## Inspiring Stories

<table>
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<tr>
<th>Title</th>
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<tr>
<td>Hidden Figures</td>
<td>Margot Lee Shetterly</td>
<td>The incredible story of four black women who made vital contributions to space exploration.</td>
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<td>Catherine Johnson</td>
<td>The story of African-American Matthew Henson and his trail-blazing Arctic exploration.</td>
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<td>Blake A Hoena</td>
<td>Graphic novel biography of Matthew Henson.</td>
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**What Miss Mitchell Saw**  
Hayley Barrett  
The story of astronomer Maria Mitchell who discovered a comet.

**101 Black Women in Science, Engineering & Mathematics**  
L. A. Amber  
Compendium telling the stories of inspiring and pioneering black women throughout history.

**Ada Lovelace: A Fantastically Feminist (and totally true) Story of the Mathematician Extraordinaire**  
Anna Doherty  
An inspiring retelling of Ada Lovelace’s story which is low on text and filled with beautiful illustrations.

**Mae Among the Stars**  
Roda Ahmed  
The story of African American NASA astronaut Mae Jemison.

**I am… Ordinary People who Changed the World Series**  
Brad Meltzer  
Simple retellings of the stories of ordinary people who did extraordinary things. Science-related titled in the series include:
- Amelia Earhart
- Jane Goodall
- Marie Curie

**Little People, Big Dreams… series**  
Various  
Board books for young children introducing the stories of inspiring people. Science-related titles in the series include:
- David Attenborough
- Marie Curie
- Charles Darwin
- Amelia Earhart
- Jane Goodall
- Zaha Hadid
- Stephen Hawking
- Steve Jobs
- Ada Lovelace
- Ernest Shackleton
- Greta Thunberg

**Me… Jane**  
Patrick McDonnell  
Jane Goodall’s story retold, beginning with her games with her favourite chimpanzee toy as a child.

**Amelia Earhart**  
Mary Nhin  
A look at the story of Amelia Earhart, focusing on her early failures and how she built on these to become successful.

**Fantastically Great Women Who Worked Wonders**  
Kate Pankhurst  
A selection of stories of women who have changed the world from a range of different professions.
**Fantastically Great Women Scientists**  
*Kate Pankhurst*

The stories of women scientists whose hard work and persistence changed our understanding of science and what women can do.

**Fantastically Great Women Who Saved the Planet**  
*Kate Pankhurst*

The stories of women whose work has helped to protect our planet, with lots of potential links to the curriculum.

**Women in Science: 50 Fearless Pioneers who Changed the World**  
*Rachel Ignotofsky*

A celebration of trailblazing women and their achievements in science, technology, engineering and maths.

**Life in the Ocean**  
*Claure A. Nivola*

The story of oceanographer Sylvia Earle and her work on marine biology and conservation.

**The Watcher: Jane Goodall’s Life with Chimps**  
*Jeanette Winter*

A biography of Jane Goodall, beginning with her watching chimps out of her windows at home as a child.

**Shark Lady**  
*Jess Keating*

Eugenie Clarke is often called the shark lady because of her work in the ocean. This book tells the story of her and her achievements.

**Swimming with Sharks**  
*Jeanette Winter*

A biography of Eugenie Clarke, focusing on her pioneering work with sharks.

**Caroline’s Comets**  
*Emily Arnold McCully*

The story of Caroline Herschel, who faced a great deal of adversity when she was young and went on to achieve great things in the field of astronomy.

**Mary Anning and the Sea Dragon**  
*Jeannine Atkins*

A biography of Mary Anning and her fossil discoveries.

**Stone Girl, Bone Girl**  
*Laurence Anholt*

The story of Mary Anning, including a look at her childhood, her discoveries and her struggles to be recognised by contemporary scientists.

**Margaret and the Moon**  
*Dean Robbins*

The story of how Margaret Hamilton’s work saved the first Moon landing.
The Astronaut with a Song for the Stars
Julia Finley Mosca
The story of multi-talented astronaut Dr Ellen Ochoa-a, including a note from Dr Ochoa-a herself!

Finding Wonders: Three Girls who Changed Science
Jeannine Atkins
The stories of Mary Anning, Maria Mitchell and Maria Merian, women who were each pioneers in their own scientific fields.

Counting on Katherine
Helanie Becker
The story behind Katherine Johnson’s work that ultimately put astronauts on the Moon for the first time ever.

Queen of Physics
Teresa Robeson
The story of Wu Chien Shiung and her battles against racism and sexism while working as a scientist. Her work helped to unlock the secrets of the atom.

