

# A Universe of Stories Chapter Resources

\* *Resource that includes diversity*

+ *Books provided in alternative formats from the National Library Service for the Blind and Physically Handicapped (NLS)*

^ *Movies/DVDs available with an audio description feature*

## Chapter 5: Take Me to Your Reader

### Books

Alexander, Chris. *Star Wars Origami: 36 Amazing Paper-Folding Projects from a Galaxy Far, Far Away*. Workman, 2012. 272 p. (978-0761169437, pap.). Chris Alexander provides a variety of *Star Wars* themed origami projects focusing on characters and vehicles from the popular franchise.

Angleberger, Tom. *Art2-D2's Guide to Folding and Doodling (An Origami Yoda Activity Book)*. Amulet Paperbacks, 2016. 192 p. (978-1419720284, pap.). Tom Angleberger provides a wide assortment of drawing and origami-related projects for fans of his Origami Yoda series and *Star Wars* in general.

Brewslaw, Anna. *Scarlett Epstein Hates It Here*. Razorbill, 2017. 288 p. (978-1595148360, pap.). When Scarlett's beloved TV show is canceled and her longtime crush, Gideon, is sucked out of her orbit and into the dark and distant world of Populars, Scarlett turns to the fanfic message boards for comfort. This time, though, her subjects aren't the swoon-worthy stars of her fave series— they're the real-life kids from her high school. Scarlett never considers what might happen if they were to find out what she truly thinks about them ... until a dramatic series of events exposes a very different reality than Scarlett's stories, forever transforming her approach to relationships—both online and off.

Burton, Bonnie. *The Star Wars Craft Book*. Del Rey, 2011. 176 p. (978-0345511164, pap.). Chewbacca Sock Puppets. Ewok Flower Vases. AT-AT Herb Gardens. With *The Star Wars Craft Book*, fans of all ages and skill levels can bring the best of the galaxy far, far away right into their own homes. Fully illustrated, this guide features a variety of fun and original projects.

Carter, Chip. *Obsessed with Star Trek*. Chronicle, 2011. 320 p. (978-1452101712). This latest title in the wildly popular Obsessed With series is the *Star Trek* fan's ultimate challenge. More than just a trivia book, this interactive game includes an electronic scoring module that allows readers to quiz themselves or compete against a friend. With 2,500 new questions covering the expansive *Star Trek* universe, it's easy to test who really knows their ships, Spock, and Starfleet. Drawing from the entire television franchise and all the original films with behind-the-scenes scoop on the development of the series and stills from favorite episodes and movies, *Obsessed with Star Trek* is an out-of-this-world treat for Trekkies.

Cartoon Network. *Make Art! (On Purpose) (Steven Universe)*. Cartoon Network, 2017. 32 p. (978-0515157574, pap.). What could a couple of Gems from outer space know about making art? Well, it depends on how you define "art"! The characters of Steven Universe might not find beauty in the same ways that ordinary humans do, but that's what makes them so great! This activity book is full of out-of-the-box art ideas to inspire kids' creativity and show them a new way to look at the world.

\*Castelluci, Cecil. *Don't Cosplay with My Heart*. Scholastic, 2018. 288 p. (978-1338125498). This sweetly snarky, romantic novel follows Edan as she tries to gather the strength to be the hero in her own real life even as she connects with her dream boy at a cosplay convention.

\*Cohn, Rachel. *Nick and Nora's Infinite Playlist*. Ember, 2008. 183 p. (978-0375846144, pap.). Told in alternating chapters, this he said/she said romance is a sexy, funny roller coaster of a story about one date over one very long night with two teenagers who are just trying to figure out who they want to be.

Folmar, David. *Easy Technology Programs for Libraries: 15 Quick and Popular Programs Your Patrons Will Love*. Rowman & Littlefield, 2017. 130 p. (978-1442277496, pap.). This book gives you 15, step-by-step programs, using free online software, that go beyond basic digital literacy, and provides you with all you need for classes that engage the digital natives and computer users in your community.

Gillen, Keiron. *Star Wars: Darth Vader*, vol. 1. Marvel, 2015. 160 p. (978-0785192558, pap.). The original Dark Lord of the Sith stars in his first ongoing series! Ever since Darth Vader's first on-screen appearance, he has become one of pop culture's most popular villains. Now, follow Vader straight from the ending of *A New Hope* into his own solo adventures— showing the Empire's war with the Rebel Alliance from the other side! But when a Dark Lord needs help, who can he turn to? As Vader pursues a very personal vengeance against the Rebels and investigates the Emperor's secret machinations, he clashes with weapons scavenger Aphra and deadly Battle Droids, and returns to Geonosis to build an army. But some very powerful people don't want him to learn the truths he seeks! Guest-starring Jabba the Hutt, Boba Fett, and more!

Good, Kristie. *Epic Cosplay Costumes: A Step-by-Step Guide to Making and Sewing Your Own Costume Designs*. Fons & Porter, 2016. 144 p. (978-1440245770, pap.). Presented in a kitschy, comic-book style, *Epic Cosplay Costumes* combines fantabulous illustrations with all the how-to information you need for creating your own cosplay designs. Award-winning artist Kristie Good (aka Karmada) shares techniques for making must-have pieces to mix and match into original costumes— from hand-sewn garments to armor made with Worbla and EVA foam. In addition to her step-by-step instructions for pulling together attention-grabbing designs, she shares expert advice for making the most of conventions, striking a pose, and strutting your stuff at costume competitions.

Gray, Claudia. *Star Wars: Lost Stars*. Disney Lucasfilm, 2017. 576 p. (978-1368013789, pap.). This thrilling novel offers a macro view of some of the most important events in the *Star Wars* universe, from the rise of the Rebellion to the fall of the Empire. Readers will experience these major moments through the eyes of two childhood friends who have grown up to become an Imperial officer and a Rebel pilot.

Han, Yaya, Allison DeBlasio, and Joey Marsocci. *1,000 Incredible Costume and Cosplay Ideas: A Showcase of Creative Characters from Anime, Manga, Video Games, Movies, Comics, and More*. Quarry, 2013. 320 p. (978-1592536986, pap.). *1,000 Incredible Costume and Cosplay Ideas* provides a broad and detailed glimpse into the ingenious artistry and attention to detail behind some of the most fabulous costumes you can find. Featuring costumes from popular convention-goers to professional craftspeople, this stunning, photo-filled book by Yaya Han, Joey Marsocci and Allison DeBlasio of Dr. Grymm Laboratories walks you through scads of your favorite characters as imagined and created by fans.

Harper, Benjamin. *Obsessed with Star Wars: Test Your Knowledge of a Galaxy Far, Far Away*. Chronicle, 2015. 320 p. (978-1452136332, pap.). In what detention block was Princess Leia held? What was the diameter of the Death Star? Who retrieved C-3PO's head in the Battle of Geonosis? These questions and more will challenge even the most die-hard *Star Wars* fans. Now available in paperback, this best-selling trivia book of 2,500 original questions covering little-known facts, entertaining quotes, and tough trivia from *Star Wars* Episodes I–VI is the ultimate test for the true *Star Wars* devotee.

Inciarrano, Michelle, and Katy Maslow. *Tiny World Terrariums: A Step-by-Step Guide to Easily Contained Life*. Harry N. Abrams, 2012. 120 p. (978-1584799641, pap.). Terrariums are a vibrant, unique way to inject a little greenery into any home. In *Tiny World Terrariums*, authors Katy and Michelle of Brooklyn's celebrated Twig Terrariums offer step-by-step instructions for building your own, from selecting glass containers to layering soil and filtration to adding moss, succulents, and other plants. To give each terrarium a whimsical, personal touch, Katy and Michelle demonstrate how to use tiny figurines and toys to create to-scale scenes, such as a couple at their wedding, a CSI crime scene, and Central Park in springtime. Photos of gorgeous finished terrariums and detailed instructions will empower anyone— whether green-thumbed or not— to create their own Lilliputian worlds.

Katsujii, Sueko. *Decorative Terrariums: 47 Beautiful Ideas Created with Succulents, Air Plants, Moss and Orchids*. Nippan IPS, 2018. 128 p. (978-4865051391, pap.). *Decorative Terrariums* is a step-by-step guide to creating your own terrarium. By using greenery such as succulents, air plants, moss, orchids and more, you'll learn how to make 47 different beautiful terrarium landscapes. Complete with a plant encyclopedia and basic tips, this book is the perfect starting point for anyone who wants to create their own "miniature world."

\*Lundin, Britta. *Ship It*. Freeform, 2018. 384 p. (978-1368003131, hard.). In this story, told from two

viewpoints, Forest, a television actor who needs more fans, and Claire, a teen fan fiction blogger, are teamed to raise his profile despite their disagreement over whether his character is gay.

Maggs, Sam. *The Fangirl's Guide to the Galaxy: A Handbook for Girl Geeks*. Quirk, 2015. 208 p. (978-1594747892). Fanfic, cosplay, cons, books, memes, podcasts, vlogs, OTPs and RPGs and MMOs and more – it's never been a better time to be a girl geek. *The Fangirl's Guide to the Galaxy* is the ultimate handbook for ladies living the nerdy life, a fun and feminist take on the often male-dominated world of geekdom. With delightful illustrations and an unabashed love for all the in(ternet)s and outs of geek culture, this book is packed with tips, playthroughs, and cheat codes, including how to make nerdy friends, rock awesome cosplay, write fanfic with feels, defeat Internet trolls, and attend your first con. Plus, it features insightful interviews with fangirl faves, like Jane Espenson, Erin Morgenstern, Kate Beaton, Ashley Eckstein, Laura Vandervoort, Beth Revis, Kate Leth, and many others.

\*McDonnell, Chris. *Steven Universe: Art & Origins*. Harry N. Adams, 2017. 240 p. (978-1419724435). *Steven Universe: Art & Origins* is the first book to take fans behind the scenes of the groundbreaking and boundlessly creative Cartoon Network animated series *Steven Universe*. The eponymous Steven is a boy who— alongside his mentors, the Crystal Gems (Garnet, Amethyst, and Pearl)— must learn to use his inherited powers to protect his home, Beach City, from the forces of evil. Bursting with concept art, production samples, early sketches, storyboards, and exclusive commentary, this lavishly illustrated companion book offers a meticulous written and visual history of the show, as well as an all-access tour of the creative team's process. *Steven Universe: Art & Origins* reveals how creator Rebecca Sugar, the writers, the animators, and the voice actors work in tandem to bring this adventure-packed television series to life.

\*Moldavsky, Goldy. *Kill the Boy Band*. Point, 2017. 320 p. (978-0545867504, pap.). From thrilling new talent Goldy Moldavsky comes a pitch-black, hilarious take on fandom and the badass girls who have the power to make— or break— the people we call “celebrities.”

Moser, JoAnn. *Mason Jar Nation: The Jars That Changed America and 50 Clever Ways to Use Them Today*. Cool Springs, 2016. 144 p. (978-1591866527, pap.). Learn how to make more than 50 mason jar projects, including luminaries, planters, and upcycled art.

Poston, Ashley. *Geekerella*. Quirk, 2017. 320 p. (978-1594749933, pap.). Part romance, part love letter to nerd culture, and all totally adorbs, *Geekerella* is a fairy tale for anyone who believes in the magic of fandom. Geek girl Elle Wittimer lives and breathes *Starfield*, the classic sci-fi series she grew up watching with her late father. So when she sees a cosplay contest for a new *Starfield* movie, she has to enter. The prize? An invitation to the ExcelsiCon Cosplay Ball, and a meet-and-greet with the actor slated to play Federation Prince Carmindor in the reboot. With savings from her gig at the Magic Pumpkin food truck (and her dad's old costume), Elle's determined to win ... unless her stepsisters get there first. Teen actor Darien Freeman used to live for cons— before he was famous. Now they're nothing but autographs and awkward meet-and-greets. Playing Carmindor is all he's ever wanted, but the *Starfield* fandom has written him off as just another dumb heartthrob. As ExcelsiCon draws near, Darien feels more and more like a fake— until he meets a girl who shows him otherwise.

Priest, Cherie. *I Am Princess X*. Scholastic, 2016. 227 p. (978-1338032352, pap.). Best friends Libby Deaton and May Harper invented Princess X when they were in fifth grade, but when the car Libby is in goes off a bridge, she is presumed dead, and the story came to an end— except now, three years later, Princess X is suddenly everywhere, with a whole underground culture focused on a webcomic, and May believes her friend must be alive.

Revis, Beth. *Star Wars: Rebel Rising*. Disney Lucasfilm, 2017. 416 p. (978-1484780831). When Jyn Erso was five years old, her mother was murdered and her father taken from her to serve the Empire. But despite the loss of her parents, she is not completely alone— Saw Gerrera, a man willing to go to any extremes necessary to resist Imperial tyranny, takes her in as his own and gives her not only a home but all the abilities and resources she needs to become a rebel herself. Jyn dedicates herself to the cause— and the man. But fighting alongside Saw and his people brings with it danger and the question of just how far Jyn is willing to go as one of Saw's soldiers. When she faces an unthinkable betrayal that shatters her world, Jyn will have to pull the pieces of herself back together and figure out what she truly believes in ... and who she can really trust.

\*Rowell, Rainbow. *Eleanor & Park*. St. Martin's Griffin, 2013. 336 p. (978-1250064875, hard.). Eleanor is the new girl in town, and she's never felt more alone. All mismatched clothes, mad red hair, and chaotic home

life, she couldn't stick out more if she tried. Then she takes the seat on the bus next to Park. Quiet, careful, and— in Eleanor's eyes— impossibly cool, Park's worked out that flying under the radar is the best way to get by. Slowly, steadily, through late-night conversations and an ever-growing stack of mixed tapes, Eleanor and Park fall in love. They fall in love the way you do the first time, when you're 16, and you have nothing and everything to lose. Set over the course of one school year in 1986, Eleanor and Park is funny, sad, shocking and true - an exquisite nostalgia trip for anyone who has never forgotten their first love.

Rowell, Rainbow. *Fangirl*. St. Martin's Griffin, 2013. 448 p. (978-1250030955, hard.). In Rainbow Rowell's *Fangirl*, Cath is a Simon Snow fan. Okay, the whole world is a Simon Snow fan, but for Cath, being a fan is her life— and she's really good at it. She and her twin sister, Wren, ensconced themselves in the Simon Snow series when they were just kids; it's what got them through their mother leaving. Reading. Rereading. Hanging out in Simon Snow forums, writing Simon Snow fan fiction, dressing up like the characters for every movie premiere. Cath's sister has mostly grown away from fandom, but Cath can't let go. She doesn't want to. Now that they're going to college, Wren has told Cath she doesn't want to be roommates. Cath is on her own, completely outside of her comfort zone. She's got a surly roommate with a charming, always-around boyfriend, a fiction-writing professor who thinks fan fiction is the end of the civilized world, a handsome classmate who only wants to talk about words . . . And she can't stop worrying about her dad, who's loving and fragile and has never really been alone. For Cath, the question is: Can she do this? Can she make it without Wren holding her hand? Is she ready to start living her own life? Writing her own stories? And does she even want to move on if it means leaving Simon Snow behind?

\*Sugar, Rebecca. *The Answer*. Cartoon Network, 2016. 32 p. (978-0399541704, hard.). This *New York Times* best-selling storybook by *Steven Universe* creator Rebecca Sugar explores the meaning of love as Ruby and Sapphire look to build a new life on a strange planet called Earth. Dazzling illustrations from show artists Elle Michalka and Tiffany Ford capture Ruby and Sapphire's wonder and surprise as their story takes a course that fate never planned for them. *The Answer* is not only a charming love story, but also tells the origin of Garnet, leader of the Crystal Gems. Garnet's story of self-discovery will be treasured by *Steven Universe* fans of all ages.

\*Sugar, Rebecca. *Guide to the Crystal Gems*. Cartoon Network, 2015. 96 p. (978-0843183160). The Crystal Gems— Garnet, Amethyst, and Pearl— are three of the toughest heroes on earth. They are also mentors to Steven Universe, a gem/human hybrid boy whose mother was a great Gem leader. This guide, told from Steven's point of view and written by the show's very own creator, Rebecca Sugar, is packed with facts about the Crystal Gems' powers, abilities, and origins. It also includes original art and a special introduction by Rebecca Sugar.

Takahara, Miyuu and Kenji Weston. *Cosplay— The Beginner's Masterclass: A Guide to Cosplay Culture & Costume Making: Finding Materials, Planning, Ideas, How to Make Clothing, Props & Enjoy Conventions*. Createspace, 2015. 304 p. (978-1502589736, pap.). Veterans in the field of costume design, Miyuu Takahara and Kenji Weston have for years designed and created their own striking cosplays. They frequently attend large-scale anime and other themed conventions in Osaka, Tokyo and Los Angeles, and feel privileged to have experienced cosplaying in both the East and West. Kenji's personal cosplay preference is Marvel and Capcom characters, while Miyuu has had an abiding devotion to anime and manga since her childhood. Both share one great quality: enormous experience, giving all kinds of advice and knowledge to fellow cosplayers. Building on this trait, the pair teamed up and began writing short primer posts on web forums, advising others on certain subjects on which they became authoritative. The ultimate step came in 2015, when they teamed up to publish *Cosplay—The Beginner's Masterclass*, a lengthy book that offers guidance on all major aspects of cosplaying.

Tash, Sarvenaz. *The Geek's Guide to Unrequited Love*. Simon & Schuster Books for Young Readers, 2017. 272 p. (978-1481456548, pap.). John Hughes meets Comic Con in this novel about a teenager who is trying to get his best friend to fall in love with him that's an "unabashed love letter and delightful inside joke for comic enthusiasts."

Various. *Doctor Who: Origami*. Penguin Group UK, 2017. 264 p. (978-1405928939, pap.). Fold your own models of the Doctor, the Tardis and monsters from all across time and space, with this brilliant *Doctor Who* origami book. Follow the easy instructions to make a moving time rotor, a terrifying Weeping Angel, a brilliant bow tie, a miniature K-9, and so much more. Containing over 30 origami folding projects plus 60 printed origami paper sheets, this is the ideal creative title for any *Doctor Who* fan.

Various. *Doctor Who: Who-ology*. Penguin Group UK, 2013. 384 p. (978-1849906197). Who are the members of the Doctor's family? What are the 20 best ways to defeat a Dalek? What are the galactic coordinates of Gallifrey? Packed with amazing facts, figures and stories, *Who-ology* is an unforgettable journey through fifty years of *Doctor Who*. Test your knowledge of the last Time Lord and the planets he's visited, from Totters Lane to Trenzalore. Get lost in guides to UNIT call signs, the inner workings of sonic screwdrivers, and a complete list of *Doctor Who* monsters and their creators. *Who-ology* is an utterly unique tour of space and time.

\*Wilde, Jen. *Queens of Geek*. Swoon Reads, 2017. 288 p. (978-1250111395, pap.). Three friends go to a convention and find love— and themselves.

\*Wilson, G. Willow and Adrian Alphona. *Ms. Marvel*, vol. 1: *No Normal*. Marvel, 2014. 120 p. (978-0785190219, pap.). Kamala Khan is an ordinary girl from Jersey City— until she's suddenly empowered with extraordinary gifts. But who truly is the new Ms. Marvel? Teenager? Muslim? Inhuman? Find out as she takes the Marvel Universe by storm! When Kamala discovers the dangers of her newfound powers, she unlocks a secret behind them, as well. Is Kamala ready to wield these immense new gifts? Or will the weight of the legacy before her be too much to bear? Kamala has no idea, either. But she's comin' for you, New York!

\*Zappia, Francesca. *Eliza and Her Monsters*. Greenwillow, 2017. 400 p. (978-0062290137, hard.). Eighteen-year-old Eliza Mirk is the anonymous creator of *Monstrous Sea*, a wildly popular webcomic, but when a new boy at school tempts her to live a life offline, everything she's worked for begins to crumble.

## Web Resources

**Cosplay.com.** <http://cosplay.com>. An online forum for those who cosplay, including ideas for costumes as well as tips for participating in a contest and the judging criteria for some contests.

**Cubecraft.** [www.cubecraft.com](http://www.cubecraft.com). Created by Christopher Beaumont, this site has a wide assortment of pop culture character designs available for free download. Be sure to check out the "About" and "FAQ" sections of the site before getting started.

