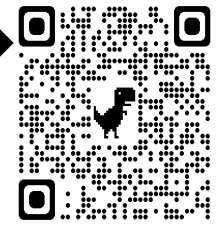


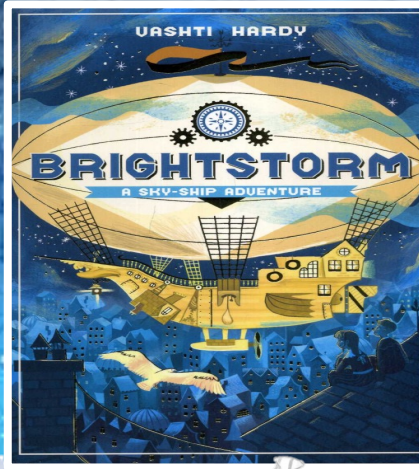
Year 5 Reading, Autumn 1: Brightstorm, Vashti Hardy (Space)

Scan Me



Space Exploration

Space exploration has allowed humans to learn new information about planets, stars and the moon. Since 1957, over 5,000 spacecraft have travelled to space. Astronauts study Maths, Science and information on how to use the systems on the spacecraft. Humans cannot survive in space because of the difference of atmosphere to Earth. Astronauts need protective gear and must take oxygen with them in order to survive. Space stations are a type of spacecraft that can stay in space for longer than a typical spacecraft. Space stations allow astronauts to stay in space for months to explore what is there.



Themes:

- Family
- Trust
- Adventure
- Exploration
- Loss
- Loyalty

Moon Cycles

The Moon doesn't give off its own light; it is the reflection from the Sun's light that we can see. The Sun illuminates different parts of the Moon during the moon cycle, which makes it appear to change shape (but it doesn't!). It takes the Moon 27.3 days to fully orbit (go around) the Earth. Due to the Earth moving too, it takes the Moon 29.5 days to complete the 8 phases of the Moon. This is why we have the twelve months of the year that are around this length. When the Moon fully faces the Sun, and we see the whole face, we call this a Full Moon. As the Moon travels around the Earth and becomes hidden from the Sun, we cannot see much, or any, of the moon, and this is called a New Moon.



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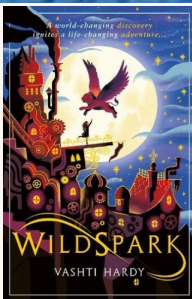
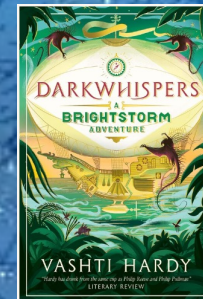
Aviation

Aviation is the making and flying of aircrafts and has allowed people and supplies to travel the world. This travel can be for work, leisure or for **exploration**. In the 1890s, Otto Lilienthal became the first person to successfully make and fly an aircraft (a glider). Gliders are similar to aeroplanes, but they do not have a motor to power them. In 1902, Wilbur and Orville Wright made a double-winged glider that had an engine. This development inspired others to design new aircrafts. A hot air balloon is a type of aircraft that is lifted by heat from a fire, rather than an engine. The hot air makes the air balloon rise into the sky. The first hot air balloon was made by the Montgolfier brothers in 1783.

We're also reading (non-fiction):



Also by Vashti Hardy:



We will be:

- Asking and answering questions to improve understanding
- Retrieving information
- Making inferences and predictions
- Summarising main ideas