1001 Inventions & Awesome Facts from Muslim Civilization
National Geographic
Huge compendium of amazing inventions and interesting facts all from Muslim civilization.

Seeds of Change
Jen Cullerton Johnson
Picture book biography of Wangari Maathai, the first African woman – and environmentalist – to win a Nobel Peace Prize.

Grace Hopper: Queen of Computer Code
Laurie Wallmark
The story of Grace Hopper, the woman whose work revolutionised computer coding.

Wood, Wire, Wings
Kirsten W. Larsen
The story of self-taught engineer Emma Lillian Todd and her endeavours to build an aeroplane in the early 1900s.

A Galaxy of her Own
Libby Jackson
From Ada Lovelace in the 19th century, to the women behind the Apollo missions, this book reveals extraordinary stories and celebrates remarkable achievements from around the world.

Hedy Lamarr’s Double Life
Laurie Wallmark
A picture book biography of Hedy Lamarr, who was successful both with her career in science and in Hollywood movies.
**Always Looking Up**  
*Laura Gehl*

An empowering picture book telling the story of Nancy Grace Roman, an astronomer who overcame a number of obstacles.

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**The Girl who Named Pluto**  
*Alice B. McGinty*

An inspirational and accessible retelling of the story of Venetia Burney, the eleven-year-old girl who came up with the name for Pluto.

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**The Doctor with an Eye for Eyes**  
*Julia Finley Mosca*

The story of Dr Julia Bath, who overcame obstacles including poverty, racism and sexism to become a doctor who brightened the world with a game-changing treatment for blindness.

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**Born Curious**  
*Martha Freeman*

An inspiring look at trailblazing women from range of different disciplines and backgrounds.

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**Gutsy Girls go for Science Series**  
*Alecia Klepeis*

Brilliant series of books that introduce the stories of trailblazing women along with STEM projects for keen young scientists to get their teeth stuck into. Titles in the series include:

- Astronauts
- Engineers
- Paleontologists
- Programmers

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**Working Scientifically**

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**Smart Pickings**  
*Lynne Bianchi*

A ‘You Choose’ style book that lets children think about what kind of scientist they would like to be and what they will investigate.

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**My Mummy is a Scientist**  
*Kerrine Bryan*

Find out all about what scientists do from a proud daughter of a scientist.

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**11 Experiments that Failed**  
*Jenny Offill*

A bunch of silly investigations children can laugh their way through while learning all about the scientific method.
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Libby Jackson  
From Ada Lovelace in the nineteenth century, to the women behind the Apollo missions, this book reveals extraordinary stories and celebrates remarkable achievements from around the world.

The Darkest Dark  
Chris Hadfield  
The (true) story of a little boy who overcomes his fear of the dark to become an astronaut.

**Topic Links – Sound**

Moses Goes to a Concert  
Isaac Millman  
A story about Moses and his school friends, who are all deaf, attending a concert and finding out how music can be felt through vibrations. There is great potential here to explore how sound can be felt in the classroom.

The Sound of Silence  
Katrina Goldsaito  
Yoshio learns to love the sound of silence with the help of a musician whose favourite sound is ma (silence).

The Deaf Musicians  
Pete Seeger  
A story following a jazz pianist who is losing his hearing and the band he forms with other musicians with hearing impairments.

**Topic Links – Rocks, Fossils & Soils**

Mary Anning and the Sea Dragon  
Jeannine Atkins  
A biography of Mary Anning and her fossil discoveries.

The Dinosaur Expert  
Margaret Mcnamara  
Dinosaurs, girls power and science combine in this story following a class trip to the museum.

Gutsy Girls go for Science: Paleontologists  
Alecia Klepeis  
An introduction to some amazing paleontologists along with project ideas for budding young scientists.
**Topic Links – Animals and Plants**

**Beetle Boy**  
*M. G. Leonard*

A great adventure story with diverse characters with fantastic entomology (insect science) links.

**Poo in the Zoo**  
*Steve Smallman*

Zoo keeper Bob is used to dealing with poo at the zoo, but when a mysterious glowing poo appears, he's not quite sure what to do!

**The Girl who Though in Pictures**  
*Julie Finley Mosca*

The story of Dr Temple Grondin, an autistic scientist whose work into animal behaviour led to great improvements in humane treatment of livestock.

**Wigglesbottom Primary: Dino Chick**  
*Pamela Butchart*

There is something very strange about one of the eggs Year 2 are hatching. Could it possibly be a dino chick?!

**Joan Proctor, Dragon Doctor**  
*Patricia Valdez*

The inspiring story of Joan Proctor, the herpetologist (reptile scientist) who designed the London Zoo’s reptile house.

