

# Spring 1<sup>st</sup> Space



# Year 2 Knowledge Organiser



## Key Facts

The International Space Station flies around the world every 90 minutes, travelling at 5 miles per second.

In 1991, Helen Sharman was the first British astronaut to go into Space and she was 27 years old.

Helen Sharman learned to speak Russian and trained for 18 months before her trip into Space.

Helen Sharman was a chemist at Mars chocolate factory and when she went into Space she carried out research and tests.

Tim Peake went into Space in 2015 and stayed on the International Space Station for 6 months.

Tim Peake and Helen Sharman both went to Space in a Soyuz capsule.

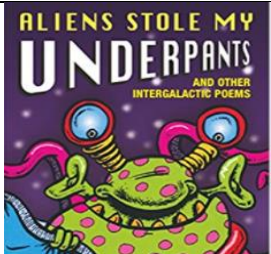
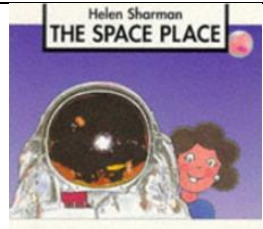
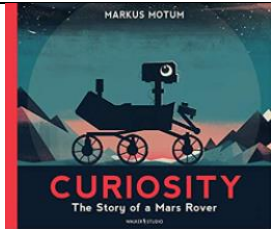
While Tim Peake was in Space he ran the London Marathon on a treadmill!

## Vocabulary

## Definition

design	This is a plan or drawing to show what something will look like when it is made.
design technology (DT)	This is the planning, designing, making and evaluating of different products.
pulley	This is a wheel that carries a belt or a cord to make it easier to move something which might be heavy.
lever	This is a bar resting on a pivot.
vehicle	This is something that moves and is used to transport people or things.
axle	This is a rod or spindle passing through the centre of a wheel.
chassis	This is the base frame of a car or vehicle with wheels.
washer	This is a small metal, rubber or plastic ring that is fitted to seal something and stop it moving or falling off.

## Books we recommend:



## Key questions

Can you name the first British person to orbit Earth?

Can you find similarities and differences between Tim Peake and Helen Sharman's journeys into Space?

What sort of information did the Mars Rover 'Curiosity' find out on Mars?

Can you describe the important parts of a vehicle and what their function is?

