

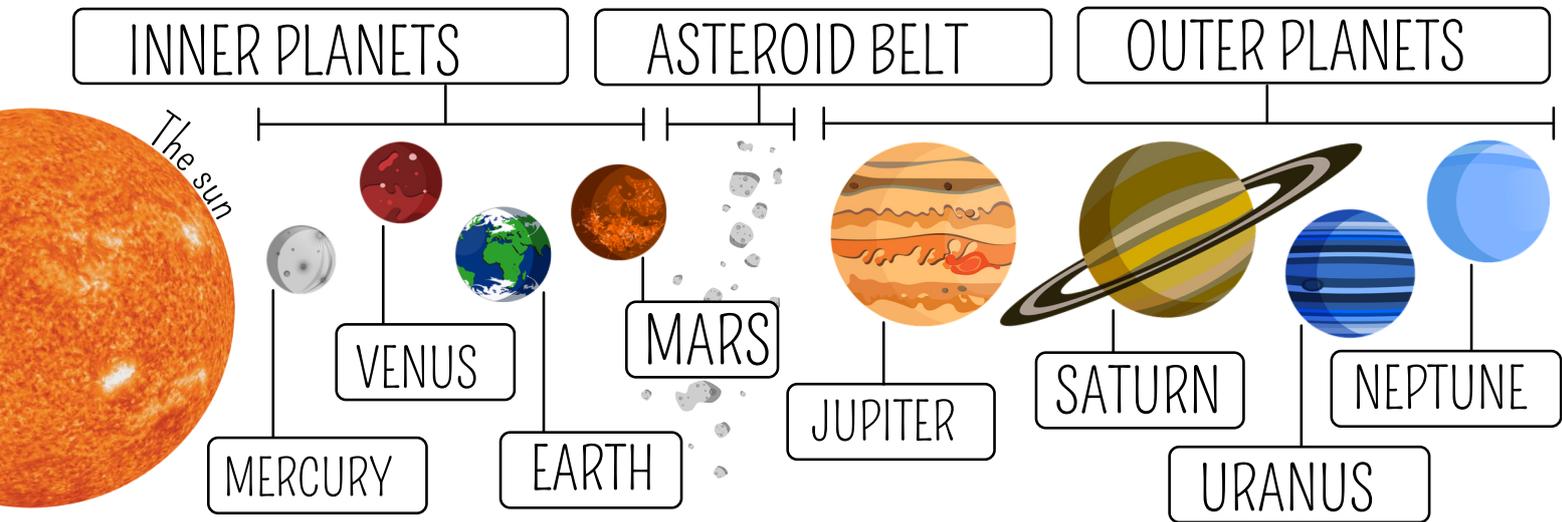
ROCKS IN SPACE

<https://www.geolsoc.org.uk/factsheets>

ACTIVITY SHEET

INNER AND OUTER PLANETS

Can you label these objects in our solar system and put them in their correct groups?



What is the name of the rock that forms from cooled lava flowing out of volcanoes?

BASALT

Is this an example of a sedimentary, igneous or metamorphic rock?

IGNEOUS

Most rocky planets have impact craters on their surfaces. How are these formed?

WHEN METEORITES SMASH INTO THE PLANET

FILL IN THE BLANKS!

Complete the sentences below using words from the word bank

WORDBANK: two moons core
Sun less gas vary Earth three rock
asteroid

The Solar System can be looked at in THREE sections. The inner planets are mostly formed from ROCK and the outer planets are mostly made of GAS. Between the outer and inner parts lies the ASTEROID belt. There are over TWO million asteroids that VARY in size.

The outer planets are LESS dense than the inner planets. The planet with the highest density is EARTH. This is because it has a compact CORE.

Earth and the other planets in our solar system orbit the SUN. Some planets are also orbited by smaller MOONS.