**Evelyn the Adventurous Entomologist**  
*Christine Evans*

The story of Evelyn Cheesman, who travelled the world searching for bugs at a time when women were expected to stay at home.

**Shark Lady**  
*Jess Keating*

Eugenie Clarke is often called the shark lady because of her work in the ocean. This book tells the story of her and her achievements.

**Me… Jane**  
*Patrick McDonnell*

Jane Goodall’s story retold, beginning with her games with her favourite chimpanzee toy as a child.

**Zoe & Sassafrass Series**  
*Asia Citro*

Join science-loving Zoe on her adventures to use science to heal mythical animals in these science-meets-magic stories.

**Life in the Ocean**  
*Claure A. Nivola*

The story of oceanographer Sylvia Earle and her work on marine biology and conservation.
Do You Love Bugs?
Matt Robertson
A celebration of all the wonderful tiny creatures we are familiar with.

My Friend Earth
Patricia Maclachlan
A celebration of all the wonderful things the Earth gives us.

Bird Count
Susan Edwards Richmond
A story following young Ada and her discovery of how much fun bird-spotting can be.

The Boy in the Tower
Penny Ho-Yen
Gripping page-turner for older primary pupils following the struggles of Ade and his friend Gaia as their world is unexpectedly taken over by rapidly reproducing plant-like organisms.
/** Topic Links – The Environment **/ 

**Greta’s Story**
Valentina Camerini

A child-friendly telling of the story of activist Greta Thunberg.

**Greta and the Giants**
Zoe Trucker

A story inspired by the real-life activism of Greta Thunberg.

**Clean Up!**
Nathan Bryon

Rocket is upset when she sees the plastic waste on a beach and sets out to save her grandparents’ island from pollution.

**Life in the Ocean**
Claure A. Nivola

The story of oceanographer Sylvia Earle and her work on marine biology and conservation.

**Seeds of Change**
Jen Cullerton Johnson

Picture book biography of Wangari Maathai, the first African woman – and environmentalist – to win a Nobel Peace Prize.

**My Friend Earth**
Patricia Maclachlan

A celebration of all the wonderful things the Earth gives us.

/** Topic Links – Humans **/ 

**Skulls!**
Blair Thornburgh

A book all about skulls and the reasons they’re awesome.

**Who Says Women Can’t be Doctors?**
Tanya Lee Stone

The story of trailblazing female doctor Elizabeth Blackwell, who proved wrong all those who thought women weren’t smart enough to be doctors.

**The Doctor with an Eye for Eyes**
Julia Finley Mosca

The story of Dr Julia Bath, who overcame obstacles including poverty, racism and sexism to become a doctor who brightened the world with a game-changing treatment for blindness.

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That Science Lady 
k-horan@outlook.com
Engineering & Architecture

**An Engineer Like Me**  
*Dr Shini Somara*

A book about curious Zara who is interested in all the wonderful things around her and learns about the myriad things engineers can do.

**Rosie Revere, Engineer**  
*Andrea Beaty*

Wonderful rhyming story about budding engineer Rosie who discovers that failures are an important step on the way to success.

**Izzy Gizmo**  
*Pip Jones*

Izzy is a girl who loves to invent and tinker, but her creations don’t always work like she wants them to…

**Izzy Gizmo and the Invention Convention**  
*Pip Jones*

Another adventure for Izzy Gizmo.

**My Mummy is an Engineer**  
*Kerrine Bryan*

Learn all about the job of an engineer, through the eyes of a proud daughter.

**Audrey the Amazing Inventor**  
*Rachel Valentine*

Audrey’s inventions don’t always go to plan, but with some encouraging words she keeps on going.

**The Most Magnificent Thing**  
*Ashley Spires*

A girl is on a mission to make the Most Magnificent Thing but keeps on failing. After some encouraging words from her dog though, she keeps on trying!

**Weird Little Robots**  
*Carolyn Crimi*

The adventures of two self-professed science geeks, with plenty of robots and lots of tinkering!

**Mary had a Little Lab**  
*Ashley Spires*

Chaos reigns as young inventor Mary starts ‘inventing’ new sheep!

**Gutsy Girls go for Science: Engineers**  
*Alecia Klepeis*

An introduction to some amazing engineers along with project ideas for budding young scientists.
Meg and Simone are both brilliant ‘makers’, but when they are put together for a school competition, they can’t seem to stop arguing! Can the girls join forces to create a winning project?

Adults don’t always appreciate Iggy’s creations, that is until he saves the day with his amazing architecture!

Rhyming picture book that encourages children to think about all the things they could make and all the ways they could make a difference to the world.