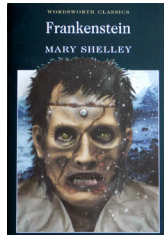


SHELFIE CHALLENGE SELECTIONS

Frankenstein by Mary Shelley



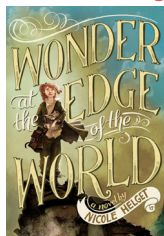
(Fiction) There's a reason it's a classic. Considered one of the first science fiction and horror stories, Mary Shelley's novel about a mad scientist and his creation turns 200 in 2018. What many don't know is that it was written by a teenage girl—Shelley was 17 when she started writing the book!

The Thrilling Adventures of Lovelace and Babbage: The (Mostly) True Story of the First Computer by Sydney Padua



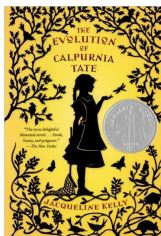
(Graphic Novel) Meet Victorian London's most dynamic duo: Charles Babbage, the unrealized inventor of the computer and his accomplice, Ada, Countess of Lovelace, the peculiar proto-computer programmer and daughter of Lord Byron. This graphic novel imagines what would have happened if Babbage and Lovelace had managed to turn their theories into reality.

Wonder at the Edge of the World by Nicole Helgut



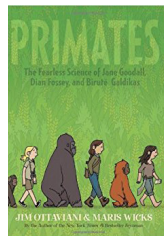
(Fiction) This adventure story follows Lu, the daughter of Charles Wonder—world-traveling scientist and discoverer of Antarctica—as she and her friend, a runaway slave named Eustace, jump aboard a whaling ship bound for the icy continent to keep her father's precious collection of artifacts safe.

The Evolution of Calpurnia Tate by Jacqueline Kelly



(Fiction) Calpurnia Tate is eleven years old in 1899 when she wonders why the yellow grasshoppers in her backyard are so much bigger than the green ones. With a little help from her notoriously cantankerous grandfather, an avid naturalist, Callie explores the natural world around her, navigates the dangers of living with six brothers and comes up against just what it means to be a girl at the turn of the century.

Primates: The Fearless Science of Jane Goodall, Dian Fossey, and Biruté Galdikas by Jim Ottaviani and Maris Wicks



(Graphic Nonfiction) This action-packed account tells the story of the three greatest primatologists of the 20th century: Jane Goodall, Dian Fossey and Biruté Galdikas. These three groundbreaking researchers each made profound contributions to primatology—and to our own understanding of ourselves.

Radioactive! How Irène Curie and Lise Meitner Revolutionized Science and Changed the World by Winifred Conkling



(Nonfiction) In the 1930s, Irène Curie and Lise Meitner unlocked the secrets of the atomic age with their research on artificial radioactivity and nuclear fission. Yet they were too often overlooked and pushed to the edges of their male-dominated field. This thrilling and suspenseful book finally tells the story of these two groundbreaking women.

Hidden Figures: The American Dream and the Untold Story of the Black Women Mathematicians Who Helped Win the Space Race by Margot Lee Shetterly



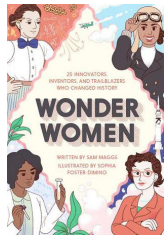
(Non-fiction) Read the unbelievable true story of the African American female mathematicians, known as “human computers,” who helped America win the space race, even as they battled prejudice and segregation at NASA.

Finding Wonders: Three Girls Who Changed Science by Jeannine Atkins



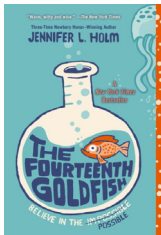
(Fiction in verse) This novel in verse tells the stories of three girls—Maria Merian, who unlocked the secrets of metamorphosis; Mary Anning, who collected fossils that unlocked the secrets of ancient history; and Maria Mitchell, who was determined to find a new comet—in different time periods who grew up to become groundbreaking scientists.

Wonder Women: 25 Innovators, Inventors and Trailblazers Who Changed History by Sam Maggs



(Nonfiction) Smart women have always been able to achieve amazing things, even when the odds were stacked against them. This book shares the stories of brilliant, brainy women in history who broke barriers as scientists, engineers, mathematicians, adventurers, and inventors.

The Fourteenth Goldfish by Jennifer L. Holm



(Fiction) Galileo. Newton. Salk. Oppenheimer. Science can change the world—but can it go too far? Eleven-year-old Ellie's world is knocked askew when one day a strange boy shows up. He's bossy. He's cranky. And weirdly enough . . . he looks a lot like Ellie's grandfather, a scientist who's always been slightly obsessed with immortality. Could this pimply boy really be Grandpa Melvin? Has he finally found the secret to eternal youth?

READY TO TAKE THE LEAP?

Here's how any Hoosier middle schooler (grades 5-8) can complete the Shelfie Challenge.

1

Fill your bookshelves with stories of awesome women succeeding in STEM by reading at least five books from our list to the left by the end of 2018.

2

As you read, jot down a note or two about your favorite part of the book and what you found inspiring. Feel free to send us a DM on Instagram (@inhumanities) to share what you're reading too!