**Decorate a Mason Jar Bank.** <https://makeandtakes.com/decorate-a-mason-jar-bank>. Includes basic instructions for decorating a mason jar piggy bank.

**DIY Death Star Paper Lantern.** [www.paperlanternstore.com/diydestpala.html](http://www.paperlanternstore.com/diydestpala.html). Provides steps and images for creating a paper lantern Death Star for *Star Wars* parties.

**DIY Piggy Bank Jar.** [www.ds-sv.org/diy-piggy-bank-jar/](http://www.ds-sv.org/diy-piggy-bank-jar/). Provides instructions and examples of various theme-based mason jar piggy banks.

**DIY Star Wars Glow Stick Lightsabers.** <https://felldownasinkhole.wordpress.com/2017/06/21/diy-star-wars-glow-stick-lightsabers/>. Provides step-by-step instructions for making a glow stick lightsaber using simple supplies.

**Do Memes Violate Copyright Law?** [www.thelawtog.com/memes-violate-copyright-law/](http://www.thelawtog.com/memes-violate-copyright-law/). Blog post created in 2016 that provides basic information about memes and copyright.

**Doctor Who Trivia Contest.** [www.programminglibrarian.org/programs/doctor-who-trivia-contest](http://www.programminglibrarian.org/programs/doctor-who-trivia-contest). Provides planning steps and advice for hosting a Doctor Who trivia contest for audiences of teen and up.

**eMedia Law Insider.** [www.emedialaw.com/do-you-even-meme-bro-the-law-of-internet-memes/](http://www.emedialaw.com/do-you-even-meme-bro-the-law-of-internet-memes/). Brief Internet article from 2017 that provides information about memes and copyright.

**Free Jeopardy! Powerpoint Templates.** [www.thebalance.com/free-jeopardy-powerpoint-templates-1358186](http://www.thebalance.com/free-jeopardy-powerpoint-templates-1358186). Lists an assortment of Jeopardy-inspired templates that could be used to run a trivia contest using laptops and projectors.

**Glow Stick Saber.** [www.instructables.com/id/GLOW-STICK-SABER/](http://www.instructables.com/id/GLOW-STICK-SABER/). Provides instructions on how to make glow stick lightsabers using elaborate templates and tools.

**How to Host a Teen Trivia Program.** <https://anotherlibblog.wordpress.com/2013/11/27/how-to-host-a-teen-trivia-program/>. Provides helpful tips on how to organize and run a trivia program for teens.

**How to Make a Cubecraft.** [www.youtube.com/watch?v=HmHNL6bGEPE](http://www.youtube.com/watch?v=HmHNL6bGEPE). There are a variety of how-to videos for making cubecrafts available on YouTube.

**How to Make a Terrarium.** [www.apartmenttherapy.com/how-to-make-a-terrarium-139860](http://www.apartmenttherapy.com/how-to-make-a-terrarium-139860). Provides instructions on how to make and care for a terrarium.

**How to Make a Terrarium.** [www.realsimple.com/home-organizing/gardening/indoor/how-make-terrarium](http://www.realsimple.com/home-organizing/gardening/indoor/how-make-terrarium). A straightforward visual guide to making a terrarium.

**How to Write the Best Fanfic.** <https://hobbylark.com/fandoms/How-To-Write-A-Good-Fanfic>. Provides some basic advice and do's and don'ts for creating fanfiction.

**Interfilk.** [www.interfilk.org](http://www.interfilk.org). Nonprofit organization that promotes cultural exchange and supports the filking community.

**Kapwing.** <http://kapwing.com>. Free meme generator that also offers sound effects and stop-motion clip making.

**Make a Meme.** <http://makeameme.org>. Free meme generator that is also available as an app for Apple products.

**Make a Mixtape.** [www.wikihow.com/Make-a-Mixtape](http://www.wikihow.com/Make-a-Mixtape). Discusses the process of creating a physical or digital mixtape.

**Make Your Own Glowing Star Wars Lightsaber.** <https://artscrackers.com/2015/08/07/make-your-own-glowing-star-wars-lightsaber/>. A how-to guide for making glow stick lightsabers using nail polish as a key ingredient.

**Mason Jar Piggy Bank.** [www.freebiefindingmom.com/mason-jar-piggy-bank/](http://www.freebiefindingmom.com/mason-jar-piggy-bank/). An example of how to make a R2-D2 mason jar piggy bank.

**Mason Jar Piggy Bank.** <http://livingtothefullest.com/mason-jar-piggy-bank/>. Basic instructions for converting a mason jar into a piggy bank.

**Meme Generator.** <http://memegenerator.net>. Free meme generator that has the ability to link with social media via Facebook.

**Microsoft Meme Generator.** [www.microsoft.com/en-us/store/p/meme-generator/9wzdncrfjcm0](http://www.microsoft.com/en-us/store/p/meme-generator/9wzdncrfjcm0). Free app/program that you can download and use with Microsoft products.

**Mystery Science Theater 3000.** [www.mst3k.com/](http://www.mst3k.com/). Current *Mystery Science Theater 3000* website with video clips for librarians to watch who are not familiar with this program.

**The Nerdist: Cosplay.** <https://nerdist.com/tag/cosplay/>. Part of the online Nerdist community with various examples of detailed cosplay.

**Ohio Valley Filk Fest 33.** <http://ovff.org/ovff33/filk-resources.html>. Ohio Valley Filk Fest resource page that includes links to different filking groups, conventions, and other tips.

**Pinterest: Cosplay.** [www.pinterest.com/explore/cosplay](http://www.pinterest.com/explore/cosplay). Plenty of ideas ranging from simple to elaborate costumes.

**Playlist Builder.** <http://playlists.net/useful-stuff/the-ultimate-guide-to-making-great-playlists>. Provides tips for creating and maintaining a music playlist.

**RiffTrax.** [www.rifftrax.com/](http://www.rifftrax.com/). Created because of the popularity of *Mystery Science Theater 3000*, this website offers registered users the ability to purchase access to pre-created comedy tracks that play along with a movie.

**Shaven Wookiee.** [www.shavenwookie.com/swrhps/](http://www.shavenwookie.com/swrhps/). Scripts that can be used for audience participation when watching *Star Wars*.

**Star Wars BB-8 Paper Lantern.** <https://desertchica.com/star-wars-bb-8-paper-lantern/>. Provides step-by-step instructions for creating a BB-8 paper lantern character.

**Steven Universe Tectonic Plate Theory.** <https://medium.com/@justinboden/steven-universe-tectonic-plate-theory-d7183a8317b0>. An interesting look at the possible science and geography of *Steven Universe*.

**Steven Universe Terrarium.** <https://imgur.com/a/rr8to>. A visual guide to creating a terrarium based on *Steven Universe*.

**Tween Programming—Are You Smarter Than a Librarian Trivia Night.**

<https://legolibrarian.com/2017/03/13/tween-programming-are-you-smarter-than-a-librarian-trivia-night/>. Provides insight on hosting a trivia program for teens.

**Wikipedia: Mystery Science Theater 3000.** [https://en.wikipedia.org/wiki/Mystery\\_Science\\_Theater\\_3000](https://en.wikipedia.org/wiki/Mystery_Science_Theater_3000). General overview of *Mystery Science Theater 3000* for those who may not be familiar with the program.

**World Cosplay Summit.** [www.worldcosplaysummit.jp/en/](http://www.worldcosplaysummit.jp/en/). Website for the World Cosplay Summit. Site includes information about their judging criteria and participation regulations.

**Writing Fanfiction.** [www.readwritethink.org/parent-afterschool-resources/activities-projects/writing-fanfiction-30647.html?main-tab=1#tabs](http://www.readwritethink.org/parent-afterschool-resources/activities-projects/writing-fanfiction-30647.html?main-tab=1#tabs). Provides an overview of fan fiction for parents and teachers and includes tips for how to encourage students to use fan fiction as a writing exercise.

## Chapter 6: Shoot for the Moon

### Books

Abadzis, Nick. *Laika*. First Second, 2007. 208 p. (978-1596431010). Laika was the abandoned puppy destined to become Earth's first space traveler in the Soviet's Sputnik program. Abadzis masterfully blends fiction and fact in the intertwined stories of three compelling lives, giving life to a pivotal moment in modern history.

Anderson, M.T. *Feed*. Candlewick, 2012. 299 p. (978-0763662622). Identity crises, consumerism, and star-crossed teenage love in a futuristic society where people connect to the Internet via feeds implanted in their brains.

Aveni, Anthony. *In the Shadow of the Moon: The Science, Magic, and Mystery of Solar Eclipses*. Yale University Press, 2017. 328 p. (978-0300223194). Aveni explains the science behind the phenomenon, tracks eclipses across the ancient world, and examines the roles of solar eclipses in modern times to reveal the profound effects these cosmic events have had on human history. Colored by his own experiences— Aveni has witnessed eight total solar eclipses in his lifetime— his account of astronomy's most storied phenomenon will enthrall anyone who has looked up at the sky with wonder.

Bao, Karen. **Dove Chronicles series**. Multiple titles. Speak (Reprint Edition), 2016–2017. 320–352 p. (ISBNs vary, pap.). Book 1 of Series: Phaet Theta's Plan: Live peacefully in the lunar colony, work hard, become a scientist, and enjoy a quiet future off the government's radar. Then her mother is arrested. The New Plan: Enlist in the militia, learn everything she can from top trainee Wes, and become the youngest militia captain in history so she can save her family. It all seems perfect until Phaet's logically ordered world begins to crumble.

Chaikin, Andrew. *Mission Control, This Is Apollo: the Story of the First Voyage to the Moon*. Viking Books for Young Readers, 2009. 128 p. (978-0670011568). Recounts space history from the Mercury missions through Apollo 17 and beyond. It is illustrated with stunning full-color paintings by astronaut Alan Bean, who walked on the moon with Pete Conrad on Apollo 12 and has devoted his post-NASA life to creating art. Handsome, informative, and dramatic, this is no textbook; it is the tale of humankind's greatest adventure in the last frontier: space.

Close, Frank. *Eclipse: Journeys to the Dark Side of the Moon*. Oxford University Press, 2017. 208 p. (978-0198795490). Explains why eclipses happen; reveals their role in history, literature, and myth; and introduces us to eclipse chasers, who travel with ecstatic fervor to some of the most inaccessible places on the globe. The book also includes the author's quest to solve a 3,000-year-old mystery: how did the moon move backward during a total solar eclipse, as claimed in the Book of Joshua?

Cole, Michael D. *The Moon: Earth's Companion in Space (Countdown to Space)*. Enslow, 2001. 48 p. (978-0766015104). Beginning with Neil Armstrong's historic first step on the moon, describes the moon's features, surface, and phases, and discusses manned and unmanned missions to the moon.

Cunningham, Daryl. *How to Fake a Moon Landing: Exposing the Myths of Science Denial*. Harry N. Abrams, 2013. 176 p. (978-1419706899). Is hydrofracking really safe? Is climate change real? Did the moon landing really happen? How about evolution: fact or fiction? Author-illustrator Darryl Cunningham looks at these and other hot-button science topics and presents a visual assessment of current thinking and research on eight different issues everybody's arguing about.

Dell, Pamela. *Man on the Moon: How a Photograph Made Anything Seem Possible*. Compass Point, 2011. 64 p. (978-0756544478). It is a bizarrely beautiful image: a man in a spacesuit stands isolated in an alien world. His companion, the photographer, and their landing craft are reflected in his visor. This photograph, taken by Neil Armstrong of fellow astronaut Buzz Aldrin, is the most famous documentation of America's 1969 moon landing. But to people in every country on Earth, it represented— and still does represent— so much more. The man in the photograph was hundreds of thousands of miles away from his home planet. He had conquered another world. It was, as Armstrong said, a "giant leap for mankind." The photo of this historic

event remains one of the most powerful and inspiring representations of the achievements of humankind.

Diaz, Stephanie. **Extraction series.** Multiple titles. St. Martin's Griffin, 2014–2015. 320–416p. (ISBNs vary, pap.). Clementine has spent her whole life preparing for her 16th birthday when she'll be tested for Extraction, in the hopes of being sent from Kiel's toxic Surface to the much safer Core, where people live without fear or starvation. When she proves promising enough to be "Extracted," she must leave without Logan, the boy she loves. Torn apart from her only sense of family, Clem promises to come back and save him from brutal Surface life. What she finds initially at the Core is a utopia compared to the Surface— it's free of hard labor, gun-wielding officials, and the moon's lethal acid— but life is anything but safe, and Clementine learns that the planet's leaders are planning to exterminate Surface dwellers— and that means Logan, too.

Foster, Caxton C. **The Orrery: Computer Models of Astronomical Systems.** Willmann-Bell, 1999. 317 p. (978-0943396651). This book tells you how to exploit the power of the computer to model dozens of astronomical systems. BASIC software (on disk) includes both source and executable files.

Gardner, Sally. **Maggot Moon.** Candlewick, 2014. 288 p. (978-0763671693). A teenager risks all to expose the truth about a heralded moon landing. What if the football hadn't gone over the wall? On the other side of the wall, there is a dark secret. And the devil. And the Moon Man. And the Motherland doesn't want anyone to know. But Standish Treadwell— who has different-colored eyes, can't read, can't write, and isn't bright— sees things differently than the rest of the "train-track thinkers." So when Standish and his only friend and neighbor, Hector, make their way to the other side of the wall, they see what the Motherland has been hiding. And it's big.

Harstad, Johan. **172 Hours of the Moon.** Little, Brown Books for Young Readers, 2013. 384 p. (978-0316182898). It's been decades since anyone set foot on the moon. Now three ordinary teenagers, the winners of NASA's unprecedented, worldwide lottery, are about to become the first young people in space and change their lives forever.

Henes, Donna. **The Moon Watcher's Companion: Everything You Wanted to Know About the Moon & More.** Da Capo Press, 2004. 144 p. (978-1569244661). In *The Moon Watcher's Companion*, urban shaman, writer, and teacher Donna Henes enlivens the imaginations of those who have contemplated the moon by providing poems, drawings, stories, ancient wisdom, and scientific findings from a diverse blend of people and cultures throughout the world. Bringing together a wide range of writings about the moon, from Mother Goose to Joseph Campbell, Galileo to Audre Lorde, Sappho to Black Elk, as well as providing a comprehensive encyclopedia of lunar terminology, a timeline of lunar explorations, and three sections that detail the moon's faces, phases, and known facts, author Hene has created a fascinating compendium of lunar science, myth, folklore, poetry, curious facts, and old wives' wisdom culled from cultures throughout the ages.

Hilton, Marilyn. **Full Cicada Moon.** Puffin, 2017. 400 p. (978-0147516015). In 1969, 12-year-old Mimi and her family move to an all-white town in Vermont, where Mimi's mixed-race background and interest in "boyish" topics like astronomy make her feel like an outsider.

Irvine, Alex. **The Far Side of the Moon: The Story of Apollo 11's Third Man.** Tilbury House, 2017. 64 p. (978-0884484523). This graphic retelling of the Apollo 11 moon-landing mission follows astronaut Michael Collins, commander of the lunar orbiter, to the far side of the moon.

Kluger, Jeffrey. **Apollo 8: The Thrilling Story of the First Mission to the Moon.** Henry Holt, 2017. 320 p. (978-1627798327). The story of Apollo 8, humankind's first flight to the moon.

Kluger, Jeffrey, and Ruby Shamir. **To the Moon! : The True Story of the American Heroes on the Apollo 8 Spaceship.** Philomel, 2018. 288 p. (978-1524741031). This book about the exciting and inspiring true story of Apollo 8, the first crewed spaceship to break free of Earth's orbit and reach the moon, tells the story of these three brave men, the frantic rush to get their rocket ready, and the journey that gave the American people—and the world—a new look at the planet we live on and the corner of space we inhabit.

Lapointe, Stephanie. **Grandfather and the Moon.** Groundwood, 2017. 100 p. (978-1554989614). This moving graphic novel tells the story of the affection between a girl and her grandfather. When the grandfather withdraws in grief after his wife dies, the girl is determined to live life fully herself and enters an extraordinary contest— the result is a sensitive portrayal of pursuing a dream.

Maizel, Rebecca. **Between Us and the Moon.** HarperTeen, 2015. 384 p. (978-0062327611). Just before spending her 16th summer on Cape Cod, Sarah's boyfriend breaks up with her, and as a scientist whose focus

is on winning a scholarship through her study of a comet, she designs an experiment to become more like her older sister to see if she, too, can be popular.

McCully, James Greig. *Beyond the Moon: A Conversational Common Sense Guide to Understanding the Tides*. World Scientific, 2006. 304 p. (978-9812566447). A comprehensive, easily readable explanation of the tides on Earth that is both simple enough for students and solid enough for their professors. Step by step, by analogy and illustration, *Beyond the Moon* describes how the cyclical motion of the near solar system is impressed upon the earth's oceans, and how the hydraulics over the continental shelf and the geography of the coastline orchestrate this rhythm into the bewildering variety of tide patterns seen around the globe. This volume demystifies the complexity of the tides by systematically examining their many constituents and demonstrates that: Nature is, at once, awesome in complexity and beautiful in simplicity.

Miller, Derek. *Earth, Sun, and Moon: Cyclic Patterns of Lunar Phases, Eclipses, and the Season*. Cavendish Square, 2017. 112 p. (978-1502622914). *Earth, Sun, and Moon: Cyclic Patterns of Lunar Phases, Eclipses, and the Seasons* explains the cycles that affect our daily lives and how the major figures in astronomy used the scientific method to prove their theories about these cycles in accordance with Next Generation Science Standards.

Miller, Ron. *Earth and the Moon*. 21st Century, 2003. 96 p. (978-0761323587). Chronicles the origin, evolution, and exploration of the earth and the moon, and discusses their composition, their place in our solar system, and more.

Mitton, Jacqueline. *Moon*. DK Children, 2009. 72 p. (978-0756645427). Moon takes a look at Earth's moon from a variety of perspectives— its physical structure, its meaning to humans, and the incredible journeys astronauts have made to its surface.

Nelson, Craig. *Rocket Man: The Epic Story of the First Men on the Moon*. Penguin, 2010. 416 p. (978-0143117162). The thrilling story of the Apollo moon mission restores the mystery and majesty to an event that may have become too familiar for most people to realize what a stunning achievement it represented in planning, technology, and execution.

Nordgren, Tyler. *Sun, Moon, Earth: The History of Solar Eclipses, from Omens of Doom to Einstein and Exoplanet*. Basic, 2016. 264 p. (978-0465060924). On April 8, 2024, millions of Americans will experience an awe-inspiring phenomenon: a total eclipse of the sun. In *Sun, Moon, Earth*, astronomer Tyler Nordgren illustrates how this most seemingly unnatural of natural phenomena was transformed from a fearsome omen to a tourist attraction. From the astrologers of ancient China and Babylon to the high priests of the Maya, *Sun, Moon, Earth* takes us around the world to show how different cultures interpreted these dramatic events.

Okim, Tim. *Earth Rotation with the Naked Eye: How to Understand Rotation, Spherical Earth, Moon-Shape, Day and Night and Planet Location Without a Telescope*. Independently published, 2017. 32 p. (978-1521937020). This book makes a conscious attempt to use illustrations, explanations, analogies, and other literary devices at the author's disposal to bring to the reader's imagination a clearer picture of how the physical earth on which we live actually works in relation to its position in the solar system, it also provides answers to the questions above and of course creates a humorous and enjoyable read.

Pfeffer, Susan Beth. **Last Survivors series**. Multiple titles. Speak, 2016–2017. 320–352 p. (ISBNs vary, pap.). When a meteor collides with the moon, teenage Miranda and her friends and family struggle to survive the unimaginable. Four gripping books that follow their ordeal.

Scott, Elaine. *Our Moon: New Discoveries About Earth's Closest Companion*. Clarion, 2016. 72 p. (978-0547483948). Full of captivating, kid-friendly information, *Our Moon* covers everything from the newest theories on how the moon formed, to the recent, startling discovery of water on its surface and the very real possibility of future moon colonies. Illustrated with full-color photographs and packed with fun facts, this is the most complete and up-to-date book available on the moon. Includes glossary, bibliography, and index.

Simonds, Nina and Leslie Swartz. *Moonbeams, Dumplings & Dragon Boats: A Treasury of Chinese Holiday Tales, Activities & Recipes*. HMH Books for Young Readers, 2002. 80 p. (978-0152019839). Filled with delectable recipes, hands-on family activities, and traditional tales to read aloud, this extraordinary collection will inspire families everywhere to re-create the magic of Chinese holidays in their own homes.

