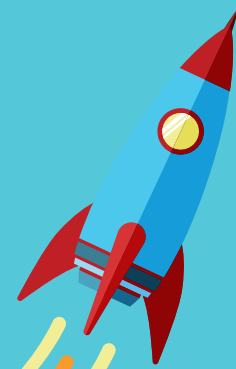


The Solar System

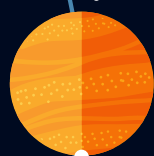


THE SUN

The sun is a star and at the centre of our solar system

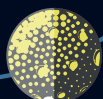


VENUS



MERCURY

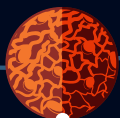
Takes 88 Earth days to complete an orbit



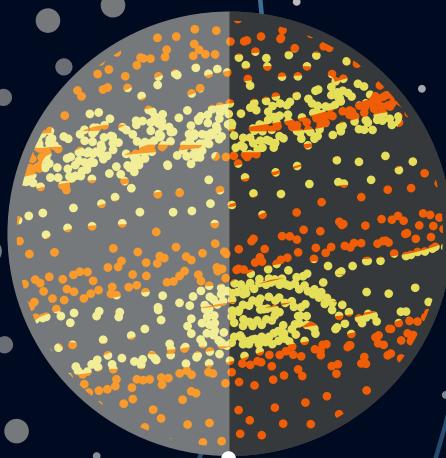
EARTH



MARS



JUPITER



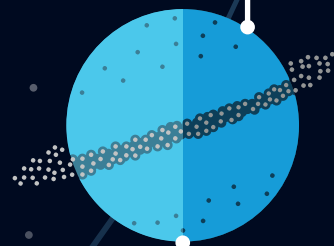
Orbital Speed can be calculated using this equation:

$$\text{orbital speed} = 2 \times \pi \times \frac{\text{orbital radius}}{\text{time period}}$$

ORBITAL SPEED

The further away a planet is from the sun:
The slower it moves
The more time it takes to complete an orbit

URANUS

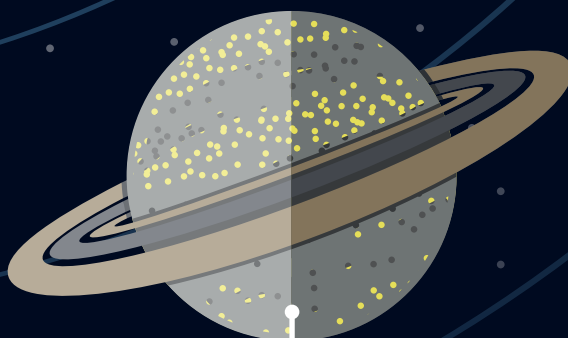


DWARF PLANET

Pluto is a dwarf planet – it is smaller than a planet.



SATURN

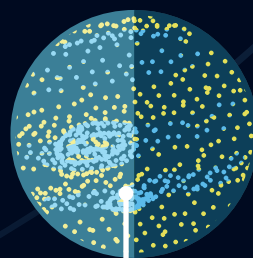


ORBIT

Planets, dwarf planets, comets and asteroids orbit around the sun. The Sun's gravity keeps them in orbit

NEPTUNE

Takes 164 Earth years to complete an orbit



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