

Geography

What is Earth made of and how do we know?

How does the moon impact the Earth?

Science

What shape is the Earth, Sun and Moon and how do we know?

How do we know the Earth has a magnetic field?

How are the Earth and the Moon similar and different?

Why would it be challenging for humans to live on the Moon?

What can we learn about the sun through an investigation?

How are the movements of the Earth, moon and sun related?

How does the height of the sun change the length of a shadow?

Why do we have seasons?

Why does the moon appear to change shape?

How does each planet's orbit differ and why?

Why is Earth the best place for humans to live, thrive and survive?

DT

What examples of space technology can you find that are used in everyday life?

How could you use this technology to further improve everyday life?

History

How has thinking about the solar system changed over time?

Who won the space race?

How did technological developments impact space exploration?

How did the constellations get their names?

Art

What messages can images communicate?

How can you show the creativity of humans through images?

What techniques do you think would be effective for creating representation of nebulae?

Which technique used by your peers did you think was the most effective?

How could you select materials and techniques to communicate the idea of space?

What new techniques did you learn?

Space Scientists

Autumn 2024

Year 5