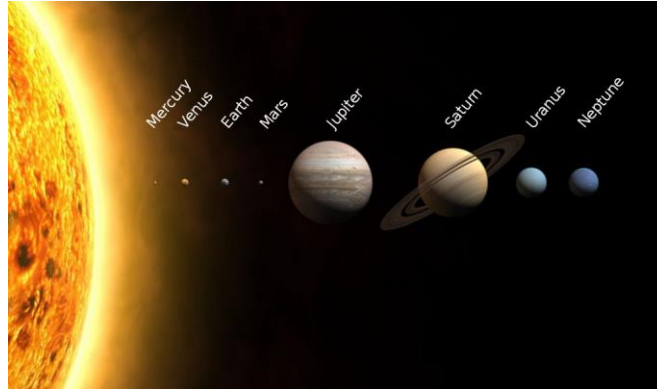


# Space and Sound

This half term, Class 4 will be exploring space broadly including Earth, Sun and Moon. We will also be investigating how we have day and night. Mrs Butler will be teaching Sound.

## The Earth, Sun and Moon



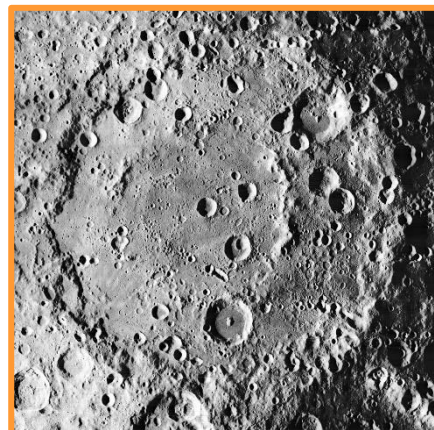
- There are 8 planets in our Solar system. Pluto is considered a dwarf planet.
- It takes 365  $\frac{1}{4}$  days for the Earth to orbit the sun.
- All of the planets in our solar system orbit the sun.
- The moon is a satellite that orbits the Earth.
- Mercury, Venus, Earth and Mars are rocky planets.
- Jupiter and Saturn are gas giants
- Uranus and Neptune are ice giants. This is because they are the furthest away from the sun.

### Vocabulary

Mercury	Venus	Earth	Mars	Jupiter	Saturn	Uranus
Neptune	orbit	rotate	spherical	solar system	moon	
	satellite	vibration	sound	medium		

### Sound

- Identify how sounds are made, associating some of them with something vibrating.
- Recognise that vibrations from sounds travel through a medium to the ear.
- Find patterns between the pitch of a sound and features of the object that produced it.
- Find patterns between the volume of a sound and the strength of the vibrations that produced it.
- Recognise that sounds get fainter as the distance from the sound source increases.



**What are these shapes?**

**How are they formed?**

**What causes them to be different sizes?**