Singer, Marilyn. *A Full Moon is Rising: Poems*. Lee and Low, 2014. (978-1620141960). A children's book takes readers on a whirlwind tour of the world to discover an amazing collection of full-moon celebrations, beliefs, customs, and facts.

Steffoff, Rebecca. *Space Race: An Interactive Space Exploration Adventure*. Capstone, 2016. 112 p. (978-1491481363). Explores various perspectives on the Space Race. The reader's choices reveal the historical details.

Stroud, Rick. *The Book of the Moon*. Walker, 2009. 368 p. (978-0802717344). To celebrate the 40th anniversary of humankind's first steps on the moon, a visually striking cornucopia of everything worth knowing about our closest neighbor in space.

Taylor, Travis S. and Jody Lynn Nye. *Moon Beam*. Baen, 2017. 320 p. (978-1481482523). Lonely 16-year-old farm girl Barbara Winton has been following one reality show for years. Then in an instant she goes from fangirl to participant when the call comes from Dr. Keegan Bright: she's been selected out of a horde of applicants to join him on the moon.

Valente, Catherynne M. *The Girl Who Soared over Fairyland and Cut the Moon in Two*. Square Fish, 2015. 288 p. (978-1250050618). September misses Fairyland and her friends Ell, the Wyverary, and the boy Saturday. She longs to leave the routines of home and embark on a new adventure. Little does she know that this time, she will be spirited away to the moon, reunited with her friends, and find herself faced with saving Fairyland from a moon yeti with great and mysterious powers.

Webb, Philip. *Where the Rock Splits the Sky*. Chicken House, 2014. 272 p. (978-0545557016). Long after the Visitors split the moon and stopped Earth from turning, Megan and two friends mount their horses and set out across the Zone, where laws of nature do not apply, hoping to solve the mystery of her missing father and of the paralyzed planet itself.

Westerfeld, Scott. *Stupid Perfect World*. HarperTeen, 2012. 57 p. (B008K4TDYM, Kindle). In this future-set novella by best-selling author Scott Westerfeld, Kieran Black lives in a "perfect" world. Disease and starvation have been eradicated, sleep is unnecessary, and it takes no time at all to go from the Bahamas to the moon. But now Kieran has to take Scarcity, a class about how people lived in the bad old days. And as if sitting through an hour of Scarcity every day wasn't depressing enough, it's final projects time. Each student must choose some form of ancient hardship to experience for two whole weeks. Kieran chooses having to sleep eight hours a night, which doesn't seem too annoying.

## Movies/DVDs

Craig, Mark. *The Last Man on the Moon*. Gravitas Ventures, 2016. 96 min. (TV-MA). When Apollo astronaut Gene Cernan stepped on the moon in December 1972, he left his footprints and his daughter's initials in the lunar dust. Now, 40 years later, he is ready to share his personal story of fulfillment, love, and loss.

Haimoff, Elliott. *Project Gemini: Bridge to the Moon*. Unscripted, 2008. 49 min. (NR). An exploration of NASA's second space project. Project Gemini was a major phase of the Cold War, when tensions between the United States, Soviet Union, and their space programs were at an all-time high.

Howard, Ron. *Apollo 13*. Universal Pictures, 1995. 140 min. (PG). The story of the 1970 lunar mission, which suffered an explosion in space that disabled the ship, leaving the astronauts and mission control to work frenetically on devising a plan to get the men home safely. Based on actual events.

Lopez-Gallego, Gonzalo. *Apollo 18*. Weinstein Company, 2011. 86 min. (PG-13). This horror film presents found footage of two astronauts who encountered alien life on the moon during a secret mission in 1973.

Nova. *NOVA's To the Moon*. WGBH, 2000. 120 min. (NR). The mission seemed impossible, the odds astronomical, but the results were spectacular. Nova presents the fascinating story behind the Apollo space program, including the historic walk on the moon in 1969, in a two-hour special. Meet unsung heroes, experience the dangers, and discover new Apollo perspectives through rare footage, little-known facts, and interviews with NASA scientists, engineers, geologists, and the astronauts themselves.

Sington, David. *In the Shadow of the Moon*. XiveTV, 2007. 99 min. (NR). Between 1968 and 1972, the world watched in awe as American spacecraft voyaged to the moon. Twelve astronauts walked on its surface, and they remain the only human beings to have stood on another world. This award-winning documentary retells the story of the Apollo mission through archival footage and interviews with all the surviving astronauts. It's a triumphant reminder of human endeavor.

## Web Resources

**Apollo 11 Mission Overview.** [www.nasa.gov/mission\\_pages/apollo/missions/apollo11.html](http://www.nasa.gov/mission_pages/apollo/missions/apollo11.html). Highlights basic information about the Apollo 11 mission.

**Astronauts Armstrong and Aldrin Arrive on the Moon.**

[www.nasa.gov/audience/foreducators/topnav/materials/listbytype/Astronauts\\_Armstrong\\_and\\_Aldrin\\_Arrive\\_on\\_the\\_Moon.html](http://www.nasa.gov/audience/foreducators/topnav/materials/listbytype/Astronauts_Armstrong_and_Aldrin_Arrive_on_the_Moon.html). Videos of and related to the astronauts' arrival on the moon.

**Build a Moon Habitat.** <https://spaceplace.nasa.gov/moon-habitat/en/>. Provides information about building a moon habitat and walks you through a related activity.

**Chinese Shadow Puppetry.** [www.chineseshadowpuppetry.com/](http://www.chineseshadowpuppetry.com/). Provides information about the history of Chinese Shadow Puppetry, how to make a stage and characters, how to perform a play, and more.

**DIY Cracked Marble Jewelry.** [www.youtube.com/watch?v=pA51sxXCTWQ](http://www.youtube.com/watch?v=pA51sxXCTWQ). A simple guide for making a cracked marble necklace.

**Earth, Moon & Sun Orrery.** <http://jkbrickworks.com/earth-moon-and-sun-orrery/>. How to build a tellurion using Legos. Includes a step-by-step PDF.

**Earth's Moon.** <https://moon.nasa.gov/>. NASA's main informational page about Earth's moon.

**Eclipse 2017: Science from the Moon's Shadow.** [www.nasa.gov/feature/goddard/2017/eclipse-2017-science-from-the-moon-s-shadow](http://www.nasa.gov/feature/goddard/2017/eclipse-2017-science-from-the-moon-s-shadow). A brief overview of initial findings from information gathered during the 2017 solar eclipse.

**"Eclipse Across America" Series Offers Preview of 2017 Total Solar Eclipse.** [www.space.com/37750-eclipse-across-america-documentary.html](http://www.space.com/37750-eclipse-across-america-documentary.html). Links you to a four-part series about the path of totality for the 2017 North American eclipse and includes information and interviews with scientists, astronomers, and more.

**Eclipses and Transits.** [www.nasa.gov/eclipse](http://www.nasa.gov/eclipse). NASA's informational page about what happens during an eclipse.

**Ferguson's Mechanical Paradox Orrery.** [www.lisaboyer.com/Claytonsite/mechanicalparadoxpage.htm](http://www.lisaboyer.com/Claytonsite/mechanicalparadoxpage.htm). Information about an orrery that explores the paradox found in the rotation of its wheels.

**Full Moon Names & Their Meanings.** [www.farmersalmanac.com/full-moon-names/](http://www.farmersalmanac.com/full-moon-names/). A listing of the Native American names for each month's full moon with a short explanation.

**Here's a GIF Guide of How to Moonwalk— We Tried It and It Actually Works!.**

<https://thoughtcatalog.com/brandon-gorrell/2013/02/heres-a-gif-guide-of-how-to-moonwalk-it-actually-works/>. A series of GIFs with animated instructions showing you how to perform Michael Jackson's moonwalk.

**How to Make Shadow Puppets.** [www.pbs.org/video/full-time-kid-how-make-shadow-puppets](http://www.pbs.org/video/full-time-kid-how-make-shadow-puppets). An instructional video for making shadow puppets.

**How to Make a Wizard's Orrery.** [www.stormthecastle.com/how-to-make-a/how-to-make-a-wizards-orrery.htm](http://www.stormthecastle.com/how-to-make-a/how-to-make-a-wizards-orrery.htm). A tutorial on how to make a simplified, low-cost version of a tellurion.

**How to Moonwalk.** [www.instructables.com/id/How-to-Moonwalk-4/](http://www.instructables.com/id/How-to-Moonwalk-4/). Step-by-step guide about how to perform Michael Jackson's moonwalk. Includes a downloadable PDF.

**Lunar and Meteorite Sample Disk Program (K-12).** <https://ares.jsc.nasa.gov/interaction/lmdp/>. Provides information about a program that allows you to borrow moon rocks to share with your students.

**The Lunar & Planetary Institute.** [www.lpi.usra.edu/](http://www.lpi.usra.edu/). The website of the Lunar & Planetary Institute, which endeavors to spread knowledge of the solar system.

**Make a Tellurion for Your Kid.** [www.instructables.com/id/Make-a-Tellurion-sun-earth-moon-Orrery-for-Your-Ki/](http://www.instructables.com/id/Make-a-Tellurion-sun-earth-moon-Orrery-for-Your-Ki/). Provides information on how to make a tellurion that rotates with a tilted Earth and utilizes 3-D printing. Includes a downloadable PDF.

**Moon Chinese Legend Shadow Puppet Show for the Mid-Autumn Festival.** [www.adventure-in-a-box.com/moon-chinese-legend-shadow-puppet-show-mid-autumn-festival/](http://www.adventure-in-a-box.com/moon-chinese-legend-shadow-puppet-show-mid-autumn-festival/). Walks you through the story of Chang E and provides images and information that can be used to create the puppets for the story.

**Moon Habitat.** <http://spaceplace.nasa.gov/moon-habitat>. Instructions on how to build your own moon habitat.

**Moon Phase Calculator.** <https://stardate.org/nightsky/moon>. A tool to determine moon phases for specific dates of the year.

**Moonwalks July 20, 1969: One Giant Leap for Mankind.** [www.nasa.gov/mission\\_pages/apollo/apollo11.html](http://www.nasa.gov/mission_pages/apollo/apollo11.html). A montage of the Apollo 11 moonwalk.

**NASA's Lunar Mission Captures Solar Eclipse as Seen from the Moon.**

[www.nasa.gov/feature/goddard/2017/LRO-captures-eclipse-from-the-moon](http://www.nasa.gov/feature/goddard/2017/LRO-captures-eclipse-from-the-moon). Shows the 2017 North American solar eclipse from the moon, and discusses the occurrence in relation to the Lunar Reconnaissance Orbiter Camera.

**NASA Space Place.** <https://spaceplace.nasa.gov/>. Activities and exercises for students to learn about the moon and space exploration.

**Native American Full Moon Names.** [www.skyandtelescope.com/astronomy-resources/native-american-full-moon-names/](http://www.skyandtelescope.com/astronomy-resources/native-american-full-moon-names/). The names of the Native American full moons, with alternative names and explanations.

**On the Moon.** [www.nasa.gov/pdf/308966main\\_On\\_the\\_Moon.pdf](http://www.nasa.gov/pdf/308966main_On_the_Moon.pdf). A downloadable PDF of engineering challenges for grades 3–12.

**Orrery— a Mechanical Solar System Model from Plywood.** [www.instructables.com/id/Orrery-a-Mechanical-Solar-System-Model-From-Plywoo/](http://www.instructables.com/id/Orrery-a-Mechanical-Solar-System-Model-From-Plywoo/). Provides a PDF of how to create a full solar system orrery, which provides principles that can be used to create a sun, moon, and Earth orrery.

**Orrery Instructions.** <http://brassorrery.blogspot.com/2009/09/orrery-instructions.html>. Provides information to build a middle-level orrery and includes basic information that can assist those creating their own plans.

**Shadow Puppet Theater.** <https://makezine.com/projects/shadow-puppet-theater/>. A step-by-step guide to make a shadow puppet theater.

**Solar System Exploration Research Virtual Institute.** <https://sservi.nasa.gov/articles/nasa-lunar-science-institute/>. Formerly known as the NASA Lunar Science Institute, the group funds research done remotely by various groups, and spreads education and opportunity.

**Space Lander Mission.** [www.vivifysystem.com/blog/2015/1/14/touchdown-lander](http://www.vivifysystem.com/blog/2015/1/14/touchdown-lander). Gives information on running a program where participants build a space lander that will keep two “alien” marshmallows in their cup when it lands.

**Space Operations Learning Center.** <https://solc.gsfc.nasa.gov/>. Teaches the basic concepts of space operations. Provided by NASA.

**Supermoon.** <https://moon.nasa.gov/observe-the-moon/supermoon/>. NASA's informational page about what a supermoon is and how it happens.

**Why No Eclipse Every Full and New Moon?** <http://earthsky.org/astronomy-essentials/why-isnt-there-an-eclipse-every-full-moon>. Discusses why we do not see lunar and solar eclipses every month.

**You Need a Beautiful Orrery in Your Life.** [www.popularmechanics.com/space/solar-system/a24330/how-to-make-an-orrery/](http://www.popularmechanics.com/space/solar-system/a24330/how-to-make-an-orrery/). Article that provides links to a PDF and video to build a high-level orrery.

## Chapter 7: To the Library and Beyond

### Books

Abnett, Dan. *Horus Rising*. Games Workshop, 2014. 416 p. (978-1849707442, pap.). Horus is one of the Emperor's Primarchs and Warmaster. Victory for the empire is close at hand, but will Horus be strong enough to control his fellow commanders and continue the Emperor's grand design? Set in the Warhammer 40,000 universe.

\*Bacigalupi, Paolo. *Ship Breaker*. Little, Brown Books for Young Readers, 2011. 352 p. (978-0316056199, pap.). Teenager Nailor is a scavenger. He collects copper wiring from grounded oil tankers. But when he discovers a beached clipper ship, he must decide between stripping the ship and rescuing the wealthy girl trapped inside.

\*Bodden, Valerie. *Vincent van Gogh*. Creative Education, 2016. 80 p. (978-1608187218). A biography of Dutch artist Vincent van Gogh examines his contributions to the Post-Impressionist style, his early death, and his greatest paintings.

Carriger, Gail. *Etiquette & Espionage*. Little, Brown, 2013. 307 p. (978-0316190107, pap.). In an alternate England of 1851, 14-year-old Sophronia is enrolled in a finishing school where she is surprised to learn not only the fine arts of dance, dress, and etiquette, but also diversion, deceit, and espionage.

Consolmagno, Guy, and Dan M. Davis. *Turn Left at Orion: Hundreds of Night Sky Objects to See in a Home Telescope— and How to Find Them*. Cambridge University Press, 2011. 255 p. (978-0521153973, pap.). This beginner's guide to the night sky teaches stargazers of all ages and backgrounds and has been revised to include Southern Hemisphere objects and Dobsonian telescopes.

Dickinson, Terence. *Nightwatch: A Practical Guide to Viewing the Universe: Revised and Updated*. Firefly, 2006. 192 p. (978-1554071470). A reference guide for stargazers, offering star charts and information on equipment, planets, and stellar photography. This edition has been updated for use through 2025.

\*Duncan, Alexandra. *Salvage*. Greenwillow, 2015. 536 p. (978-0062220158, pap.). Ava, a teenage girl living aboard the male-dominated, conservative deep-space merchant ship *Parastrata*, faces betrayal, banishment, and death. Taking her fate into her own hands, she flees to the Gyre, a floating continent of garbage and scrap in the Pacific Ocean. How will she build a future on an Earth ravaged by climate change?

\*Erskine, Kathryn. *The Incredible Magic of Being*. Scholastic, 2017. 247 p. (978-1338148510). Julian is an optimistic nine-year-old who navigates the challenges of his stressed family by resolving to discover a comet.

\*Farmer, Nancy. *The House of the Scorpion*. Atheneum, 2004. 380 p. (978-0689852237, pap.). In a future where humans despise clones, Matt enjoys special status as the young clone of El Patrón, the 142-year-old leader of a corrupt drug empire nestled between Mexico and the United States.

Fazekas, Andrew. *Star Trek: The Official Guide to Our Universe: The True Science Behind the Starship Voyages*. National Geographic Society, 2016. 237 p. (978-1426216527). An introduction to the astronomy of *Star Trek*, exploring true astronomical counterparts to the show's lore. Includes star charts, a history of space exploration, and a combination of fact and science fiction.

Games Workshop. *Warhammer 40,000: The Core Rules*. Games Workshop, 2017. 280 p. (978-1785818493). Contains the core rules needed to learn how to play Warhammer 40,000, as well as advanced rules, scenarios, hobby information, and background story.

Garcia, Karina. *Karina Garcia's DIY Slime*. Sizzle, 2017. 79 p. (978-1499806601, pap.). Learn how to create your own slime at home with 15 borax-free slime recipes from YouTuber Karina Garcia.

Gillies, Isabel. *Starry Night*. Square Fish, 2015. 330 p. (978-1250068224, pap.). As 15-year-old Wren and her three best friends celebrate the opening of a major exhibit curated by her father at the Metropolitan Museum of Art, Wren finds first love with her brother's new friend, Nolan, and the relationship transforms her and her life— not always in good ways.

Gilliland, Ben. *Rocket Science for the Rest of Us: Cutting-Edge Concepts Made Simple*. DK, 2015. 192 p. (978-1465433657, pap.). Presents a common-sense guide to astronomy and astrophysics that provides comprehensive explanations of such topics as black holes, antimatter, and space exploration.

\*Griffin, Emily Ziff. *Light Years*. Simon Pulse, 2017. 288 p. (978-1507200056). As a mysterious virus infects the world's population, a girl confronting the death of her father begins a quest for spiritual and existential meaning.

Hamilton, Trenton. *Photography: Equipment, Techniques, Styles, and Practice*. Britannica Educational Publishing, 2016. 192 p. (978-1680483741). This guide for young adults focuses on the technology of photography, breaking down the components of a camera, and the practices of developing pictures.

\*Heiligman, Deborah. *Vincent and Theo: The Van Gogh Brothers*. Henry Holt, 2017. 454 p. (978-0805093391). This book examines the relationship between brothers Theo and Vincent van Gogh, showing how Theo supported the painter throughout his creative and interpersonal struggles.

Jagan, Alyssa. *Ultimate Slime: DIY Tutorials for Crunchy Slime, Fluffy Slime, Fishbowl Slime, and More Than 100 Other Oddly Satisfying Recipes and Projects— Totally Borax Free!* Quarry, 2017. 112 p. (978-1631594250, pap.). Learn how to create slime in a variety of colors and textures, with more than 100 recipes and projects.

Kakalios, James. *The Physics of Superheroes*. Avery, 2009. 448 p. (978-1592405084, pap.). An exploration of the science behind the powers of popular comic superheroes and villains illustrates the physics principles underlying the supernatural abilities of such characters as Superman, Magneto, and Spider-Man.

Kaufman, Amie, and Jay Kristoff. *Illuminae*. Ember, 2017. 599 p. (978-0553499148, pap.). Caught in the crossfire of a megacorporation rivalry in 2575, Kady and Ezra, who have just broken up, flee their home planet on an evacuation ship that is quickly overwhelmed by a fast-spreading plague.

Keimig, Lance. *Night Photography and Light Painting: Finding Your Way in the Dark*. Focal Press, 2015. 268 p. (978-0415718981, pap.). Discover practical techniques for night photography, a guide for digital light painting, and a detailed history of the medium.

\*Khorana, Aditi. *Mirror in the Sky*. Razorbill, 2017. 334 p. (978-1595148575, pap.). Tara, an Indian American junior at Brierly Prep School, feels her world dramatically change when a mirror planet to Earth is discovered and she, in this new era of scientific history, reconsiders herself and possible selves.

King, William. *Space Wolf: The Omnibus*. Games Workshop, 2015. 768 p. (978-1785721144, pap.). Set in the Warhammer 40,000 universe and collecting three stories following the adventures of Ragnar the Space Wolf, from his recruitment by the Space Marines to his adventures amongst the stars.

Landers, Melissa. *Starflight*. Disney-Hyperion, 2017. 359 p. (978-1484747865, pap.). Former high school enemies Solara Brooks and Doran Spaulding must team up when they find themselves aboard a renegade spaceship.

