

## Y5 Science: Earth & Space

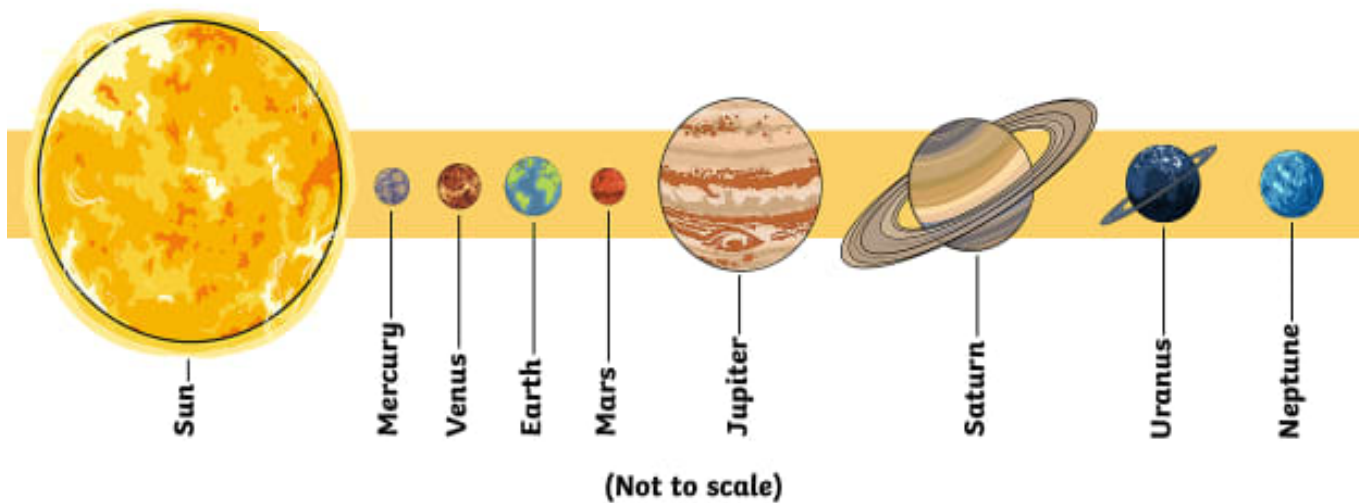


The **Sun** is a **star**.



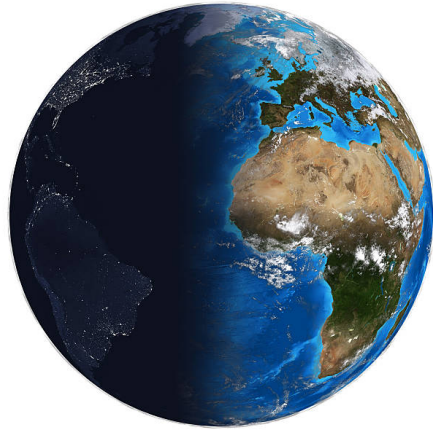
The sun is at the centre of our **solar system**.

There are 8 **planets** that travel around the sun in fixed **orbits**.



Earth takes 365¼ days (a year) to complete its **orbit** around the Sun.

The Earth **rotates** (spins) on its axis every 24 hours.



The Sun, Earth and Moon are approximately **spherical**.



The Moon **orbits** the Earth. It takes about 28 days to complete its **orbit**.

As Earth **rotates** half faces the Sun (here it is day) and half is facing away from the Sun (night).



As the Earth **rotates**, the Sun appears to move across the sky.



**Stephen Hawking**  
1942-2018

English cosmologist (studied the whole universe). Known for his work on black holes. Wrote the bestselling book: *A Brief History of Time: From the Big Bang to Black Holes*.

