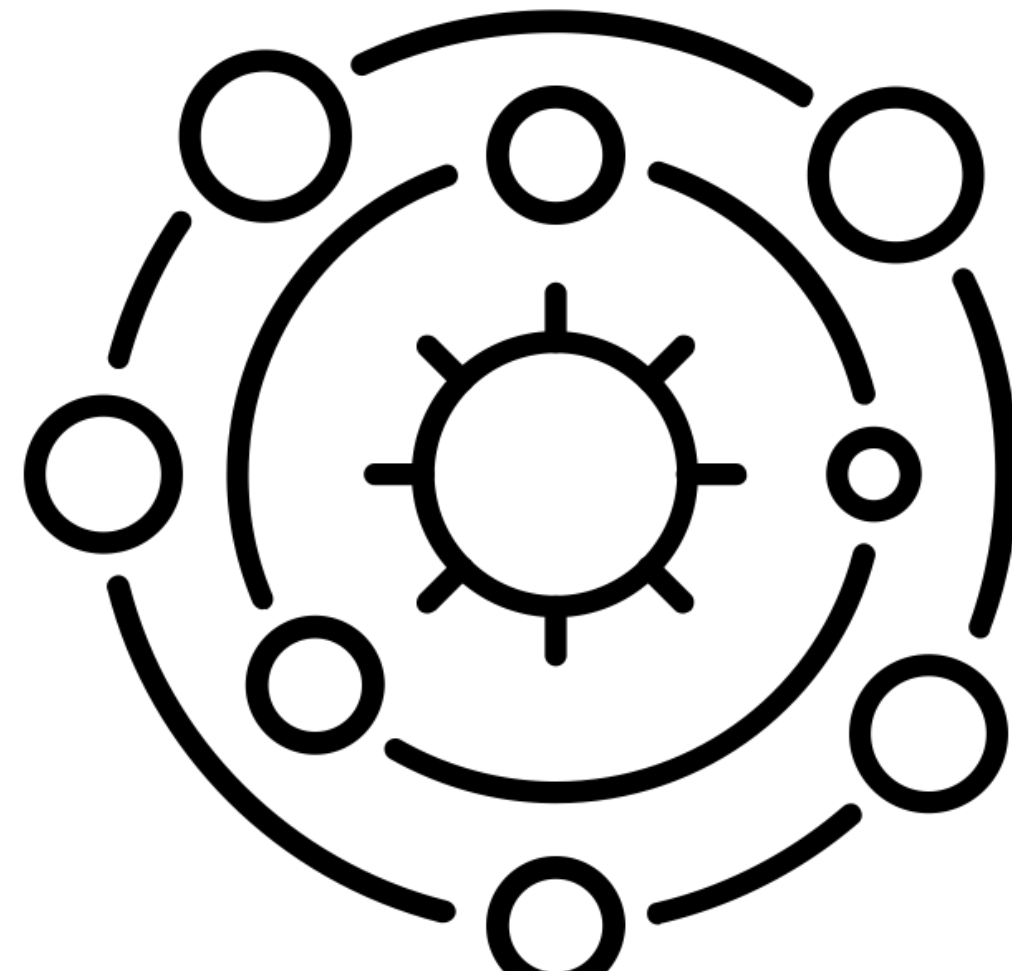


What is the solar system?

Science - Space



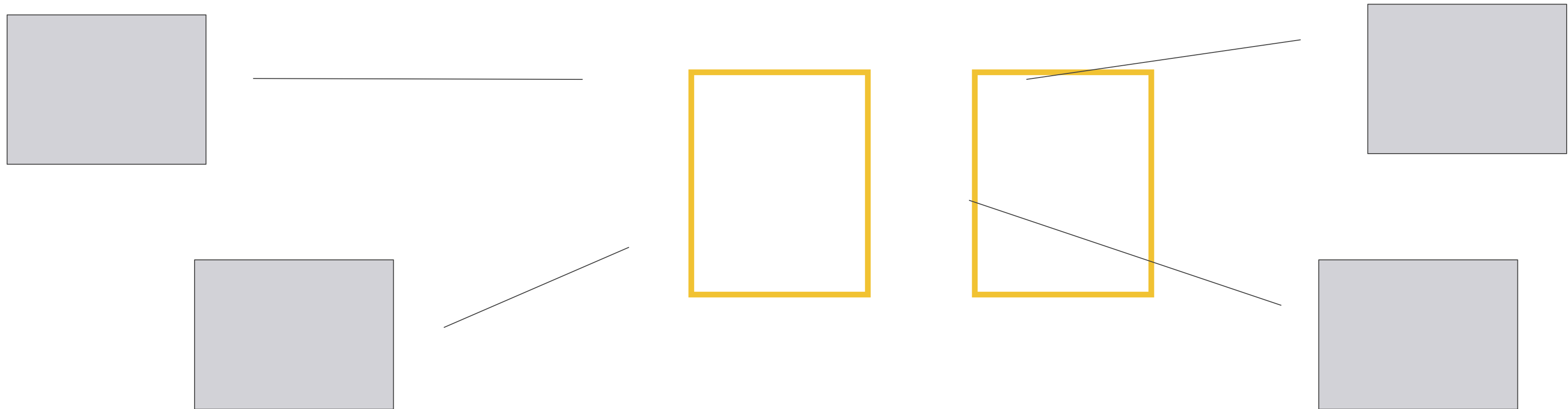
Miss Hummel

solar system by Andrei Yushchenko from the Noun Project



Complete this task

Try and create a mind map of a sun. Include as much information about the sun as you can remember!



Actions to remember:

1. Try and come up with some actions to remember this definition:

Planets are large pieces of rock in the shape of a sphere.



Write the names of the object from the solar system being described below:

1. - the largest object in the solar system that the solar system was named after
2. - large spheres of rock that orbit around the sun
3. - large balls of rock that orbit planets
4. - an example of another rocky object that can be found in the solar system
5. - leftover material from stars that have exploded in the past



Linking Knowledge: Complete the match up task below to revise your knowledge of days, seasons and years.

1 day

When the part of the Earth you are on is tilted towards the Sun.

Summer time

The time it takes for the Earth to complete one rotation.

Winter time

The time it takes for the Earth to orbit the Sun.

1 year

When the part of the Earth you are on is tilted away the Sun.



Answers:

1 day		When the part of the Earth you are on is tilted towards the Sun
Summer time		The time it takes for the Earth to complete one rotation.
Winter time		The time it takes for the Earth to orbit the Sun.
1 year		When the part of the Earth you are on is tilted away the Sun.



Answer the questions:

1. What are asteroids?
2. How is the orbit of an asteroid different to the orbit of a planet?



Label the diagram below with the correct names from the list below

Meteor | Meteorite | Asteroid | Comet



Thinking Task:

Meteors do not always reach the Earth to become meteorites. Think about why you think this is the case.

