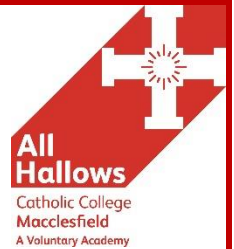


Science

Recommended Reading List



Check out the Science department's list of recommended reads

BEETLE BOY

Beetle Boy provides a nice way to link to work on classification of invertebrates.

CHARLOTTE'S WEB

This is the perfect story to compare the lifecycles of different animals and plants.

PIG HEART BOY

Pig Heart Boy provides a good setting for learning about the heart and circulation.

George's Secret Key To The Universe

George's Secret Key to the Universe is a fun read and contains lots of factual sections for help with teaching about the solar system.

Goodnight Mr Tom

This wartime story is ideal for exploring the uses of electricity and how circuits work.

ITCH

Itch is an action-backed story in which is great for finding out more about changes of state.

Kensuke's Kingdom

Kensuke's Kingdom is full of opportunities to explore properties of materials, you can even use the context of survival scenarios linked to the book.

ONE SMART FISH

One Smart Fish by Christopher Wormell provides a meaningful context for learning about adaptations and evolution.

The Tin Snail

The Tin Snail by Cameron McAllister provides a context for learning about forces and mechanisms, including levers, pulleys and gears.

The Extraordinary Life of Katherine Johnson

In 1969 history was made when the first humans stepped on the moon. Back on earth, one woman was running the numbers that ensured they got there and back in one piece.

As a child, Katherine Johnson loved maths. She went on to be one of the most important people in the history of space travel. Discover her incredible life story in this beautifully illustrated book complete with narrative biography, timelines and facts.

A Galaxy of Her Own: Amazing Stories of Women in Space by Libby Jackson

From small steps to giant leaps, *A Galaxy of Her Own* tells fifty stories of inspirational women who have been fundamental to the story of humans in space, from scientists to astronauts to some surprising roles in between. *A Galaxy of Her Own* reveals extraordinary stories, champions unsung heroes and celebrates remarkable achievements from around the world.

The Greatest Show on Earth by Mini Grey

Take your seats for the ENTIRE history of Planet Earth, as we take a whistle-stop tour from the birth of Earth, to the age of bacteria, the era of dinosaurs . . . to the *moment* of people (blink and you'll miss it).

Narrated by a friendly troop of insects and with mind-blowing, lively illustrations, this illustrated non-fiction book will entertain and educate, as we put on a show, the greatest show, the show of the evolution of life on Earth.

From internationally bestselling creator, Mini Grey, winner of the Kate Greenaway Medal, this is her first non-fiction book and it's told with wit, humour and heart.

How to Teach Quantum Physics to Your Dog

by

Chad Orzel

When Quantum Physics expert Dr Chad Orzel went to adopt a dog he never imagined he would end up with one as inquisitive as Emmy. Could she use quantum tunnelling to get through the neighbour's fence and chase bunnies? What about quantum teleportation to catch squirrels before they climb out of reach? In this witty and informative book, Orzel and Emmy - the talking dog - discuss the key theories of Quantum Physics and its fascinating history. From quarks and gluons to Heisenberg's uncertainty principle, this is the perfect introduction to the fundamental laws which govern the universe.