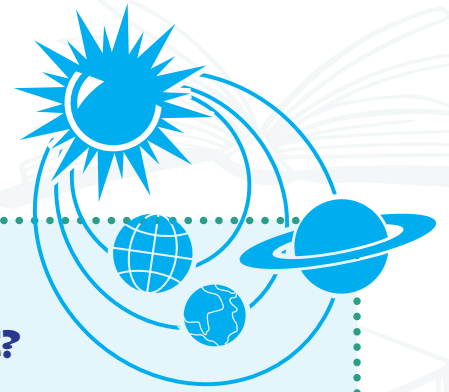




# SPACE FACTSHEET



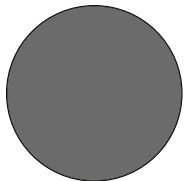
## WHY DOES THE MOON ORBIT AROUND THE EARTH?

The force of gravity from the Earth is greater than that of the moon because the Earth has a greater mass, therefore the Earth keeps the moon where it is - the moon can't escape!

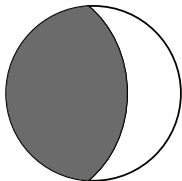


## MOON PHASES

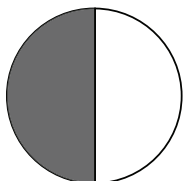
Did you know that the shape of the moon is called a phase. Each phase is part of a full cycle. Next time you look at the moon, you can name the phase by using this chart!



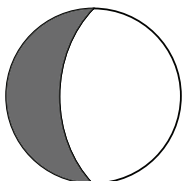
New moon.



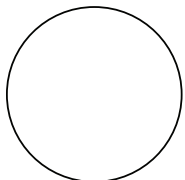
Waxing crescent.



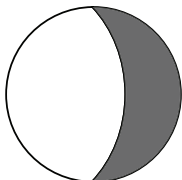
First quarter.



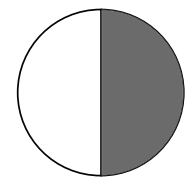
Waxing gibbous.



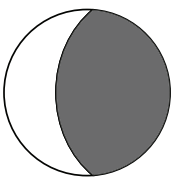
Full moon.



Waning gibbous.



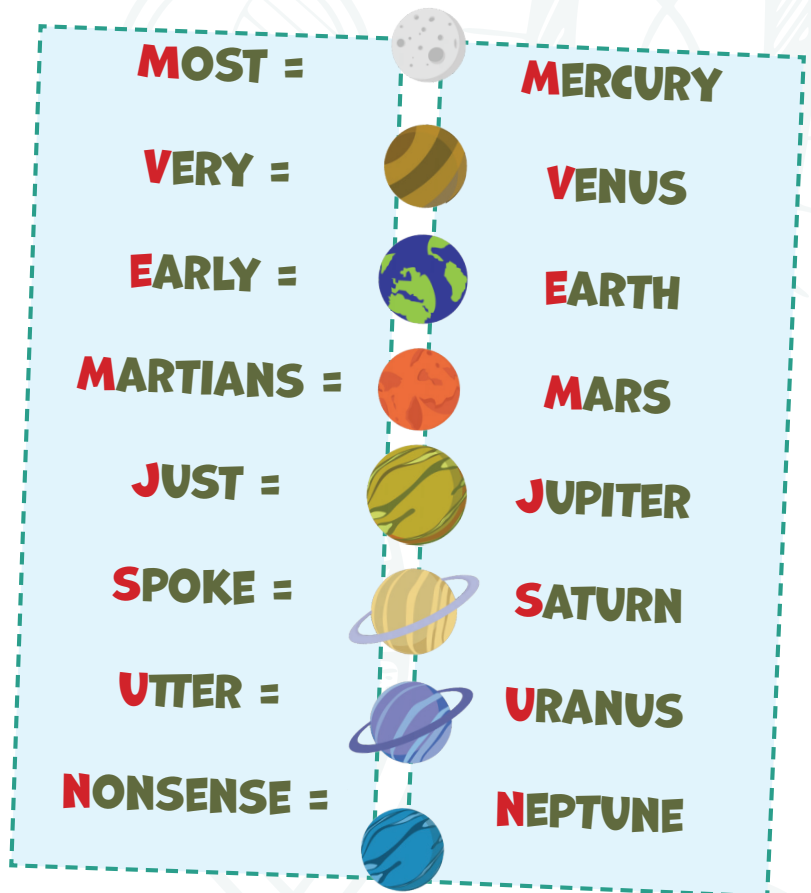
Third quarter.



Waning crescent.

## SO, WHAT ARE THE BIG BENEFITS TO EXPLORING SPACE?

- ✓ To learn about life on Earth by exploring other planets.
- ✓ Discoveries that are made in space can benefit and improve how we live on Earth.
- ✓ To prove that humans can live on other planets and share the wonders of the solar system.
- ✓ To expand technologies that revolutionise industries and bring prosperity.
- ✓ To make dreams into reality.



REMEMBERING THE ORDER OF THE PLANETS FROM THE SUN CAN BE TRICKY. HERE'S A PHRASE TO HELP YOU REMEMBER.