\*Lu, Marie. *Warcross*. Putnam, 2017. 353 p. (978-0399547966). After hacking into the Warcross Championship's opening game to track illegal betting, bounty hunter Emika Chen is asked by the game's creator to go undercover to investigate a security problem, and she uncovers a sinister plot.

Maizel, Rebecca. *Between Us and the Moon*. HarperTeen, 2015. 364 p. (978-0062327611). Just before spending the summer in Cape Cod, Sarah's boyfriend breaks up with her. As a scientist whose focus is on winning a scholarship through her study of a comet, she designs an experiment to become more like her older sister to see if she, too, can be popular.

\*McCarry, Sarah. *About a Girl*. Griffin, 2015. 260 p. (978-1250068620). Eighteen-year-old Tally, a self-proclaimed genius and aspiring astronomer, finds her world upended and sets off on a quest to seek the reclusive musician who may hold the key to her past. Instead, she finds Maddy, who may open the door to her future.

Meyer, Marissa. *Cinder*. Square Fish, 2013. 390 p. (978-1250007209, pap.). In this retelling of several classic fairy tales, Cinder is a gifted mechanic and cyborg, living on an overcrowded, plague-ravaged Earth that's on the brink of war with the Lunar people. When Cinder becomes involved with Prince Kai, ruler of New Beijing, she must uncover secrets about her past in order to protect the world.

Morgan, Kass. *The 100*. Little, Brown, 2014. 323 p. (978-0316234498, pap.). 100 juvenile delinquents, considered to be expendable, are sent to an Earth that was destroyed by nuclear war. Their goal is to see whether the planet is habitable and then begin recolonizing.

Munroe, Randall. *Thing Explainer: Complicated Stuff in Simple Words*. Houghton Mifflin Harcourt, 2015. 61 p. (978-0544668256). The creator of the webcomic *xkcd* uses line drawings and common words to provide simple explanations for how things work, including microwaves, bridges, tectonic plates, the solar system, the periodic table, helicopters, and other essential concepts.

Munroe, Randall. *What If? Serious Scientific Answers to Absurd Hypothetical Questions*. Houghton Mifflin Harcourt, 2014. 320 p. (978-0544272996). The creator of the webcomic *xkcd* presents his heavily researched answers to readers' oddest questions.

Ness, Patrick. *The Knife of Never Letting Go*. Candlewick, 2014. 512 p. (978-0763676186, pap.). Tod Hewitt is being pursued by a madman preacher after fleeing his settlement on a planet where war with the natives has infected the men with a germ that broadcasts their thoughts for all to hear. Accompanied by Viola, a new colonist, the two hope to warn a spaceship full of settlers coming from the Old World.

\*Oh, Axie. *Rebel Seoul*. Tu, 2017. 389 p. (978-1620142998). In 2199 in the Neo State of Korea, 18-year-old Jaewon is partnered with supersoldier Tera, but their evolving love is threatened when Jaewon must choose among conflicting loyalties— to the totalitarian government that promises to end all war, the nationalist rebels his father followed, or the crime syndicate staging a coup.

Oliver, Lauren. *Replika: Lyra/ Gemma*. HarperCollins, 2017. 560 p. (978-0062394170, pap.). In a book that invites readers to start at either end or alternate between perspectives, Lyra and Gemma get the chance to escape from the protective environments in which they were raised while uncovering secrets about the bioresearch facility that connects them.

Oseid, Kelsey. *What We See in the Stars: An Illustrated Tour of the Night Sky*. Ten Speed, 2017. 159 p. (978-0399579530). Through a combination of art, mythology, and scientific facts, readers can tour the night sky.

Reeve, Philip. *Railhead*. Switch, 2017. 333 p. (978-1630790509, pap.). When petty thief and railhead Zen Starling is hired to steal a small box from the Emperor's train, it soon becomes clear that the box may be the key to the secrets and danger that lurk within the Great Network of trains.

Renn, Diana. *Tokyo Heist*. Speak, 2013. 373 p. (978-0142426548, pap.). After a high-profile art heist of three van Gogh drawings in her hometown of Seattle, 16-year-old Violet Rossi finds herself in Japan with her artist father, searching for the related van Gogh painting.

Reuter Hapgood, Harriet. *The Square Root of Summer*. Square Fish, 2017. 294 p. (978-1250115171, pap.). Gottie Oppenheimer, a 17-year-old physics prodigy, navigates grief, love, and disruptions in the space-time continuum in one very eventful summer.

Ridpath, Ian. *Smithsonian Handbooks: Stars and Planets*. DK, 2002. 224 p. (978-0789489883, pap.). A comprehensive pocket guide to observing the night sky, with information and illustrations featuring planets, constellations, and star charts.

Sanderson, Brandon. *Steelheart*. Ember, 2014. 386 p. (978-0385743570, pap.). At age eight, David watched as his father was killed by an Epic, a human with superhuman powers, and now, 10 years later, he joins the Reckoners— the only people who are trying to kill the Epics and end their tyranny.

Scagell, Robin. *Urban Astronomy: Stargazing from Towns & Suburbs*. Firefly, 2014. 208 p. (978-1770853256, pap.). An introduction to the hobby of astronomy in an urban setting, with tips for combatting light pollution and finding dark skies.

Scheckel, Larry. *Ask a Science Teacher: 250 Answers to Questions You've Always Had About How Everyday Stuff Really Works*. Experiment, 2013. 368 p. (978-1615190874, pap.). Collects 250 common science questions with uncomplicated explanations of their corresponding answers, covering a variety of science topics, including earth science, astronomy, physics, zoology, and the human body.

Schneider, Howard. *Backyard Guide to the Night Sky*. National Geographic Society, 2009. 286 p. (978-1426202810, pap.). An introduction for the beginning stargazer, covering topics ranging from understanding the phases of the moon to picking Mars out of a planetary lineup to identifying the kinds of stars twinkling in the constellations.

Scott, Elaine. *Space, Stars, and the Beginning of Time: What the Hubble Telescope Saw*. Clarion, 2011. 66 p. (978-0547241890). The Hubble telescope's images have transformed astronomy, sparking new discoveries and turning speculation into fact. Through the eye of the Hubble, Elaine Scott guides readers through the evolution of our universe, investigating a question that was once unanswerable: "Where did we come from?"

\*Shusterman, Neal. *Scythe*. Simon & Schuster, 2017. 433 p. (978-1442472433, pap.). In a world in which the only way to die is to be killed by a scythe, Citra and Rowan compete to earn a position as a scythe's apprentice— a competition that will see the loser die by the hand of the winner.

\*Silvera, Adam. *They Both Die at the End*. HarperTeen, 2017. 373 p. (978-0062457790). In a near-future New York City where a service alerts people on the day they will die, teenagers Mateo Torrez and Rufus Emeterio meet using the Last Friend app and are faced with the challenge of living a lifetime on their End Day.

\*Stok, Barbara. *Vincent*. SelfMadeHero, 2015. 144 p. (978-1906838799, pap.). This graphic biography documents Vincent van Gogh's time spent in Arles, Provence, covering his attempt to set up an artists' studio and his mental illness.

Swallow, James. *Sisters of Battle: The Omnibus*. Games Workshop, 2017. 752 p. (978-1784965723). The Adepta Sororitas, or Sisters of Battle, are the military arm of the Ecclesiarchy, and uniquely among the fighting forces of the Imperium, all the warriors of this organization are female.

Thomsett-Scott, Beth C., editor. *Marketing with Social Media: A LITA Guide, Second Edition*. ALA Neal-Schuman, 2018. 176 p. (978-0838916315, pap.). A resources for librarians that explores using social media tools to promote libraries and build communities.

Vallencourt, Margaret. *The History of Photography*. Britannica Educational, 2015. 196 p. (978-1680480733). This resource for young photographers provides a history of photography, discussing its evolution, notable photographers, and the development of specific genres.

\*Vaughan, Brian K. *Paper Girls 1*. Image Comics, 2016. 144 p. (978-1632156747, pap.). Supernatural mysteries and suburban drama collide in the early hours after the Halloween of 1988 for four twelve-year-old newspaper delivery girls.

Wright, Natalie. *Slime 101: How to Make Stretchy, Fluffy, Glittery & Colorful Slime*. Dover, 2017. 47 p. (978-0486820910, pap.). Easy instructions and color photos show how to create slime that glitters, glows in the dark, bubbles, and more, using ordinary household ingredients.

## Movies/DVDs

Abrams, J.J., director. *Star Trek*. Paramount Pictures, 2009. 128 min. (PG-13). In this alternate setting, James T. Kirk takes command of the *Enterprise* during an enemy attack, against the wishes of his first officer, Spock.

Abrams, J.J., director. *Star Trek: Into Darkness*. Paramount Pictures, 2013. 130 min. (PG-13). The crew of the *Enterprise* ventures into a war zone to find the villain who destroyed Starfleet.

\*Abrams, J.J., director. *Star Wars: The Force Awakens*. Walt Disney Pictures, 2015. 136 min. (PG-13). An ex-stormtrooper, a scrappy desert dweller, and a droid companion embark on a journey that brings them face-to-face with heroes from the past, who are now battling a fascist regime called the First Order.

Besson, Luc, director. *The Fifth Element*. Columbia Pictures, 1997. 126 min. (PG-13). A 23rd-century cabbie and an alien try to save the world from a raging fireball that's on a collision course with Earth.

Blakeson, J., director. *The 5th Wave*. Columbia Pictures, 2016. 112 min. (PG-13). Four waves of increasingly deadly alien attacks have left most of Earth decimated. Sixteen-year-old Cassie is one of the survivors, and she's trying desperately to save her brother.

del Toro, Guillermo, director. *Pacific Rim*. Warner Bros., 2013. 131 min. (PG-13). Mankind creates human-controlled robots to fight monsters that have risen from the sea, and a burned-out pilot and an inexperienced rookie are forced to work together to save the world from the beasts.

\*Edwards, Gareth, director. *Rogue One: A Star Wars Story*. Walt Disney Pictures, 2016. 133 min. (PG-13). A group of unlikely heroes band together on a mission to steal the plans to the Death Star, the Empire's ultimate weapon of destruction.

Gunn, James, director. *Guardians of the Galaxy*. Walt Disney Pictures, 2017. 137 min. (PG-13). Cosmic outlaws face an interstellar villain who seeks to control the universe with a powerful orb.

Gunn, James, director. *Guardians of the Galaxy, Vol. 2*. Walt Disney Pictures, 2014. 121 min. (PG-13). The team's adventures continue as they unravel the mystery of Peter Quill's true parentage.

Jennings, Garth, director. *The Hitchhiker's Guide to the Galaxy*. Walt Disney Pictures, 2005. 110 min. (PG). A cosmic joyride with an earthling, Arthur Dent, and his alien friend, who is writing a new edition of *The Hitchhiker's Guide to the Galaxy*.

Lin, Justin, director. *Star Trek: Beyond*. Paramount Pictures, 2016. 120 min. (PG-13). Captain Kirk and his crew are marooned on a remote planet after the *Enterprise* is attacked by a dictator named Krall.

Parisot, Dean, director. *Galaxy Quest*. Paramount Pictures, 1999. 103 min. (PG). Actors from a canceled sci-fi series are accidentally recruited by aliens to help defend them from a warlord.

\*Sonnenfeld, Barry, director. *Men in Black*. Columbia Pictures, 1997. 98 min. (PG-13). A humans-against-aliens saga in which a secret-agent duo track extraterrestrials living on Earth.

\*Sonnenfeld, Barry, director. *Men in Black II*. Columbia Pictures, 2002. 88 min. (PG-13). A shape-shifting extraterrestrial, bent on the world's destruction, is hunted by two agents, whose job is to keep tabs on Earth-dwelling aliens.

\*Sonnenfeld, Barry, director. *Men in Black III*. Columbia Pictures, 2012. 104 min. (PG-13). Agent J travels back in time to 1969 to prevent someone from rewriting the course of history.

Stanton, Andrew, director. *WALL-E*. Walt Disney Pictures, 2008. 98 min. (G). WALL-E is a waste-collecting robot who lives on an Earth abandoned by humans. When he discovers a plant growing in the waste, it sets off a journey into space that will ultimately decide the fate of humankind.

Waititi, Taika, director. *Thor: Ragnarok*. Walt Disney Pictures, 2017. 130 min. (PG-13). The mighty Thor finds himself in a lethal gladiatorial contest where he must fight for survival and race against time to prevent an all-powerful being from destroying Asgard.

## Web Resources

**Astronauts and Aliens.** <http://eu.montana.edu/starparty/>. A collection of planning documents, activities, and handouts for star parties, sun parties, and other space science events, as developed by the NASA for the Northwest project at Montana State University.

**Adding Monsters to Thrift Store Paintings.** <http://twistedstifter.com/2012/04/adding-monsters-to-thrift-store-paintings/>. A blog entry on the art of adding monsters and characters to thrift store landscapes.

**All About Instagram.** [www.slj.com/2016/02/technology/all-about-instagram/#\\_](http://www.slj.com/2016/02/technology/all-about-instagram/#_). An article from *School Library Journal* about effective ways to use Instagram, including generating content, attracting followers, and suggested accounts to follow.

**Art with Kids: How to Make Light Paintings.** <http://sketch42blog.com/2013/06/art-with-kids-how-to-make-light-paintings/>. In this art and interior design blog, the artist outlines her process of working with children to create light paintings.

**Artist Reimagines van Gogh's *Starry Night* with Pop Culture Icons.** <http://mymodernmet.com/starry-night-pop-culture-aja-kusick/>. Artist Aja Kusick combines pop culture characters and icons with van Gogh's iconic *The Starry Night*.

**A Beginner's Guide to Star Trail Photography.** [www.lomography.com/magazine/50375-a-beginners-guide-to-star-trail-photography](http://www.lomography.com/magazine/50375-a-beginners-guide-to-star-trail-photography). An introduction to taking long-exposure pictures of stars and their path across the night sky.

**Blog: Astronomy Week: STEM for Everyone!** [www.programminglibrarian.org/blog/astronomy-week-stem-everyone](http://www.programminglibrarian.org/blog/astronomy-week-stem-everyone). Programming Librarian's blog post about hosting an astronomy event on a sliding budget.

**Blog: We're Going on a Photo Hunter: A New Take on the Library Tour.**

[www.programminglibrarian.org/blog/were-going-photo-hunt-new-take-library-tour](http://www.programminglibrarian.org/blog/were-going-photo-hunt-new-take-library-tour). An alternative form of the photo scavenger hunt, this program description from the University of Dayton Libraries is all about teaching college students about their library.

**Book Trailers.** [www.youtube.com/playlist?list=PLG7BqhN4e5ISvK09nZqWKBu-7IvQGjDY0](http://www.youtube.com/playlist?list=PLG7BqhN4e5ISvK09nZqWKBu-7IvQGjDY0). A YouTube playlist of official book trailers for young adult titles, offered through the Epic Reads channel.

**Café Scientifique.** [www.cafescientifique.org/](http://www.cafescientifique.org/). A forum for the discussion of science cafés, how to start them, and resources.

**Cosmic Space Dough.** [www.growingajeweledrose.com/2012/08/glowing-cloud-dough-sensory-monsters.html](http://www.growingajeweledrose.com/2012/08/glowing-cloud-dough-sensory-monsters.html). A simple recipe for dough that sparkles and glows.

**DIY: How to Build an Outdoor Movie Screen.** <http://wholesomemommy.com/how-to-build-an-outdoor-movie-screen/>. A blog entry on how to construct a screen using bedsheets and PVC pipes.

**Elmer's Glue Slime Recipes.** [www.michaels.com/static/on/demandware.static/-/Sites-MichaelsUS-Library/default/docs/downloads/elmers-glue-slime-recipes.pdf](http://www.michaels.com/static/on/demandware.static/-/Sites-MichaelsUS-Library/default/docs/downloads/elmers-glue-slime-recipes.pdf). A list of basic recipes for white, clear, and glitter glue slime recipes.

**Epic Reads Explains.** [www.youtube.com/playlist?list=PLGTBqhN4e5IQfRvN5LSsoMYrCF1p6Ni3M](http://www.youtube.com/playlist?list=PLGTBqhN4e5IQfRvN5LSsoMYrCF1p6Ni3M). A YouTube playlist of videos providing short plot synopses of young adult books, paired with upbeat animations.

**Facilitating Discussion.** [www.ilovelibraries.org/booklovers/bookclub/facilitate-discussion](http://www.ilovelibraries.org/booklovers/bookclub/facilitate-discussion). A list of tips and generic discussions on participating in and hosting a book discussion.

**FunFlicks Outdoor Movies.** <http://funflicks.com/>. A service for renting outdoor movie equipment, available in the United States.

**Games Workshop.** [www.games-workshop.com/](http://www.games-workshop.com/). The official website of Games Workshop, a British miniature wargaming company.

**Geocaching.** [www.geocaching.com/](http://www.geocaching.com/). A website dedicated to geocaching, an outdoor recreational activity that uses GPS coordinates to locate hidden caches all over the world.

**Geocaching Scavenger Hunt.** [www.torontopubliclibrary.ca/programs-and-classes/featured/geocaching.jsp](http://www.torontopubliclibrary.ca/programs-and-classes/featured/geocaching.jsp). An example of libraries using geocaching to create a scavenger hunt; the Toronto Public Library hid caches at multiple branches and offered hints and coordinates for finding them, as well as guides on how to participate.

**GISHWHES.** [www.gishwhes.com/](http://www.gishwhes.com/). The official site of the Greatest International Scavenger Hunt the World Has Ever Seen, founded by actor Misha Collins. Provides numerous examples of photo and video scavenger hunt tasks, which could be used when brainstorming for a library scavenger hunt.

**Here's Why You're Going to See Painted Rocks Hidden Everywhere.** [www.marthastewart.com/1514087/why-you-see-painted-rocks-hidden-everywhere](http://www.marthastewart.com/1514087/why-you-see-painted-rocks-hidden-everywhere). An article explaining the hobby of painting and hiding rocks, rock groups, and how to use this activity to promote positivity and kindness.

**How Do I Find Movies in the Public Domain?** [www.prattlibrary.org/locations/sightsandsounds/index.aspx?id=5661](http://www.prattlibrary.org/locations/sightsandsounds/index.aspx?id=5661). The Enoch Pratt Free Library's list of resources for researching films that are in the public domain.

**How to Create and Hide a Geocache.** [www.wikihow.com/Create-and-Hide-a-Geocache](http://www.wikihow.com/Create-and-Hide-a-Geocache). A WikiHow guide to making and hiding your own geocache, including types of containers to use and posting of GPS coordinates.

**How to Light-Paint with an iPhone.** [www.dariustwin.com/blog/how-to-light-paint-with-an-iphone](http://www.dariustwin.com/blog/how-to-light-paint-with-an-iphone). A simple walkthrough of how to take pictures of light painting using an iPhone and related apps, with numerous photographs and instructional videos.

**How to Make a QR Code in 4 Quick Steps.** <https://blog.hubspot.com/blog/tabid/6307/bid/29449/how-to-create-a-qr-code-in-4-quick-steps.aspx>. Instructions and a list of resources for generating a QR code, which can be scanned and directs back to a specific web page.

**How to Make Galaxy Slime: The Sparkliest, Most Amazing Slime.** [www.schoolingamonkey.com/how-to-make-galaxy-slime/](http://www.schoolingamonkey.com/how-to-make-galaxy-slime/). A STEM-based blog features a recipe for making sparkly, galaxy-themed slime.

**How-To Tuesday: Sidewalk Chalk Ideas.** <http://coreymarie.com/2013/06/how-to-tuesday-sidewalk-chalk-ideas/>. A blog entry with tips for ways to improve and change the look of your sidewalk chalk art.

**Hubblesite.** <http://hubblesite.org/>. The official website of the Hubble Space Telescope, with an image gallery that offers examples of galaxies, nebulae, stars, and planets.

**iPad Light Painting.** [www.instructables.com/id/iPad-Light-Painting/](http://www.instructables.com/id/iPad-Light-Painting/). A tutorial on how to use an iPad to create light paintings.

**It's in the Stars! Astronomy at the Library.** [www.starnetlibraries.org/uncategorized/its-in-the-stars-astronomy-at-the-library/](http://www.starnetlibraries.org/uncategorized/its-in-the-stars-astronomy-at-the-library/). A basic overview on hosting stargazing parties at libraries.