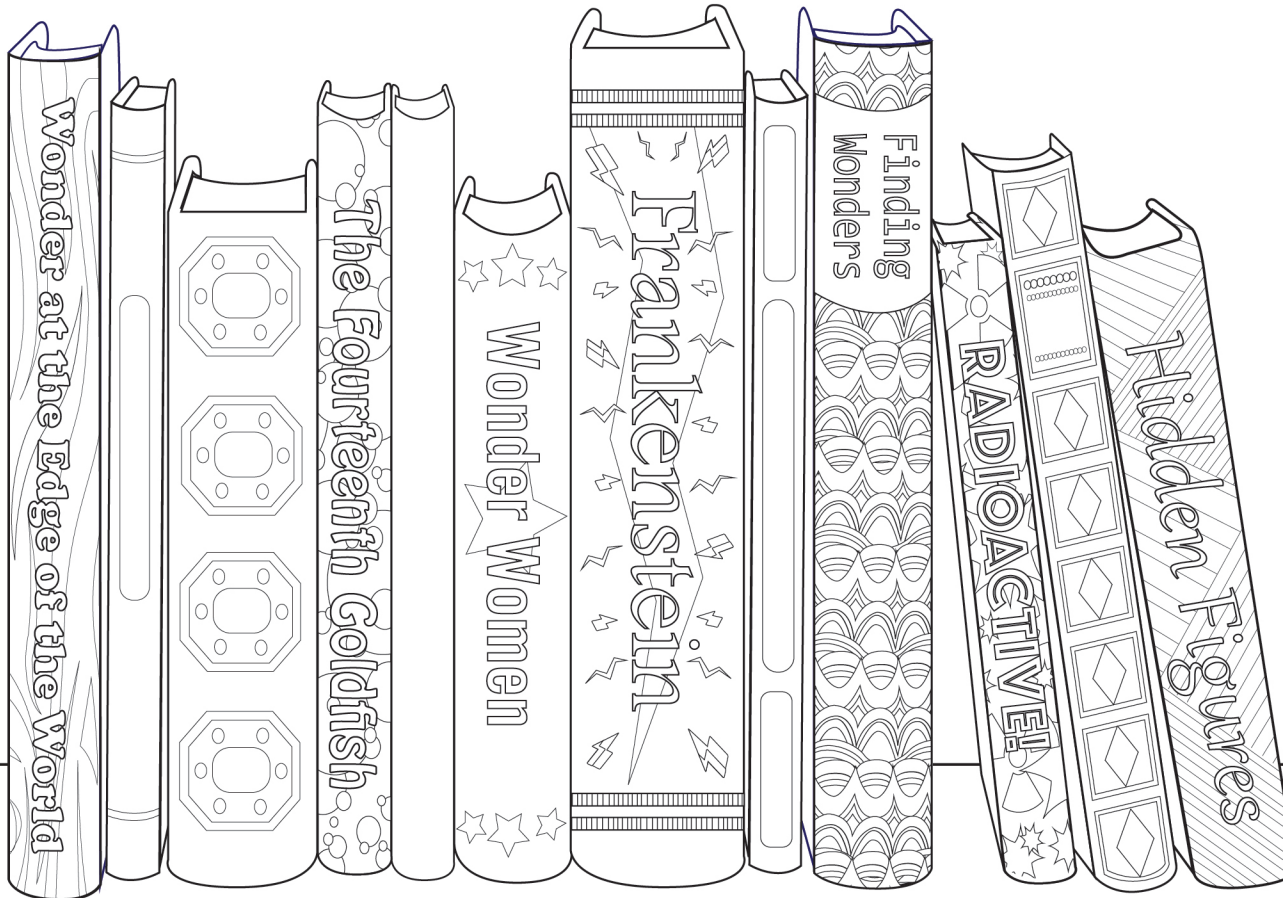
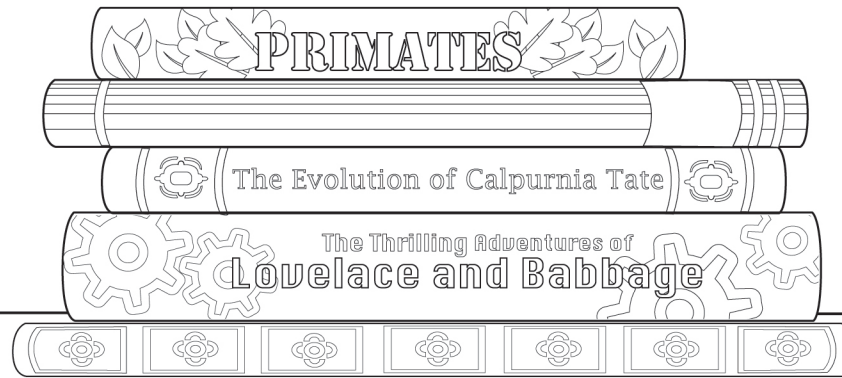
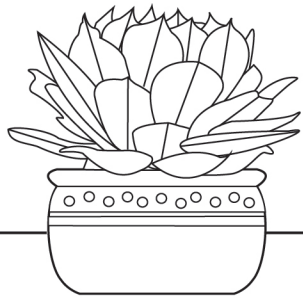
3

Complete a quick survey, letting us know what books you read and what you thought! You can find the online survey here: <http://bit.ly/2vmFINs>

4

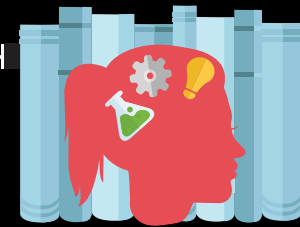
After we get your survey, we'll send you a \$10 Amazon gift card. Use it to find your next favorite book—and keep getting inspired about women in STEM!

Color in the titles you've read to see how close you are to completing the Shelfie Challenge!



QUANTUM LEAP

INDIANA HUMANITIES



SHELFIE CHALLENGE

Read, respond and reap the rewards by completing the **Shelfie Challenge**.

Questions? Contact Claire Mauschbaugh, Events and Communications Associate: 317-638-1500 x 129
cmauschbaugh@indianahumanities.org