



Illustration: The Solar Orbiter passing the Sun.

What is space weather?

- **Space weather describes the conditions within the Solar System which are affected by things the Sun does.**
- **The Sun can give off things like solar flares and even types of storms which can affect us here on Earth.**



Write

The Sun has been a source of inspiration to many writers.

Whether it be in the form of poetry, a story or a non-fiction report, try writing about the Sun in any way you feel like.

You may want to create or use images to support your writing, but feel free to let your creativity guide you.



Explore

The movement of the planets around the Sun in our Solar System is fascinating.

Explore more about it using books at home and the Internet. Find out the order of the planets, how they orbit the Sun and how the planets might have moons orbiting them.



Investigate

There are six telescopes aboard the Solar Orbiter.

Galileo Galilei is famous for having invented a telescope which was better than any up to that point in history. He's also well known for being put under house arrest for telling people what he saw through it.

It was his heliocentric theory that upset people at the time but do you know what it was?

Use research tools to find out what the heliocentric theory is and how it was different to the geocentric theory.