**Kid-Friendly Papercraft: Spaceship.** <http://digitprop.com/2015/06/kid-friendly-papercraft-spaceship/amp/>. Downloadable patterns and instructions for a customizable papercraft of a small spaceship.

**"Library Telescope" Program Takes Off.** [www.skyandtelescope.com/observing/stargazers-corner/library-telescope-program-update/](http://www.skyandtelescope.com/observing/stargazers-corner/library-telescope-program-update/). A detailed article about the New Hampshire Astronomical Society's loaner telescope program and library partners.

**Light Painting: A Lomography Guide.** <https://microsites.lomography.com/light-painting/>. A guide to light painting, which breaks down information about camera settings and equipment.

**Light Painting Photography: History.** <http://lightpaintingphotography.com/light-painting-history/>. A history of photography that uses light painting, starting with the late 1880s and including numerous artists and technology.

**Michaels Slime Projects.** [www.michaels.com/slime\\_projects](http://www.michaels.com/slime_projects). A selection of slime recipes, with step-by-step instructions and lists of ingredients.

**The Modern Book Club (Meets in a Bar), by Leah L. White.**

<http://letterstoayounglibrarian.blogspot.com/2013/01/the-modern-book-club-meets-in-bar-by.html>. Advice from a librarian who has run a book club through a bar. This information could be easily translated into a setting that's friendly to teens.

**Night Sky Network.** <https://nightsky.jpl.nasa.gov/>. A coalition of amateur astronomy clubs around the United States, hosted by NASA's Jet Propulsion Laboratory at the California Institute of Technology. This resource allows you to search for local astronomy organizations.

**Painting with Light— How to Photograph Sparklers.** <http://moonbugphotography.com/painting-with-light-how-to-photograph-sparklers/>. A photography blog entry on using sparklers in light painting.

**Photo Scavenger Hunts.** [www.teenservicesunderground.com/photo-scavenger-hunts/](http://www.teenservicesunderground.com/photo-scavenger-hunts/). A guide to doing a photo scavenger hunts outside the library with teens and phones. A scavenger hunt list and suggested rules are included.

**Planet Party.** [http://clearinghouse.starnetlibraries.org/index.php?id\\_product=62&controller=product](http://clearinghouse.starnetlibraries.org/index.php?id_product=62&controller=product). A planning and activity guide from STAR\_Net for hosting a viewing party and partnering with a local astronomical society.

**Program Model: Telescope Lending Program.** [www.programminglibrarian.org/programs/telescope-lending-program](http://www.programminglibrarian.org/programs/telescope-lending-program). An outline of how to plan, budget, and advocate for a telescope lending program, based on the partnership of the St. Louis County Library District and the St. Louis Astronomical Society.

**The Science Café Guide: Everything You Need to Start Your Own.** [www.scivic.org/involved/the-science-cafe-guide-everything-you-need-to-start-your-own](http://www.scivic.org/involved/the-science-cafe-guide-everything-you-need-to-start-your-own). An overview of how to start your own science café, including the different kinds of formats, and necessary resources.

**Science Cafés.** [www.sciencecafes.org/](http://www.sciencecafes.org/). Hosted by Nova, this site covers how to start your own science café and how to participate as a speaker; it also includes a directory of science cafés.

**Science Cafés: Bringing STEM Experts to Your Community.** <http://programminglibrarian.org/learn/science-caf%C3%A9s-bringing-stem-experts-your-community>. A free webinar on how university libraries have made use of science cafés to engage their communities.

**The Science of Slime.**

[www.acs.org/content/dam/acsorg/education/resources/highschool/chemmatters/articlesbytopic/solidliquidsgases/chemmatters-dec2004-slime.pdf](http://www.acs.org/content/dam/acsorg/education/resources/highschool/chemmatters/articlesbytopic/solidliquidsgases/chemmatters-dec2004-slime.pdf). An article detailing the science that occurs when you make slime, with information about non-Newtonian fluids and viscosity.

**The Skyping Renaissance.** [www.slj.com/2014/11/technology/the-skyping-renaissance/](http://www.slj.com/2014/11/technology/the-skyping-renaissance/). A *School Library Journal* article on different uses for Skype for education and author visits. Includes a list of Skype author and classroom resources.

**Space and Astronaut Toy Action Figures.** [www.amazon.com/Space-Astronaut-Toy-Action-Figures/dp/B00V7IP2WA/ref=sr\\_1\\_1?s=toys-and-games&ie=UTF8&qid=1509693756&sr=1-1&keywords=astronaut+toys&dpID=511GKDFkrjL&preST=\\_SY300\\_QL70\\_&dpSrc=srch](http://www.amazon.com/Space-Astronaut-Toy-Action-Figures/dp/B00V7IP2WA/ref=sr_1_1?s=toys-and-games&ie=UTF8&qid=1509693756&sr=1-1&keywords=astronaut+toys&dpID=511GKDFkrjL&preST=_SY300_QL70_&dpSrc=srch). An example of small toy astronauts that can be purchased in bulk.

**Store Finder (Games Workshop).** [www.games-workshop.com/en-US/store/storefinder.jsp](http://www.games-workshop.com/en-US/store/storefinder.jsp). A resource for finding official Games Workshop stores and licensed independent retailers.

**There's a Massive Crochet Scavenger Hunt Happening in New York City.** [www.marthastewart.com/1512561/there-massive-crochet-scavenger-hunt-happening-new-york-city](http://www.marthastewart.com/1512561/there-massive-crochet-scavenger-hunt-happening-new-york-city). An article about Cindy Wang, a crafter who hid crocheted superheroes around New York City and used social media to promote the scavenger hunt for the dolls.

**Teen Book Club— Creating a Place to Read and Belong!** [www.teenlibrariantoolbox.com/2017/03/teen-book-club-creating-a-place-to-read-and-belong-a-guest-post-by-sheri-schubbe/](http://www.teenlibrariantoolbox.com/2017/03/teen-book-club-creating-a-place-to-read-and-belong-a-guest-post-by-sheri-schubbe/). Teen Librarian Toolbox provides advice for school and public librarians on partnering and building teen book clubs.

**Teen Book Clubs in Your Library.** [www.yalsa.ala.org/thehub/2015/12/11/teen-book-clubs-library/](http://www.yalsa.ala.org/thehub/2015/12/11/teen-book-clubs-library/). YALSA's *The Hub* interviews several different YA librarians about how they established, structured, and supplied their book clubs.

**Teen Science Café Network: Scientists & Teens Exploring Our World.** <https://teensciencecafe.org/>. A list of resources, topics, and a guide to starting your own teen-specific science café.

**The Unexpected Math Behind van Gogh's "Starry Night"— Natalya St. Clair.** <https://ed.ted.com/lessons/the-unexpected-math-behind-van-gogh-s-starry-night-natalya-st-clair>. An educational video on how *The Starry Night* accurately depicts turbulence.

**Vincent van Gogh: Emotion, Vision, and a Singular Style.** [www.moma.org/learn/moma\\_learning/vincent-van-gogh-the-starry-night-1889](http://www.moma.org/learn/moma_learning/vincent-van-gogh-the-starry-night-1889). The Museum of Modern Art's entry on van Gogh's *The Starry Night*, explaining his technique and the painting's history.

**Warhammer 40,000 Rules.** [www.games-workshop.com/en-DK/Warhammer-40000-Rules](http://www.games-workshop.com/en-DK/Warhammer-40000-Rules). This free PDF includes the core rules for Warhammer 40,000, including moving, shooting, and fighting, as well as a mission to get you started.

**Watch Emma Watson Leave Books Around the New York City Subway.** [www.vanityfair.com/style/2017/03/emma-watson-books-new-york-city-subway](http://www.vanityfair.com/style/2017/03/emma-watson-books-new-york-city-subway). An article on how the actress planted books around subway stations in order to promote reading, as part of the London-based organization Books on the Underground.

**What You Need to Host a Backyard Movie Theater Party.** <http://wholesomemommy.com/what-you-need-to-host-a-backyard-movie-theater-party/>. A list of the equipment you'll need for a small outdoor movie screening.

## Chapter 8: Star Trekking Across Our Universe

### Books

Aguilar, David A. *Space Encyclopedia: A Tour of Our Solar System and Beyond*. National Geographic Children's Books, 2013. 192 p. (978-1426309489). A tour of outer space explores the solar system as well as stars, galaxies, and the birth of planets, and speculates on whether other intelligent beings exist in the universe.

Bello, Kate. *Homemade Bath Bombs, Salts & Scrubs: 300 Natural Recipes for Luxurious Soaks*. Ulysses, 2015. 183 p. (978-1612434469, pap.). An extensive collection of recipes for bath bombs, bath salts, and scrubs, as well as information about the health benefits of using these products.

Bogard, Paul. *The End of Night: Searching for Natural Darkness in an Age of Artificial Light*. Back Bay, 2014. 352 p. (978-0316182911, pap.). A nonfiction writing instructor describes how modern artificial lights have changed the way humans experience darkness, mourning the fact that the primal dark sky can no longer influence science and art.

Capelotti, P.J. *The Human Archaeology of Space: Lunar, Planetary and Interstellar Relics of Exploration*. McFarland, 2010. 189 p. (978-0786458592, pap.). A catalog of archaeological artifacts that have been left behind in space as a result of human exploration, this work describes the remnants of lost satellites, discarded lunar rovers, depleted rockets, and various abandoned spacecraft. (McFarland Publishing)

Castellucci, Cecil. *Tin Star*. Square Fish, 2015. 233 p. (978-1250057006, pap.). Beaten and left for dead, 14-year-old Tula Bane finds herself abandoned on a space station called Yertina Feray after traveling with the colonist group, Children of Earth.

Devorkin, David H. and Robert W. Smith. *The Hubble Cosmos: 25 Years of New Vistas in Space*. National Geographic Society, 2015. 222 p. (978-1426215575). Presents 25 key discoveries of the Hubble Space Telescope, describing the impact it has had on the current understanding of the solar system and the origins of the universe, and the inspiration it has provided to the public imagination.

\*Duncan, Alexandra. *Salvage*. Greenwillow, 2015. 536 p. (978-0062220158, pap.). Ava, a teenage girl living aboard the male-dominated, conservative deep-space merchant ship *Parastrata*, faces betrayal, banishment, and death. Taking her fate into her own hands, she flees to the Gyre, a floating continent of garbage and scrap in the Pacific Ocean. How will she build a future on an Earth ravaged by climate change?

\*Duncan, Alexandra. *Sound*. Greenwillow, 2016. 486 p. (978-0062220189, pap.). Ava's adopted sister takes a job as a research assistant on her first space voyage only to be recruited for a life-changing mission to rescue a boy from the space pirates who abducted him.

\*Duyvis, Corinne. *On the Edge of Gone*. Harry N. Abrams, 2016. 464 p. (978-1419719035). In Amsterdam, the Netherlands, in 2034, a comet is due to hit the Earth within the hour, and Denise, who is autistic, must try to find her missing sister and help her neglectful, undependable mother safely aboard a spaceship.

\*Edwards, Janet. *Earth Flight*. Pyr, 2015. 365 p. (978-1633880924). Jarra has become a celebrity, despite being designated as "Handicap" because she can't travel to other planets. Though she's managed to make important archaeological discoveries, not everyone is happy that she's become famous or that she's fallen in love with a "norm."

\*Edwards, Janet. *Earth Girl*. Pyr, 2013. 250 p. (978-1616147655). It's 2789, and Jarra has been abandoned on Earth. She is deemed to be "Handicap" because her immune system won't allow her to survive on other planets.

\*Edwards, Janet. *Earth Star*. Pyr, 2014. 287 p. (978-1616148973). In this sequel to *Earth Girl*, Jarra finds herself in the spotlight after being awarded military honors for her role in a daring rescue attempt. Despite her deeds, she is still derided as being an "ape" and "Handicap" because she can't leave Earth.

Faiola, Anne-Marie. *Pure Soapmaking: How to Create Nourishing, Natural Skin Care Soaps*. Storey, 2016. 239 p. (978-1612125336). A guide to making all-natural soaps using herbs and other organic ingredients.

Galat, Joan Marie. *Dark Matters: Nature's Reaction to Light Pollution*. Red Deer, 2017. 70 p. (978-0889955158). Blending science with a personal narrative, the author looks back on her childhood spent camping, her fascination with constellations, and passion for learning about animals. As an adult biologist, she examines how light pollution affects these interests.

Gill, David Macinnis. *Black Hole Sun*. Greenwillow, 2012. 362 p. (978-0061673061, pap.). On the planet Mars, 16-year-old Durango and his crew of mercenaries are hired by the settlers of a mining community to protect their most valuable resource from a feral band of marauders.

Gill, David Macinnis. *Invisible Sun*. Greenwillow, 2013. 388 p. (978-0062073334, pap.). A sequel to *Black Hole Sun* finds mercenary Durango emerging from a quest to save the world only to be sent on a new mission that both infuriates his loved ones and risks their lives.

Gill, David Macinnis. *Shadow on the Sun*. Greenwillow, 2017. 432 p. (978-0062073365, pap.). A companion to *Invisible Sun* and *Black Hole Sun* follows the continued efforts of Durango and his witty nano-implant Mimi to outmaneuver Durango's ambitious father while Vienne struggles to find Durango before it is too late.

Goldstein, Margaret J. *Garbage in Space: A Space Discovery Guide*. Lerner, 2017. 48 p. (978-1512425901). Explores the problem of space junk that clutters Earth's orbit and details the ways in which NASA and other organizations are trying to solve this problem.

Gray, Claudia. *Defy the Stars*. Little, Brown, 2017. 503 p. (978-0316394031). Teenaged soldier Noemi and an enemy robot, Abel, who is programmed to obey her commands, set out on an interstellar quest to save her home planet, Earth colony Genesis.

James, Nick. *Crimson Rising*. Flux, 2012. 355 p. (978-0738723426, pap.). When 15-year-old Jesse manages to smuggle a mysterious red Pearl, a fragment of space debris that is a dying Earth's most important energy source, he sets forth a destructive chain of events.

James, Nick. *The Pearl Wars*. Flux, 2011. 376 p. (978-0738736372, pap.). Sworn enemies Jesse Fisher and Cassius Stevenson cross paths when they both venture into forbidden territory in pursuit of Pearls - small, mysterious orbs that fall from space and are capable of supplying enough energy to power entire cities.

James, Nick. *Strikeforce*. Flux, 2013. 353 p. (978-0738723426, pap.). When Earth comes under attack by alien forces, Cassius and his brother, Jesse, become key leaders in marshaling the planet's remaining forces only to be further challenged by shifting alliances, sabotaging traitors, and a development that requires an ultimate sacrifice.

\*Kaczynski, Heather. *Dare Mighty Things*. Harpertimeen, 2017. 377 p. (978-0062479860). Genetically engineered Cassandra Gupta's entire life has been leading up to the opportunity to travel to space. But she must compete against the best people on the planet to earn a place on a mission with a hidden objective.

Kennedy, Katie. *What Goes Up*. Bloomsbury Children's Books, 2017. 327 p. (978-1619639126). Teenagers Rosa and Eddie, trainees in a top-secret space exploration and research program, must thwart the aliens' Earth-destroying mission by stealing their spacecraft and traveling extra-dimensionally to an alternate Earth.

Kenney, Karen Latchana. *Exoplanets: Worlds Beyond Our Solar System*. Twenty First Century, 2017. 88 p. (978-1512400861). Learn about the planets that exist outside of our solar system, and the actions scientists are taking to learn more about them.

Lake, Nick. *Satellite*. Alfred A. Knopf, 2017. 453 p. (978-1524713539). A teen born in space makes his first trip to Earth after being raised by teams of astronauts, a visit that proves to be more treacherous than anticipated.

\*Lukens, F.T. *The Star Host*. Duet, 2016. 240 p. (978-1941530726, pap.). When Ren is kidnapped from his backwater planet by the despotic Baron, he discovers that the legends his mother told him about the Star Hosts are true, and that he is one of them.

Maberry, Jonathan. *Mars One*. Simon & Schuster, 2017. 435 p. (978-1481461610). When his family is chosen for a first mission to colonize Mars, Tristan reluctantly says goodbye to his girlfriend before the sabotaging acts of a terrorist group make him question the mission's purpose.

Mason Crest. *The Solar System series*. Multiple titles. Mason Crest, 2016. 40–48 p. (ISBNs vary). A series of informational texts on the solar system, examining Earth, the Sun, near and distant planets, as well as comets and meteors.

Morgan, Ben, editor. *The Planets*. DK, 2014. 256 p. (978-1465424648). This overview of the planets features 3-D models and cross sections of planets and moons in the solar system, as well as timelines chronicling major space missions and a variety of infographics.

Morgan, Ben, editor. *Space! The Universe as You've Never Seen It Before*. DK, 2015. 208 p. (978-1465438065). This title combines computer-generated 3-D images with facts about subjects ranging from black holes and the big bang theory to the planets and rover technology.

Nix, Garth. *A Confusion of Princes*. HarperCollins, 2013. 337 p. (978-0060096960, pap.). Battling aliens, space pirates, and competitors, Prince Khemri meets a young woman named Raine, and learns more than he expected about the hidden workings of a vast, intergalactic empire and about himself.

\*North, Phoebe. *Starglass*. Simon & Schuster, 2014. 441 p. (978-1442459540, pap.). For all of her 16 years, Terra has lived in a city within a spaceship that left Earth 500 years ago seeking refuge, but as they finally approach the chosen planet, she is drawn into a secret rebellion that could change the fate of her people.

\*North, Ryan. *The Midas Flesh 1*. Boom! Studios, 2014. 128 p. (978-1608864553, pap.). Joey and her crew go to Earth— a planet that's been abandoned - to find the body of the legendary King Midas. Due to its curse, it has become a powerful weapon.

\*North, Ryan. *The Midas Flesh 2*. Boom! Studios, 2015. 128 p. (978-1608867271, pap.). Having found the body of King Midas, Joey and her space crew turn it into a weapon that can turn any planet into gold.

Pyper, Brittanie. *Adorkable Bubble Bath Crafts: 50 Easy, Geeky-Clean Crafts to Make Kid's Bath Time Awesome*. Page Street, 2017. 143 p. (978-1624143755, pap.). Themed recipes for making products like soaps, sugar scrubs, bath bombs, bath crayons, and bath salts.

Revis, Beth. *Across the Universe*. Razorbill, 2011. 398 p. (978-1595144676, pap.). Amy joins her parents as frozen cargo aboard the vast spaceship *Godspeed* and expects to awaken on a new planet 300 years in the future, but her frozen slumber abruptly ends when someone on board the ship tries to murder her.

Revis, Beth. *A Million Suns*. Razorbill, 2012. 404 p. (978-1595145376, pap.). Three months after Amy is disconnected from her family, she learns harrowing news about the spaceship *Godspeed* and accompanies Elder on a race to unlock a puzzle that was set in motion centuries earlier, a situation that is complicated by their growing feelings for each other.

Revis, Beth. *Shades of Earth*. Razorbill, 2013. 441 p. (9781595146151, pap.). Amy hopes to reach her long-sought new home on Centauri-Earth, while she and Elder confront unexpected dangers that threaten their colony and challenge their views on what it means to be human..

Ryan, Amy Kathleen. *Flame*. Griffin, 2012. 326 p. (978-0312621360, pap.). Waverly, Kieran, and Seth are trapped with their enemies on board the *New Horizon*, where Kieran doubts the intentions of a power-seeking Anne Mather, and Waverly clashes with Kieran over her cooperation with a mysterious elderly man.

Ryan, Amy Kathleen. *Glow*. Griffin, 2012. 318 p. (978-1250007834, pap.). Part of the first generation to be conceived in deep space, 15-year-old Waverly is expected to marry young and have children to populate a new planet, but a violent betrayal by the dogmatic leader of their sister ship could have devastating consequences.

Ryan, Amy Kathleen. *Spark*. Griffin, 2013. 309 p. (9781250031952, pap.). Waverly and Kieran are finally reunited on the *Empyrean*, but when Seth is released from the brig the night of an explosion that sends the ship off-course, tensions reach a boiling point, as Waverly ponders following her heart.

Schilling, Govert. *Deep Space: Beyond the Solar System to the End of the Universe and the Beginning of Time*. Black Dog & Leventhal, 2014. 224 p. (978-1579129781). An extensive collection of photographs and illustrations, as well as a star atlas, that explores the mysteries of space that lie beyond our solar system.

