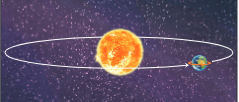
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| --- | --- | --- | --- |
| Holy Rosary CVA | | | |
|  | | | |
| **Key Question:** Is there anybody out there? What is our solar system actually like? | Earth & Space | **UKS2** | **Advent 2** |

|  |  |
| --- | --- |
| **Vocabulary** | |
| Our Solar System | |
| The Sun | A huge star that Earth and the other planets in our solar system orbit around. |
| star | A giant ball of gas held together by its own gravity |
| moon | A natural satellite which orbits Earth or other planets |
| satellite | Any object or body in space that orbits something else, for example: the Moon is a satellite of Earth |
| planet | A large object, spherical or nearly spherical, that orbits a star |
| **spherical** | 3D round shaped, in the shape of a ball |
| spherical bodies | Astronomical objects shaped like spheres |
| Movement of the Earth | |
| **orbit** | To move in a regular, repeating curved path around another object |
| **rotate** | To spin, e.g. Earth rotates on its own axis |
| **axis** | An imaginary line that a body rotates around, e.g. Earth’s axis (imaginary line) runs from the North Pole to the South Pole. |

Diagram

Description automatically generated



A picture containing satellite

Description automatically generated

**Pre/Post Quiz (complete separately):**

1. The Earth a) rotates

b) vibrates

c) orbits

d) is spherical

1. The moon is a satellite.

True/False

1. Put these in order:
2. It only seems to us that the Sun moves because of the movements of Earth.
3. However, the Sun does not move at all.
4. It appears to us that the Sun moves across the sky during the day.
5. In conclusion, as the Earth rotates, the Sun appears to move across the sky (from our perspective).
6. Can you name each of the planets?

Text

Description automatically generated

**What do you know..?**

* Can you describe how a seed grows into a plant?
* Can you describe what a plant needs to stay healthy?
* Can you name at least 4 different types of plant?
* Can you draw the life cycle of a plant?
* Can you draw two different types of seeds?

Icon

Description automatically generated with medium confidence

**What do you know..?**

* Can you describe how a seed grows into a plant?
* Can you describe what a plant needs to stay healthy?
* Can you name at least 4 different types of plant?
* Can you draw the life cycle of a plant?
* Can you draw two different types of seeds?

Core Knowledge

Core Knowledge

* The Moon orbits the Earth
* The Earth orbits the Sun as the 3rd planet in the Solar System
* The Earth rotates on its axis meaning it is daytime in areas in sunlight and night in the dark
* As the Earth rotates, the Sun appears to move across the sky, from our perspective.
* The Solar System consists of the Sun in the centre, orbited by spherical planets: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune (in that order)

**Core Knowlege**

Core Knowledge

**What do you know..?**

* Can you describe how a seed grows into a plant?
* Can you describe what a plant needs to stay healthy?
* Can you name at least 4 different types of plant?
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Core Knowledge