Sparrow, Giles, Judith John, and Chris McNab, editors. *The Solar System*. Cavendish Square, 2016. 80 p. (978-1502610188). Provides an overview of the solar system, including profiles of each planet, related facts, and a discussion of moon systems.

Thompson, Craig. *Space Dumplins*. Graphix, 2015. 310 p. (9780545565431, pap.). Violet Marlocke sets out with a group of misfit friends on an outer space mission to find and rescue her father, who has disappeared during a dangerous job.

Trefil, James. *Space Atlas: Mapping the Universe and Beyond*. National Geographic Society, 2012. 335 p. (978-1426209710). An illustrated tour of the universe, beginning in our own solar system before moving on to the Milky Way galaxy and finally on to the building blocks of the universe, including dark matter and dark energy.

Tyson, Neil deGrasse. *Death by Black Hole: And Other Cosmic Quandaries*. W.W. Norton, 2014. 384 p. (978-0393350388, pap.). A collection of essays on the cosmos, written by an American Museum of Natural History astrophysicist, includes "Holy Wars," "Ends of the World," and "Hollywood Nights."

Young, Karen Romano. *Space Junk: The Dangers of Polluting Earth's Orbit*. Twenty First Century, 2016. 64 p. (978-1467756006). Examines the proliferation of space debris in outer space and discusses methods of retrieving and disposing of the material.

\*Yukimura, Makoto. *Planetes Omnibus 1*. Dark Horse Manga, 2015. 528 p. (978-1616559212, pap.). This manga follows the lives of three interplanetary space debris collectors, each with their own dreams and personal problems.

\*Yukimura, Makoto. *Planetes Omnibus 2*. Dark Horse Manga, 2016. 524 p. (978-1616559229, pap.). This second volume continues to follow the adventures of three interplanetary space debris collectors. As one joins a mission to Jupiter, the others refuse to abandon their jobs even as the planet is facing a war that could set off the Kessler syndrome.

## Movie/DVD

Stanton, Andrew, director. *WALL-E*. Walt Disney Pictures, 2008. 98 min. (G). WALL-E is a waste-collecting robot who lives on an Earth abandoned by humans. When he discovers a plant growing in the waste, it sets off a journey into space that will ultimately decide the fate of humankind.

## Web Resources

**100 More Great Escape Room Puzzle Ideas.** <http://blog.nowescape.com/100-more-great-escape-room-puzzle-ideas/>. An article listing different kinds of puzzles that can be used in commercial escape rooms, with several that can be adapted to library programming.

**All About Space Junk.** <https://futurism.com/images/junkyard-in-the-sky-earths-space-junk-problem-infographic/>. An infographic about the history of space debris, its origins, and notable objects that have fallen back to earth.

**Astromaterials Research & Exploration Science.** <https://orbitaldebris.jsc.nasa.gov/>. The official web page of the NASA Orbital Debris Program Office, with information about cataloging debris, research about the issue, and photographs.

**Breakout EDU.** [www.breakoutedu.com/www.cafescientifique.org/](http://www.breakoutedu.com/www.cafescientifique.org/). An immersive game platform for all ages; players work collaboratively to solve a series of critical thinking puzzles in order to open a locked box. Kits are available for purchase and educational games can be downloaded for free.

**Dark Skies Rangers: Dark Skies and Energy Education.** [www.globeatnight.org/dsr/](http://www.globeatnight.org/dsr/). An extensive assortment of light pollution-related activities, worksheets, guides, and other resources, provided by the National Optical Astronomy Observatory.

**De-light the Night (Light Pollution Solutions).** [www.youtube.com/watch?v=xSv33prmGY](http://www.youtube.com/watch?v=xSv33prmGY). A TEDx Talk by astronomer and Carnegie Mellon University lecturer Diane Turnshek outlining a series of changes humans can make to fight light pollution.

**DIY Bath Bombs.** <http://inspiredbycharm.com/2016/09/diy-bath-bombs.html>. Step-by-step instructions for making a basic bath bomb.

**DIY Heart Emoji Pillows.** [www.lifeannstyle.com/2015/01/diy-heart-emoji-pillows/](http://www.lifeannstyle.com/2015/01/diy-heart-emoji-pillows/). Step-by-step instructions, with pictures and video, on how to make a circular pillow with an emoji face.

**Dorm Crafts: Easy No-Sew Fleece Pillows.** [www.thespruce.com/dorm-crafts-no-sew-fleece-pillows-3570005](http://www.thespruce.com/dorm-crafts-no-sew-fleece-pillows-3570005). Instructions for making a pillow that ties together with a fringe and could be used as an alternative sun pattern.

**Education and Public Engagement: Quality Lighting Teaching Kit.** [www.noao.edu/education/qltkit.php](http://www.noao.edu/education/qltkit.php). Educational resources that include several activities that explore quality lighting through problem-based learning.

**Escape Rooms: Escape the Ordinary.** [www.teenservicesunderground.com/escape-rooms-escape-the-ordinary/](http://www.teenservicesunderground.com/escape-rooms-escape-the-ordinary/). The Teen Services Underground blog outlines how the Fairfield Public Library hosted an escape room, including a manual that provides technical details on how to create a similar program at your library. This blog offers several entries on escape-room programming.

**Fun Science for a Space Theme: Fizzing Planets.** <https://fun-a-day.com/fun-science-space-theme-fizzing-planets/>. A simple recipe for making a fizzing science experiment.

**Harry Potter Escape Room.** [www.teenservicesunderground.com/harry-potter-escape-room/](http://www.teenservicesunderground.com/harry-potter-escape-room/). This Teen Services Underground blog entry offers detailed instructions about creating a Harry Potter-themed escape room, along with resources. This blog offers several entries on escape-room programming.

**How to Make a Model of the Solar System: A Guest Post by Joe Butterworth (Age Almost 13).** [www.hodgepodgecraft.com/how-to-make-a-model-of-the-solar-system/](http://www.hodgepodgecraft.com/how-to-make-a-model-of-the-solar-system/). Detailed crafting instructions for making the planets and a model solar system.

**How to Paint a Watercolor Galaxy.** [www.youtube.com/watch?annotation\\_id=annotation\\_400713385&feature=iv&src\\_vid=ZfVLLjS912E&v=Px016xgwZrM](http://www.youtube.com/watch?annotation_id=annotation_400713385&feature=iv&src_vid=ZfVLLjS912E&v=Px016xgwZrM). A video tutorial on painting a galaxy using watercolors.

**How to Paint Space in Acrylic with Kids.** [www.adventure-in-a-box.com/how-to-paint-space-in-acrylic-with-kids/](http://www.adventure-in-a-box.com/how-to-paint-space-in-acrylic-with-kids/). Pictures and a video illustrate these directions for making messy space paintings.

**How to Paint Space in Watercolors with Kids.** [www.adventure-in-a-box.com/painting-space-watercolours-kids/](http://www.adventure-in-a-box.com/painting-space-watercolours-kids/). Outlines techniques for creating a watercolor galaxy.

**How To: Solar System Mobile.** [www.alannageorge.com/2012/09/13/how-to-solar-system-mobile/](http://www.alannageorge.com/2012/09/13/how-to-solar-system-mobile/). A crafting blog with instructions on making a mobile of our solar system.

**How to Use Fortune Tellers as a Revision Aid.** [www.instructables.com/id/How-to-use-Fortune-Tellers-as-a-Revision-Aid/](http://www.instructables.com/id/How-to-use-Fortune-Tellers-as-a-Revision-Aid/). Step-by-step instructions on how to make an origami fortune-teller and use it for educational purposes.

**How Your Cell Phone Is Destroying Your Sleep: Blue Light Sleep Effects.** [www.youtube.com/watch?v=NqG-9iL2ISl](http://www.youtube.com/watch?v=NqG-9iL2ISl). A video explaining how artificial blue light can affect our bodies' circadian rhythm, and potential solutions.

**International Dark-Sky Association.** [www.darksky.org](http://www.darksky.org). Official website of the International Dark-Sky Association, an organization dedicated to raising awareness of light pollution and advocating for night- sky conservation.

**Lesson Plan: Which Way to the Ocean?** [www.pbs.org/pov/citydark/lesson-plan/](http://www.pbs.org/pov/citydark/lesson-plan/). A lesson on how light pollution has affected the loggerhead turtle species, designed for grades 6–12.

**Light Pollution Is More Dangerous Than You Think.** [www.youtube.com/watch?v=sYAzTYmXMBg](http://www.youtube.com/watch?v=sYAzTYmXMBg). A video outlining the ways that light pollution affects animals like sea turtles, birds, and salamanders, as well as humans.

**List of Fictional Spacecraft.** [https://en.wikipedia.org/wiki/List\\_of\\_fictional\\_spacecraft](https://en.wikipedia.org/wiki/List_of_fictional_spacecraft). A Wikipedia entry gathering a list of space stations and ships from fictional universes such as *Star Trek*, *Star Wars*, *Battlestar Galactica*, *Doctor Who*, and many other sources.

**Lock Paper Scissors.** <https://lockpaperscissors.co/>. Downloadable escape-room scenarios, as well as kits, are available for purchase so you can run your own escape room from any location.

**Make a Unique Solar System Diorama.** [www.stormthecastle.com/diorama/solar-system-diorama/make-a-solar-system-diorama.htm](http://www.stormthecastle.com/diorama/solar-system-diorama/make-a-solar-system-diorama.htm). Directions for making a solar system diorama that also functions like a kind of telescope.

**Make Your Own Bath Bombs \*LUSH Inspired\*.** [www.muffinchanel.com/2016/03/make-your-own-bath-bombs-lush-inspired/](http://www.muffinchanel.com/2016/03/make-your-own-bath-bombs-lush-inspired/). A detailed recipe and instructions for making bath bombs.

**NASA Science: Solar System Exploration.** <https://solarsystem.nasa.gov/solar-system/our-solar-system/overview/>. An overview of the solar system's planets, small bodies, moons, regions, and stars.

**Planets.** [http://kids.nationalgeographic.com/explore/adventure\\_pass/weird-but-true/planets/#WBT2\\_43.png](http://kids.nationalgeographic.com/explore/adventure_pass/weird-but-true/planets/#WBT2_43.png). A National Geographic guide to the solar system, with pictures, videos, and games.

**Sea Fever.** [www.poetryfoundation.org/poems/54932/sea-fever-56d235e0d871e](http://www.poetryfoundation.org/poems/54932/sea-fever-56d235e0d871e). The text of John Masefield's poem "Sea Fever" as provided by the Poetry Foundation.

**Size Comparison— Science Fiction Spaceships.** <https://dirkloechel.deviantart.com/art/Size-Comparison-Science-Fiction-Spaceships-398790051>. An artist's depiction of a massive assortment of science fiction spaceships in a detailed chart, available for reuse by the artist.

**Space Debris and Human Spacecraft.** [www.nasa.gov/mission\\_pages/station/news/orbital\\_debris.html](http://www.nasa.gov/mission_pages/station/news/orbital_debris.html). An article from NASA about the way space debris is tracked and planned for, particularly in regards to the International Space Station.

**Space Junk Explained: How Orbital Debris Threatens Future of Spaceflight.** [www.space.com/23039-space-junk-explained-orbital-debris-infographic.html?cmpid=518257](http://www.space.com/23039-space-junk-explained-orbital-debris-infographic.html?cmpid=518257). An article and infographic about the dangers posed by space debris and proposed methods of removing it.

**Space Stained Glass Suncatchers.** [www.adventure-in-a-box.com/space-stained-glass-suncatchers/](http://www.adventure-in-a-box.com/space-stained-glass-suncatchers/). Instructions for making a space-themed suncatcher using transparent paint and a plastic plate. An alternative to canvas painting.

**Spectacular Summer Science: Nocturnal Animals and Light Pollution.**

<http://blog.growingwithscience.com/2016/08/spectacular-summer-science-nocturnal-animals-and-light-pollution/>. Informational resources on light pollution, along with several related activities.

**Sorting Through Our Space Junk.** [www.worldsciencefestival.com/infographics/space-junk-infographic/](http://www.worldsciencefestival.com/infographics/space-junk-infographic/). A brief infographic about some of the more unusual items of space debris.

**Teen Programs in a Box: Build an Escape Room by Michelle Biber.** [www.teenlibrariantoolbox.com/2017/06/build-an-escape-room-by-michelle-biber/](http://www.teenlibrariantoolbox.com/2017/06/build-an-escape-room-by-michelle-biber/). A short guide with additional resources for any librarian considering planning an escape room.

**Ten Fictional Spacecraft We Wish Were Real.** <https://science.howstuffworks.com/10-fictional-spacecraft-we-wish-were-real.htm>. A top-ten list of spacecraft that would benefit humanity in a meaningful way, compiled by HowStuffWorks.

**Top 100 Images: Hubble Space Telescope.** [www.spacetelescope.org/images/archive/top100/](http://www.spacetelescope.org/images/archive/top100/). The European Space Agency's collection of the top 100 images taken from the Hubble Space Telescope.

**What Major World Cities Look like at Night, Minus the Light Pollution.** [www.smithsonianmag.com/science-nature/what-major-world-cities-look-like-at-night-minus-the-light-pollution-12087147/](http://www.smithsonianmag.com/science-nature/what-major-world-cities-look-like-at-night-minus-the-light-pollution-12087147/). The Smithsonian's article about photographer Thierry Cohen's display featuring famous cities darkened to view the night sky.

**What Makes You Tick: Circadian Rhythms.** [www.youtube.com/watch?v=2BoLqqNuqwA](http://www.youtube.com/watch?v=2BoLqqNuqwA). A video from OxfordSparks on how our bodies are controlled by circadian rhythms and how teens' circadian rhythms change during adolescence.

**Where Are the Stars? See How Light Pollution Affects Night Skies.** [www.youtube.com/watch?v=0FXJUP6\\_O1w](http://www.youtube.com/watch?v=0FXJUP6_O1w). A National Geographic video depicting light pollution levels in different areas of California and Oregon.

**Why We Need Darkness to Survive.** [www.youtube.com/watch?v=C\\_9f7Qq4YZc](http://www.youtube.com/watch?v=C_9f7Qq4YZc). A TEDx talk by Diane Knutson, a former park ranger, who lectures about the impact of light pollution on our entire ecosystem and actions that we can take to combat it.

**Wikihow: Make a Solar System Mobile.** [www.wikihow.com/Make-a-Solar-System-Mobile](http://www.wikihow.com/Make-a-Solar-System-Mobile). Step-by-step instructions on researching, designing, and constructing a solar system model.

## Chapter 9: A Sky Full of Stories

### Books

\*Abdel-Fattah, Randa. *The Lines We Cross*. Scholastic, 2017. 400 p. (978-1338118667). Michael's parents are leaders of a new anti-immigrant political party; Mina fled Afghanistan with her family 10 years ago, and just wants to concentrate on fitting in and getting into college. When the two become friends, Michael begins to question his family's politics.

\*Albertalli, Becky. *Simon vs. the Homo Sapiens Agenda*. Balzer & Bray, 2015. 303 p. (978-0062348678). Sixteen-year-old, not-so-openly-gay Simon Spier is blackmailed into playing wingman for his classmate or else his sexual identity— and that of his pen pal— will be revealed.

\*Alifirenka, Caitlin and Martin Ganda, with Liz Welch. *I Will Always Write Back: How One Letter Changed Two Lives*. Little, Brown & Co., 2016. 402 p. (978-0316241335, pap.). Traces the friendship between an American girl and her pen pal from an impoverished region of Zimbabwe, describing how 12-year-old Caitlin wrote to an unknown student for a class assignment and shared a life-changing six-year correspondence.

\*Allen, Jennifer. *Malama Honua: Hōkūle'a— A Voyage of Hope*. Patagonia, 2017. 351 p. (978-1938340697). The *Hōkūle'a* was launched in Hawaii in 2014 and traveled 60,000 miles around the world, to 23 different countries. The double-hulled voyaging canoe's journey is documented through interviews with crew members, scientists, and educators.

Amoruso, Sophia. *#GIRLBOSS*. Portfolio, 2015. 239 p. (978-1591847939, pap.). The founder of Nasty Gal fashion shares a manifesto for ambitious young women that explains how to channel personal passion and energy while overcoming insecurities, outlining advice on doing work and garnering recognition.

Anderson, Chris. *TED Talks: The Official TED Guide to Public Speaking*. Mariner, 2017. 288 p. (978-1328710284, pap.). Chris Anderson, head of TED since 2001, explains how to develop one's unique public-speaking and communication skills.

Anderson, Jennifer Joline. *Writing Fantastic Fiction*. Lerner Classroom, 2015. 56 p. (978-1467782906, pap.). Presents a guide to writing fiction pieces and provides instruction on such writing techniques as gathering inspiration— developing characters, setting, and plot— and revising rough drafts.

\*Anderson, Jodi Lynn. *Tiger Lily*. HarperTeen, 2013. 292 p. (978-0062003263, pap.). Fifteen-year-old Tiger Lily receives special protections from the spiritual forces of Neverland, but then she meets her tribe's most dangerous enemy— Peter Pan— and falls in love with him.

Bardugo, Leigh. *Six of Crows*. Square Fish, 2018. 512 p. (978-1250076960, pap.). Six dangerous outcasts must learn to work together after they are offered an impossible heist that can save the world from destruction.

Barrett, Tracy. *King of Ithaka*. Square Fish, 2014. 261 p. (978-0312551483, pap.). When 16-year-old Telemachos and his two best friends, one a centaur, leave their life of privilege to undertake a quest to find Telemachos's father, Odysseus, they learn much along the way about what it means to be a man and a king.

Berson, David. *Celestial Navigation: A Practical Guide to Knowing Where You Are*. Seahorse, 2018. 224 p. (978-1944824020). A textbook for learning celestial navigation techniques, combining modern and traditional methods.

Black, Holly. *The Coldest Girl in Coldtown*. Little, Brown, 2014. 419 p. (978-0316213097, pap.). When Tana wakes up in the aftermath of a violent vampire attack, she travels to Coldtown, a quarantined Massachusetts city full of vampires, with her ex-boyfriend and a mysterious vampire boy in tow.

Blake, Kendare. *Three Dark Crowns*. HarperTeen, 2016. 398 p. (978-0062385437). On the island of Fennbirn, triplet sisters who each wield a coveted magic skill and claim an equal right to the throne must fight to the death when they turn 16 for the title of Queen Crowned.

\*Block, Francesca Lia. *Dangerous Angels: The Weetzie Bat Books*. HarperTeen, 2010. 478 p. (978-0062007407, pap.). Presents five novels of life in modern Los Angeles, where Weetzie Bat and her friends and family interact with ghosts from their past and with each other as they search for love, connection, and acceptance.

Brewer, Heather. *The Cemetery Boys*. HarperTeen, 2016. 304 p. (978-0062307897, pap.). When Stephen moves to the small, midwestern town where his father grew up, he quickly falls in with punk girl Cara and her charismatic twin brother, Devon; but the town has a dark secret, and the twins are caught in the middle of it.

Brosh, Allie. *Hyperbole and a Half: Unfortunate Situations, Flawed Coping Mechanisms, Mayhem, and Other Things That Happened*. Touchstone, 2013. 369 p. (9781-451666175, pap.). A collection of illustrated autobiographical essays and cartoons from the author's blog. Brosh humorously and candidly reveals her own idiosyncrasies and battles with depression.

Carson, Rae. *Walk on Earth a Stranger*. Greenwillow, 2016. 453 p. (978-0062242921, pap.). Set in the early 1800s, this is the story of Leah Westfall, who has a secret talent— she can sense the presence of gold around her. When her parents are robbed and murdered, Leah disguises herself as a boy and leaves George for the gold rush in California.

Cashore, Kristin. *Graceling*. Houghton Mifflin Harcourt, 2009. 471 p. (978-0547258300, pap.). In a world where some are born with powerful skills and talents called Graces, Katsa's Grace has made her a tool of torture for her uncle, the king. She struggles to redeem herself and fight back, teaming up with another young fighter.

Castellucci, Cecil, and Nate Powell. *The Year of the Beasts*. Square Fish, 2014. 175 p. (978-1250050762, pap.). Tessa tries not to let jealousy invade her relationship with her younger sister, Lulu, when Tessa's crush, Charlie, falls for Lulu, but the occurrence sets in motion a course of events that puts everyone's love and friendship to the test. Chapters alternate between prose and graphic-novel format.

\*Chbosky, Stephen. *The Perks of Being a Wallflower*. MTV, 2012. 213 p. (978-1451696196, pap.). Charlie struggles to cope with the complex world of high school as he deals with the confusions of sex and love, the temptations of drugs, and the pain of losing a close friend and a favorite aunt.

\*Chmakova, Svetlana. *Awkward*. JY, 2015. 210 p. (978-0316381307, pap.). After shunning Jaime, the school nerd, on her first day at a new middle school, Penelope Torres tries to blend in with her new friends in the art club, until the art club goes to war with the science club, of which Jaime is a member.

\*Cliff, Tony. *Delilah Dirk and the Turkish Lieutenant*. First Second, 2013. 167 p. (978-1596438132, pap.). Nineteenth-century adventurer Delilah Dirk plots to rob a rich and corrupt sultan in Constantinople with the aid of her flying boat and her newfound friend, Selim.

D'Aulaire, Ingrid, and Edgar Parin d'Aulaire. *D'Aulaires' Book of Greek Myths*. Delacorte Books for Young Readers, 1992. 192 p. (978-0440406945, pap.). Learn about Greek gods in an illustrated storybook.

Dickinson, Terence. *Nightwatch: A Practical Guide to Viewing the Universe: Revised and Updated*. Firefly, 2006. 192 p. (978-1554071470). A reference guide for stargazers, offering star charts and information on equipment, planets, and stellar photography. This edition has been updated for use through 2025.

Doctorow, Cory. *Little Brother*. Tor Teen, 2010. 416 p. (978-0765323118, pap.). Marcus usually uses his hacking skills to outwit his school's surveillance. But when a terrorist attack takes place in San Francisco, Marcus and his friends are arrested in the aftermath and brutally interrogated. When released, Marcus finds his city has drastically changed.

Elliott, David. *Bull*. Houghton Mifflin Harcourt, 2017. 189 p. (978-0544610606). Presents a darkly humorous, modern twist on the Theseus and Minotaur myth, told in verse.

Eforde, Jasper. *The Last Dragonslayer*. Houghton Mifflin Harcourt, 2013. 287 p. (978-0544104716, pap.). As magic fades from the world, Jennifer Strange is having trouble keeping her magician employment agency business afloat, until she begins having visions that foretell the death of the last dragon and the coming of Big Magic.

Flinn, Alex. *Beastly*. HarperTeen, 2012. 512 p. (978-0062113917, pap.). Presents a modern retelling of "Beauty and the Beast" from the point of view of the Beast, a vain Manhattan private-school student who is turned into a monster and must find true love before he can return to his human form.

Foglio, Phil, and Kaja Foglio. **Girl Genius series**. Multiple titles. Studio Foglio, 2001–2017. 96–168 p. (ISBNs vary, pap.). In a world that revolves around mad scientists known as Sparks, Agatha discovers that she not only is a Spark, but she's a part of the Heterodyne family, one of the most powerful— and typically evil— families to have existed.

Forman, Gayle. *If I Stay*. Speak, 2014. 304 p. (978-0147514530, pap.). Seventeen-year-old Mia is in a coma after an automobile accident that killed her parents and younger brother. As Mia, a gifted cellist, weighs the decision to live or join her family in death, she looks back on her life so far.

\*Fraction, Matt. **Hawkeye series**. Multiple titles. Marvel Enterprises, 2013–2015. 120–160 p. (ISBNs vary, pap.). While Clint Barton— or Hawkeye— is a member of the Avengers, he uses his spare time to combat a Russian gang in New York City, infiltrate a high-stakes villain auction with Young Avenger Kate Bishop, and take over managing an apartment complex.

Gagnon, Michelle. *Don't Turn Around*. HarperCollins, 2013. 310 p. (978-0062102911, pap.). Since her parents died, 16-year-old Noa has used her hacking skills to keep herself safe. But after waking up on an operating table with no memory of how she got there, Noa realizes that she'll need help to discover who's hunting her and why.

Gaiman, Neil. *The Sleeper and the Spindle*. HarperCollins, 2015. 66 p. (978-0062398246). A young queen sets out to rescue a princess from an enchantment. She casts aside her wedding clothes and takes her chain mail and her sword, following her retainers into the tunnels under the mountain towards the sleeping kingdom. But the princess who needs rescuing is not what she seems.

Gaiman, Neil, and Terry Pratchett. *Good Omens*. Avon, 2007. 384 p. (978-0060853976, pap.). The world is going to end next Saturday, but there are a few problems— the Antichrist has been misplaced, the Four Horsemen of the Apocalypse ride motorcycles, and the representatives from heaven and hell decide that they like the human race.

Gaiman, Neil, and Michael Reaves. *Interworld*. HarperTeen, 2013. 264 p. (978-0062125309, pap.).

Directionally challenged, Joey Harker, after discovering that he has the power to travel between dimensions, walks right out of his universe and into the middle of an epic battle between good and evil.

Geras, Adèle. *Troy*. Houghton Mifflin Harcourt, 2017. 357 p. (978-0544925465, pap.). Told from the point of view of the women of Troy, this story portrays the last weeks of the Trojan War, when women are sick of tending the wounded, men are tired of fighting, and bored gods and goddesses find ways to stir things up.

Gottschall, Jonathan. *The Storytelling Animal: How Stories Make Us Human*. Mariner, 2013. 272 p. (978-0544002340, pap.). Explores the latest beliefs about why people tell stories and what stories reveal about human nature, offering insights into such related topics as universal themes and what it means to have a storytelling brain.

\*Haddon, Mark. *The Curious Incident of the Dog in the Night-Time*. Vintage, 2004. 226 p. (978-1400032716, pap.). Despite his overwhelming fear of interacting with people, Christopher, a mathematically gifted, autistic boy, decides to investigate the murder of a neighbor's dog and uncovers secret information about his mother.

Hamilton, Edith. *Mythology: Timeless Tales of Gods and Heroes*. Black Dog & Leventhal, 2017. 371 p. (978-0316438520). A classic collection of Greek and Roman myths arranged in sections on the gods and early heroes, love and adventure stories, and the Trojan War, as well as a brief section on Norse mythology, now with illustrations.

Hartman, Rachel. *Seraphina*. Ember, 2014. 515 p. (978-0375866227, pap.). In a world where dragons and humans coexist and dragons can assume human form, Seraphina, whose mother died giving birth to her, grapples with her own identity while she struggles to accept and develop her musical talents.

Headley, Maria Dahvana. *Magonia*. HarperCollins, 2016. 336 p. (978-0062320537, pap.). Aza has a disease so rare, it's named after her. And while she's been diagnosed as terminally ill, she's unprepared for when she dies, and even more so when she finds herself suddenly transported to a massive airship.

Heifetz, Milton D., and Wil Tirion. *A Walk Through the Heavens: A Guide to Stars and Constellations and Their Legends*. Cambridge University Press, 2017. 106 p. (978-1316645512, pap.). A guide to the constellations of the Northern Hemisphere, as well as associated myths and legends.

Hensley, Joy N. *Rites of Passage*. HarperTeen, 2014. 401 p. (978-0062295194). Accepting a dare issued by her brother before his death, Sam McKenna joins the first-ever class of girls at a military academy and finds herself targeted by brutal male classmates whose actions are prompted by a secret society.

Hillyer, Lexa. *Proof of Forever*. HarperTeen, 2016. 339 p. (978-0062330383, pap.). Magically transported back in time to the summer when they were 15 years old, four estranged former best friends revisit events, interpersonal dynamics, and a devastating secret that led to their separation.

Hodge, Rosamund. *Crimson Bound*. Balzer & Bray, 2016. 441 p. (978-0062224774, pap.). Based loosely on "Little Red Riding Hood" and a lesser-known story, "The Girl with No Hands," this is the story of Rachele, a girl who ignored her mother's warning and wandered into the woods, becoming marked by the firstborn and forced to kill or be killed.

\*Howe, K.R., editor. *Vaka Moana: Voyages of the Ancestors*. University of Hawaii Press, 2007. 368 p. (978-0824832131). An illustrated and accessible account of the history of Pacific Islander voyaging, with pictures, artifacts, maps, and diagrams.

Kagawa, Julie. *Talon*. Harlequin Teen, 2016. 458 p. (978-0373212156, pap.). In a world in which near-extinct dragons pass as humans to grow their numbers secretly, siblings Ember and Dante Hill prepare for destined positions in the world of Talon, only to be hunted by a dragon-slaying soldier.

\*Kaling, Mindy. *Is Everyone Hanging Out Without Me? (And Other Concerns)*. Three Rivers, 2012. 222 p. (978-0307886279, pap.). The Emmy-nominated writer and actress shares her observations on a range of topics, including her favorite male archetypes, her hatred of dieting, her loving relationship with her mother, and the haphazard creative writing process.

Keplinger, Kody. *The DUFF: Designated Ugly Fat Friend*. Poppy, 2015. (978-0316381802, pap.). Seventeen-year-old Bianca Piper starts having sex with Wesley Rush, who disgusts her, in order to distract herself from her personal problems. To her surprise, the two of them have more in common than she would've ever imagined, and she finds herself falling for the guy she thought she hated most in the world.

\*Kiely, Brendan. *The Last True Love Story*. Margaret K. McElderry, 2017. 279 p. (978-1481429894, pap.). Teddy decides to take his grandfather, who now has early-stage Alzheimer's, on one last road trip. He also brings along his classmate— and crush— Corrina, who is struggling to make something happen with her music career.

Levine, Gail Carson. *Writing Magic: Creating Stories That Fly*. HarperCollins, 2014. 167 p. (978-0062367174, pap.). Newbery Honor author Gail Carson Levine shares inspirational advice, techniques, and writing exercises.

\*Levithan, David. *Every Day*. Ember, 2013. 324 p. (978-0307931894, pap.). Waking up in the body of a different person every day and struggling to pass through each experience without raising alarm, "A" endures a lonely existence before falling in love with a girl named Rhiannon, with whom A endeavors to reunite.

\*Levithan, David. *Hold Me Closer: The Tiny Cooper Story*. Speak, 2016. 224 p. (9780147516107, pap.). Tiny Cooper was introduced in *Will Grayson, Will Grayson*, but now he gets to take center stage in his own book. Told in the style of a musical, his story covers his fabulous birth and childhood, to his quest for true love.

\*Lo, Malinda. *Ash*. Little, Brown, 2010. 264 p. (978-0316040105, pap.). In this variation on the Cinderella story, Ash grows up believing in the fairy realm that the king and his philosophers have sought to suppress, until one day she must choose between a handsome fairy cursed to love her and the King's Huntress whom she loves.

Lockhart, E. *The Disreputable History of Frankie Landau-Banks*. Disney-Hyperion, 2009. 345 p. (978-0786838196, pap.). Sophomore Frankie starts dating senior Matthew Livingston, but when he refuses to talk about the all-male secret society that he and his friends belong to, Frankie infiltrates the society in order to enliven their mediocre pranks.

Lockhart, E. *We Were Liars*. Delacorte, 2014. 227 p. (978-0385741262). Spending the summers on her family's private island off the coast of Massachusetts with her cousins and a special boy named Gat, teenaged Cadence struggles to remember what happened during her 15th summer.

\*Low, Sam. *Hawaiki Rising: Hokulea, Nainoa Thompson, and the Hawaiian Renaissance*. Island Heritage Publishing, 2013. 343 p. (978-1617102004). A history of Polynesian navigation and a chronicle of the development of the Polynesian Voyaging Society.

Maas, Sarah J. *Throne of Glass*. Bloomsbury USA, 2013. 406 p. (978-1619630345, pap.). After she has served a year of hard labor in the salt mines of Endovier for her crimes, Crown Prince Dorian offers assassin Celaena Sardothien her freedom on the condition that she act as his champion in a competition to find a new royal assassin.

McGinnis, Mindy. *Not a Drop to Drink*. Katherine Tegen, 2014. 352 p. (978-0062198518, pap.). Struggling for survival in a drought-stricken world, teen Lynn fiercely protects her pond from strangers and finds her life endangered by mysterious adversaries who leave footprints nearby, send nighttime threats, and fire warning gunshots in her direction.

Meyer, Marissa. **Lunar Chronicles series**. Multiple titles. Square Fish, 2013–2018. 222–800 p. (ISBNs vary, pap.). In this retelling of several classic fairy tales, Cinder is a gifted mechanic and cyborg, living on an overcrowded, plague-ravaged Earth that's on the brink of war with the Lunar people. When Cinder becomes involved with Prince Kai, ruler of New Beijing, she must uncover secrets about her past in order to protect the world.

\*Monroe, Jean Guard. *They Dance in the Sky: Native American Star Myths*. Houghton Mifflin Harcourt, 2007. 130 p. (978-0618809127, pap.). The authors combine factual information on both astronomy and Native American culture with authentic tales and myths about constellations told by many American Indian tribes.

\*Morishige, Takuma. **My Neighbor Seki series**. Multiple titles. Vertical Comics, 2015–2018. 162–180 p. (ISBNs vary, pap.). Every day, Seki creates intricate worlds of games, dioramas, and projects at his desk, unbeknownst to his teachers and fellow students, except for Rumi, who is constantly distracted by his antics.

Moulton, Erin E. *Keepers of the Labyrinth*. Philomel, 2015. 287 p. (978-0399164590). Visiting Crete for a Future Leaders convention, Lilith is subjected to a series of tests created by the Daughters of Ariadne, a secret sisterhood dedicated to guarding the ancient Greek Labyrinth.

\*Murphy, Julie. *Dumplin'*. Balzer & Bray, 2017. 400 p. (978-0062327192, pap.). Questioning her plus-sized body for the first time when an athletic boy appears to return her affections, Willowdean enters her city's beauty pageant and uses her sassy styles and talents to compete against thinner contestants.

\*Ness, Patrick. *The Rest of Us Just Live Here*. HarperTeen, 2016. 317 p. (978-0062403179, pap.). The best friend of a kid with superhuman abilities tries to have a life of his own that is both normal and extraordinary in the face of constant world-shaking challenges, threats against his school, and an elusive pretty girl.

Nielsen, Jennifer A. *Mark of the Thief*. Scholastic, 2015. 339 p. (978-0545561556, pap.). When Nic, a slave, is forced to enter a cave that supposedly holds the lost treasures of Caesar, he discovers an amulet with divine powers. Suddenly he finds himself at the center of a conspiracy to overthrow the emperor, sparking the Praetor War.

Nix, Garth. *Sabriel*. HarperTeen, 2008. 311 p. (978-0061474354, pap.). Sabriel, daughter of the necromancer Abhorsen, must journey into the mysterious and magical Old Kingdom to rescue her father from the Land of the Dead.

O'Connor, George. **Olympians series**. Multiple titles. First Second, 2010–2018. 76–80 p. (ISBNs vary, pap.). Drawing from primary documents, this graphic-novel series reconstructs and retells classic Greek myths.

\*Oima, Yoshitoki. **A Silent Voice series**. Multiple titles. 2015–2016. 192 p. (ISBNs vary, pap.). Shoya, a bully who tormented a deaf girl in elementary school, seeks to make amends for his past mistakes.

Olcott, William Tyler. *Star Lore: Myths, Legends, and Facts*. Dover, 2004. 453 p. (978-0486435817, pap.). Originally published in 1911, Olcott's work collects a variety of mythology associated with constellations, as well as star charts and classical illustrations.

Oliver, Lauren. *Panic*. HarperCollins, 2015. 432 p. (978-0062014566, pap.). A high-stakes competition marks a summer in a small, isolated community and compels graduating seniors Heather and Dodge to tap inner strengths while hiding dangerous secrets and forging unexpected alliances.

Oppel, Kenneth. *This Dark Endeavor*. Simon & Schuster, 2012. 298 p. (978-1442403161, pap.). When his twin brother falls ill in the family's chateau in the independent republic of Geneva, Victor Frankenstein embarks on a quest to create the Elixir of Life described in an ancient text in the family's secret Bibliotheka Obscura.

Oseid, Kelsey. *What We See in the Stars: An Illustrated Tour of the Night Sky*. Ten Speed, 2017. 159 p. (978-0399579530). Through a combination of art, mythology, and scientific facts, readers can tour the night sky.

Perkins, Stephanie. *Isla and the Happily Ever After*. Speak, 2015. 368 p. (978-0142426272, pap.). Isla has had a crush on classmate Josh since their freshman year at the School of America in Paris, but after a chance encounter over the summer in Manhattan, they return to France for their senior year, where they are forced to confront challenges every young couple in love must face.

Prineas, Sarah. *Ash & Bramble*. HarperTeen, 2016. 480 p. (978-0062337955, pap.). Pin works as a Seamstress in the Godmother's fortress, with no memory of who she is. But after she and the Shoemaker dare to escape, Pin is recaptured and forced to live a new life not of her choosing.

\*Quick, Matthew. *Sorta Like a Rock Star*. Little, Brown, 2011. 355 p. (978-0316043533, pap.). Amber Appleton is a relentless optimist, even though she secretly lives with her mom and their dog on a school bus. But when a fatal tragedy threatens Amber's optimism, can she continue to be the rock star of hope?

Redwine, C.J. *The Shadow Queen*. Balzer & Bray, 2016. 387 p. (978-0062360250, pap.). Lorelai is an exiled princess with one mission— to kill the wicked queen who murdered her father and took her throne. Unfortunately, she's being pursued by a magic-wielding prince who serves as the personal huntsman for evil queen Irina, in this dark retelling of "Snow White."

Ridpath, Ian. *Smithsonian Handbooks: Stars and Planets*. DK, 2002. 224 p. (978-0789489883, pap.). A comprehensive pocket guide to observing the night sky, with information and illustrations featuring planets, constellations, and star charts.

Riske, Kris Brandt. *Llewellyn's Complete Book of Astrology: The Easy Way to Learn Astrology*. Llewellyn Worldwide, 2007. 336 p. (978-0738756417). An introductory guide to astrology.

Rosinsky, Natalie M. *Write Your Own Myth*. Compass Point, 2009. 64 p. (978-0756533731, pap.). Explains how to create myths, from crafting heroic characters to creating plots, with examples from successful books.

\*Rowell, Rainbow. *Eleanor & Park*. Griffin, 2013. 328 p. (978-1250012579). The year-long, star-crossed romance set in 1986 features two high school misfits who know that first loves almost never work, thought they can't help but try.

Rowell, Rainbow. *Fangirl*. Griffin, 2013. 438 p. (978-1250030955). Being consummate fans of the Simon Snow series helped Cath and her twin sister, Wren, cope as little girls when their mother left them. But as they start college, Cath— a dedicated fan-fiction writer— fears she isn't ready to live without Wren holding her hand— or without her passion for Snow.

Ruby, Laura. *Bone Gap*. Balzer & Bray, 2016. 345 p. (978-0062317629, pap.). Knowing that his sister has been kidnapped by a dangerous assailant and that she did not abandon the family like their mother did years earlier, Finn confronts town secrets to organize a search.

\*Sano, Nami. **Haven't You Heard? I'm Sakamoto series**. Multiple titles. Seven Seas, 2015–2016. 164–180 p. (ISBNs vary, pap.). Model student, beacon of inspiration, gentle spirit of guidance, and friend among friends— you name it, Sakamoto can do it. He's your go-to guy for any problem. But not everyone takes kindly to his unflappable persona, because, let's face it, no one can truly be his match. Right?

\*Shabazz, Ilyasah, with Kekla Magoon. *X*. Candlewick, 2016. 348 p. (978-0763690922, pap.). A novel, written in part by Ilyasah Shabazz and based her father's formative years. It depicts his impoverished childhood, the murder of his father, and his imprisonment at age 20, where he finds faith and begins his path towards activism.

Shepherd, Megan. *The Madman's Daughter*. Balzer & Bray, 2013. 420 p. (978-0062128034, pap.). Dr. Moreau's 16-year-old daughter, Juliet, travels to her estranged father's island, only to encounter murder, medical horrors, and a love triangle. Inspired by H. G. Wells' classic *The Island of Dr. Moreau*.

\*Shusterman, Neal. *Challenger Deep*. HarperTeen, 2016. 308 p. (978-0061134142, pap.). A brilliant but troubled high school student pretends to engage in sports activities and uses his artistic talents to document his voyage to the world's southernmost point while his friends observe his increasingly unbalanced behavior.

\*Smith, Andrew. *Grasshopper Jungle: A History*. Speak, 2015. 388 p. (978-0142425008, pap.). Austin Szerba narrates the end of humanity as he and his best friend, Robby, accidentally unleash an army of giant, unstoppable bugs and uncover the secrets of a decades-old experiment gone terribly wrong.

Spinner, Stephanie. *Quicksilver*. Laurel Leaf, 2006. 229 p. (978-0440238454, pap.). Hermes, Prince of Thieves and son of Zeus, relates why the seasons change, the history of the Trojan War, his friendship with Pegasus, and many more adventures in the world of Greek mythology.

\*Staal, Julius D.W. *The New Patterns in the Sky: Myths and Legends of the Stars*. McDonald & Woodward, 1988. 300 p. (978-0939923045, pap.). A comprehensive collection of myths, legends, and historical notes about constellations, with an eye towards lore developed in cultures around the world.

Steffoff, Rebecca. *Astrology and Astronomy*. Cavendish Square, 2014. 48 p. (978-1627125079, pap.). Looks at how astrological beliefs have shaped history while considering how they hold up against the scientific method, and compares and contrasts astrology and astronomy.

\*Stevenson, Noelle. **Lumberjanes series**. Multiple titles. Boom! Studios, 2015–2018. 112–128 p. (ISBNs vary, pap.). Five best friends are spending the summer at Lumberjane scout camp, where they encounter yetis, three-eyed wolves, and giant falcons while trying to solve a mystery that will affect the fate of the world.

\*Stevenson, Noelle. *Nimona*. HarperTeen, 2015. 266 p. (978-0062278227, pap.). Nimona is an impulsive young shapeshifter who wants to work with Lord Ballister Blackheart, a nefarious villain who has ties to the kingdom's Institution of Law Enforcement and Heroics.

Stiefvater, Maggie. *The Raven Boys*. Scholastic, 2013. 409 p. (978-0545424936, pap.). Blue Sargent's gift seems to be that she makes other people's talents stronger, and when she meets Gansey, one of the Raven Boys from the Aglionby Academy, she discovers that together their talents are a dangerous mix.

Sweet, Caitlin. *The Door in the Mountain*. ChiTeen, 2014. 264 p. (978-1771481915, pap.). Through the door in the mountain is the world of ancient Crete, where princess Ariadne seeks to imprison her brother in a mountain maze, a boy named Icarus tries to fly, and a slave girl changes the world forever.

Swindell, Salli, and Nate Padavick. *20 Ways to Draw a Star and 44 Other Far-Out Wonders from Sky and Galaxy*. Quarry, 2015. 96 p. (9781631590597, pap.). An inspirational drawing guide made to encourage artists to consider different styles and techniques, with simple illustrations.

\*Takaya, Natsuki. **Fruits Basket series**. Multiple titles. Yen, 2016–2017. 333–390 p. (ISBNs vary, pap.). Plucky high schooler Tohru Honda is homeless and living in a tent. What she doesn't know is that she's living on private land belonging to the mysterious Sohma family, who have a secret of their own - when touched by the opposite sex, they turn into the animals of the Chinese zodiac.

\*Tynion IV, James. **The Woods series**. Multiple titles. Boom! Studios, 2014–2018. 96–112 p. (ISBNs vary, pap.). Tests, dances, and typical high school drama doesn't seem to matter when 437 students, 52 teachers, and 24 additional staff from Bay Point Preparatory High School vanish without a trace, appearing light years away, in the middle of an ancient, primordial wilderness.

\*Urasawa, Naoki. **Master Keaton series**. Multiple titles. Viz, 2014–2017. 298–352 p. (ISBNs vary, pap.). Taichi Hiraga Keaton uses his training in archaeology and his experience as a former member of the British Special Air Service to travel the world as a freelance insurance investigator, solving mysteries and thwarting would-be villains.

\*Wilkinson, Philip. *Myths & Legends*. DK, 2009. 352 p. (978-0756643096, pap.). Presents a guide to myths and ancient legends from the cultures of Europe, Asia, Africa, the Americas, and Oceania, including creation tales and stories of heroes, gods, mythical beings, and magical animals.

\*Wilson, G. Willow and Adrian Alphona. **Ms. Marvel series**. Multiple titles. Marvel. 2014–2017. 112–144 p. (ISBNs vary, pap.). Kamala Khan, a Pakistani American girl from Jersey City with fairly strict Muslim parents, suddenly acquires superhuman power. Trying to balance the pressures of school and home is normally difficult, but having superpowers makes it even more complicated.

\*Yang, Gene Luen. *The Shadow Hero*. First Second, 2014. 158 p. (978-1596436978, pap.). Hank is the son of Chinese immigrants who own a grocery store in 1940s America. When his mother is rescued by a superhero, she decides that it's Hank's fate to become a hero himself, no matter how much he wants to live a quiet life.

## Movies/DVDs

Branagh, Kenneth, director. *Thor*. Walt Disney Pictures, 2011. 110 min. (PG-13). Thor battles a force to sent to destroy Earth after being banished from Asgard for fanning the flames of an ancient conflict.

Clements, Ron, and John Musker, directors. *Aladdin*. Walt Disney Pictures, 1992. 90 min. (G). When Aladdin, a street urchin, vies for the love of a princess, he uses a genie's magic power to disguise himself as a prince.

Clements, Ron, and John Musker, directors. *Hercules*. Walt Disney Pictures, 1997. 95 min. (G). The son of Zeus and Hera is stripped of his immortality as an infant and must become a true hero in order to reclaim it in this Disney musical.

\*Clements, Ron, John Musker, Chris Williams, and Don Hall, directors. *Moana*. Walt Disney Pictures, 2016. 113 min. (PG). Moana, a future chieftain, journeys to right a terrible curse caused by the demigod Maui, learning to become a wayfinder like her ancestors.

Columbus, Chris, director. *Percy Jackson & the Olympians: The Lightning Thief*. Twentieth Century Fox, 2010. 118 min. (PG). A teenager discovers he's the descendant of a Greek god and sets out on an adventure to settle an ongoing battle between the gods.

\*Daichi, Akitarô, director. *Fruits Basket*. Nihon Ad Systems, 2001. Various runtimes. (NR). Plucky high schooler Tohru Honda is homeless and living in a tent. What she doesn't know is that she's living on private land belonging to the mysterious Sohma family, who have a secret of their own— when touched by the opposite sex, they turn into the animals of the Chinese zodiac.

\*Daichi, Akitarô, director. *Kamisama Kiss*. FUNimation Entertainment, 2012. Various runtimes. (TV-PG). When Nanami Momozono's dad skips town and she has nowhere to live, she accepts a stranger's offer to take his home. However, the home is a local shrine, and Nanami has unknowingly taken over as its deity.

Freudenthal, Thor, director. *Percy Jackson & the Olympians: Sea of Monsters*. Twentieth Century Fox, 2013. 106 min. (PG). Percy Jackson, the son of Poseidon, continues his epic journey to fulfill his destiny, as he teams with his demigod friends to retrieve the Golden Fleece, which has the power to save their home and training ground, Camp Half-Blood.

Jenkins, Patty, director. *Wonder Woman*. Warner Bros., 2017. 141 min. (PG-13). An Amazon princess leaves her island home and journeys to the outside world, which is being consumed by a massive war. With the help of an American pilot, she works to put an end to the conflict.

\*Knight, Travis, director. *Kubo and the Two Strings*. Focus Features, 2016. 101 min. (PG). A young Japanese boy embarks on a journey to learn the truth about his missing father. Along the way, he battles the vengeful Moon King and two evil twin sisters with his *shamisen*, a magical stringed instrument.

Leterrir, Louis, director. *Clash of the Titans*. Warner Bros., 2010. 106 min. (PG-13). Courageous warrior Perseus fights to prevent Hades from overthrowing Zeus and bringing ruin to the world in this fantasy adventure based on stories from Greek mythology.

\*Nagahama, Hiroshi, and Ichigo Sugawara, directors. *Mushi-Shi*. FUNimation Entertainment, 2007. Various runtimes. (TV-14). Set in an imaginary time between the Eno and Meiji periods, this series follows Ginko, a traveler who aids people suffering from problems caused by creatures called Mushi.

\*Ômori, Takahiro, director. *Natsume Yûjin-chô*. Nihon Ad Systems, 2008. Various runtimes. (NR). When Natsume Takashi inherits a book that belonged to his late grandmother, he realizes the book is filled with the names of spirits she defeated and bound to her will. He decides to return their names so they can be free once again.

Sommer, Stephen, director. *The Mummy*. Universal Pictures, 1999. 125 min. (PG-13). An adventurer, a librarian, and her brother walk into an archaeological dig and ... accidentally awaken an ancient mummy.

Zemeckis, Robert, director. *Beowulf*. Paramount Pictures, 2007. 113 min. (PG-13). A mythic saga of the Scandinavian warrior who sets out to save a kingdom by vanquishing monsters, dragons, and a bewitching creature of the deep.

## Web Resources

**12 YA Books You Should Read Based on Your Zodiac Sign, Because Obviously All the Answers Lie in the Stars.** [www.bustle.com/articles/81757-12-ya-books-you-should-read-based-on-your-zodiac-sign-because-obviously-all-the-answers](http://www.bustle.com/articles/81757-12-ya-books-you-should-read-based-on-your-zodiac-sign-because-obviously-all-the-answers). A list recommending a titles based on characteristics for each astrological sign.

**15 Best Space Watching Apps.** [www.tomsguide.com/us/pictures-story/752-best-space-watching-apps.html](http://www.tomsguide.com/us/pictures-story/752-best-space-watching-apps.html). Provides a list of recommended astronomy-related apps for Android and iOS devices. Many of these apps use augmented-reality technology to identify constellations and objects in the night sky.

**Archeoastronomy.** [www.wvu.edu/skywise/archeoastronomy.html](http://www.wvu.edu/skywise/archeoastronomy.html). A collection of storytelling resources for different cultures, all with a focus on astronomy-based mythology.

**Book Activities.** <http://riyl.wikispaces.com/Book+Activities>. A Wikispaces resource that offers a selection of book-related teen activities, including book talks, book clubs, genre dating, and more.

**Book Recommendations Based on Your Astrological Sign.** [www.epicreads.com/blog/book-recommendations-based-on-your-astrological-sign/](http://www.epicreads.com/blog/book-recommendations-based-on-your-astrological-sign/). An Epic Reads list of book recommendations based on the personality traits associated with astrological signs.

**Book Speed Dating: How I Did It and Why I'll Do It Again.** [www.readerpants.net/2013/12/book-speed-dating-how-i-did-it-and-why.html](http://www.readerpants.net/2013/12/book-speed-dating-how-i-did-it-and-why.html). A school librarian offers step-by-step instructions for hosting a book speed-dating program for teens, along with a timeline and resources.

**Book Tasting Program.** [www.teenservicesunderground.com/book-tasting-program/](http://www.teenservicesunderground.com/book-tasting-program/). This Teen Services Underground blog entry offers detailed instructions about running a book-tasting program, complete with menus, timeline, and materials needed.

**Constellation Assignment.** <http://mrscienceut.net/ConstellationAssignment.pdf>. A homework assignment for students studying constellations. It provides instructions for how to design a constellation, asks astronomy-based questions, and encourages students to create a myth for their constellation.

**Dennis Schatz.** [www.dennisschatz.org](http://www.dennisschatz.org). Educator, author, and Senior Advisor to the Pacific Science Center, Dennis Schatz's official website features some of his favorite science activities, curriculum, and publications.

**DIY Clothes! 3 DIY Shoes Projects.** [www.youtube.com/watch?v=2r-zF48muPk](http://www.youtube.com/watch?v=2r-zF48muPk). A YouTube video demonstrating how to make over shoes, including a tutorial on using acrylic paint on black canvas boots to create a galaxy-style look.

**DIY: Constellation Jar.** [www.designmom.com/diy-constellation-jar/](http://www.designmom.com/diy-constellation-jar/). Detailed instructions, with pictures, on how to use a disposable cake pan to create a constellation jar.

**DIY Galaxy Shoes!** [www.babyfirstblog.com/diy-galaxy-shoes\\_/](http://www.babyfirstblog.com/diy-galaxy-shoes_/). Step-by-step instructions, with pictures, for making galaxy tennis shoes.

**DIY Galaxy Shoes!** [www.babyfirstblog.com/diy-galaxy-shoes\\_/](http://www.babyfirstblog.com/diy-galaxy-shoes_/). Step-by-step instructions, with pictures, for making galaxy tennis shoes.

**DIY: Sharpie Galaxy Shoes!** [www.youtube.com/watch?v=OieLIA6tRho](http://www.youtube.com/watch?v=OieLIA6tRho). A video showing all the steps for creating galaxy shoes.

**Find the Dipper and the North Star.** [www.physics.ucla.edu/~huffman/finddip.html](http://www.physics.ucla.edu/~huffman/finddip.html). A short guide to locating Polaris, the North Star, in the night sky.

**Google Sky.** [www.google.com/sky/](http://www.google.com/sky/). A sky/space viewer that is a feature for Google Earth, allowing users to view images taken from resources such as NASA satellites, the Sloan Digital Sky Survey, and others.

**The Greek Gods.** <http://olympiansrule.com/about-the-greek-gods/>. A family tree of Greek gods, connecting to George O'Connor's graphic-novel Olympians series.

**The History of Keeping Time— Karen Mensing.** [www.youtube.com/watch?v=74IOMORKNIE](http://www.youtube.com/watch?v=74IOMORKNIE). A short, animated TED talk on the history of time-telling methods.

**Hōkūle'a - Polynesian Voyaging Society.** [www.hokulea.com/](http://www.hokulea.com/). The Polynesian Voyaging Society seeks to perpetuate the art and science of traditional Polynesian voyaging through educational programs meant to inspire students and their communities.

**Hōkūle'a, the Hawaiian Canoe Traveling the World by a Map of the Stars.**

[www.npr.org/sections/codeswitch/2016/05/27/479468130/hokulea-the-hawaiian-canoe-traveling-the-world-by-a-map-of-the-stars](http://www.npr.org/sections/codeswitch/2016/05/27/479468130/hokulea-the-hawaiian-canoe-traveling-the-world-by-a-map-of-the-stars). An article by NPR about the *Hōkūle'a*, a voyaging canoe built to revive the tradition of Polynesian exploration, as it continues its journey around the world.

**How Did Polynesian Wayfinders Navigate the Pacific Ocean?— Alan Tamayose and Shantell De Silva.**

[www.youtube.com/watch?v=m8bDCaPhOek](http://www.youtube.com/watch?v=m8bDCaPhOek). An animated TED talk explaining how Polynesian navigators traveled thousands of kilometers without the use of navigational aids.

**How to Make a Constellation Jar.** [www.somethingmonumental.com/2012/08/how-to-make-constellation-jar.html](http://www.somethingmonumental.com/2012/08/how-to-make-constellation-jar.html). An alternative method for creating a constellation jar, using construction paper and hole punches.

**How to Make a Constellation Jar.** [www.wikihow.com/Make-a-Constellation-Jar](http://www.wikihow.com/Make-a-Constellation-Jar). Step-by-step instructions on how to make a constellation jar with an aluminum sheet.

**How to Make Up Your Own Star Constellation.** [www.wikihow.com/Make-Up-Your-Own-Star-Constellation](http://www.wikihow.com/Make-Up-Your-Own-Star-Constellation). A WikiHow instructional guide on how to use frames and star charts to create your own constellation and reference where it is in the night sky.

**Kids' Astronomy Project: Constellation Geoboards.** <https://babbledabbledo.com/constellation-geoboards/>. Step-by-step instructions, with printable templates, for creating constellation boards using cork trivets.

**Lesson 1: Create-a-Constellation.** [www.pacificsciencecenter.org/wp-content/uploads/astro\\_ad\\_constellation.pdf](http://www.pacificsciencecenter.org/wp-content/uploads/astro_ad_constellation.pdf). A detailed lesson plan from the Pacific Science Center for instructing students in designing a constellation and teaching them about astronomy-based mythology.

**Make a Star Finder.** <https://spaceplace.nasa.gov/starfinder/en/>. Instructions for making a simple star finder, with downloadable charts for each month, provided by NASA.

**Moana (2016).** [www.nea.org/tools/lessons/69338.htm](http://www.nea.org/tools/lessons/69338.htm). A series of lesson plans for kids and teens surrounding the movie *Moana*. Subjects include music of the South Pacific, Asian, and Pacific Islander heritage, as well as Polynesian navigation.

**Moana Educator's Guide.** [http://cdnvideo.doling.com/cdn\\_assets/a7b26e6f718f14ac7d37f86bf47770804a4b2daa.pdf](http://cdnvideo.doling.com/cdn_assets/a7b26e6f718f14ac7d37f86bf47770804a4b2daa.pdf). A resource for educators featuring lesson plans on the hero's journey, wayfinding, music, and caring for sea turtles, all built around the Disney movie *Moana*.

**National Storytelling Network.** <https://storynet.org/>. The National Storytelling Network's official website, which includes a feature to search for local storytellers or a list of guilds in the United States, with contact information.

**Navigating at Sea.** <https://timeandnavigation.si.edu/navigating-at-sea>. The Smithsonian provides information about the history and challenges of navigating at sea.

**PBS Hawai'i Presents – The Navigators: Pathfinders of the Pacific.**

[www.youtube.com/watch?v=mCox1kubbro&t=2601s](http://www.youtube.com/watch?v=mCox1kubbro&t=2601s). A documentary that explores the heritage of Polynesian wayfinding, featuring Mau Piailug, a Micronesian navigator who was instrumental in preserving traditional non-instrument-based wayfinding methods.

**Simple Geo Board for Fine Motor and Stem Play.** <https://littlebinsforlittlehands.com/diy-simple-geo-board-for-fine-motor-skills-fine-motor-fridays/>. An explanation, with examples, of how to use a geoboard to create geometric shape, and patterns.

**Space Science: Introduction to Stars.** [www.youtube.com/playlist?list=PLhz12vamHONa6ySCBRBGgCLLoTbMgqMzd](http://www.youtube.com/playlist?list=PLhz12vamHONa6ySCBRBGgCLLoTbMgqMzd). Six YouTube videos from Crash Course Kids, with information about kinds of stars, identification of constellations, and the reason we see different stars depending on the season.

**Staff Bios.** <https://manoa.hawaii.edu/exploringourfluidearth/staff-bios>. A list of the team of staff creating curriculum for the University of Hawai'i at Mānoa's Exploring Our Fluid Earth program.

**String Art on Cork.** [www.theartannex.com/2013/07/string-art-on-cork.html](http://www.theartannex.com/2013/07/string-art-on-cork.html). An art-focused blog entry on how to make string art using a cork round.

**Summer Constellation Map (Northern Hemisphere).** <https://mrprintables.com/printable-constellation-map-summer.html>. A printable constellation map of the summer sky's constellations in the Northern Hemisphere.

**Universe Shoes! An Easy Galaxy Graft!** <https://everydaybest.com/how-to-make-galaxy-shoes/>. A blog entry on creating galaxy shoes using plain canvas shoes.

**Wayfinding and Navigation.** <https://manoa.hawaii.edu/exploringourfluidearth/physical/navigation-and-transportation/wayfinding-and-navigation>. The University of Hawai'i at Mānoa provides an overview of different methods of wayfinding and nautical navigation, as well as an assortment of related activities.

**What a \_\_\_\_\_ Job: How Mad Libs Are Written.** [http://splitsider.com/2014/10/what-a-\\_\\_\\_\\_\\_-job-how-mad-libs-are-written/](http://splitsider.com/2014/10/what-a-_____-job-how-mad-libs-are-written/). Learn about how the game of Mad Libs was created and what it takes to be a Mad Lib writer.

**Which Fairy Tale Retelling Should You Read Based on Your Zodiac Sign?** [www.epicreads.com/blog/which-fairy-tale-retelling-should-you-read-based-on-your-zodiac-sign/](http://www.epicreads.com/blog/which-fairy-tale-retelling-should-you-read-based-on-your-zodiac-sign/). An Epic Reads list of fairy tale retellings, written for teens, and recommended based on your astrological sign.

**Windows to the Universe.** [www.windows2universe.org/mythology/const\\_nav.html](http://www.windows2universe.org/mythology/const_nav.html). An overview of the myths associated with the constellations identified by civilizations around the world.