

THE SUN

VENUS
50,000,000km
from Mercury

The 2nd brightest
object in our night
sky

Venus rotates in the
opposite direction
to most planets

MARS
78,000,000km
from Earth

Home to the tallest mountain
in the Solar System, Olympus Mons,
a shield volcano which is 21km high

Mars has 2 moons,
Phobos and Deimos

MERCURY
69,000,000km
from The Sun

The smallest
planet

A year on
Mercury takes
88 Earth days

EARTH
41,000,000km
from Venus

The only planet not to be named
after a Greek or Roman God or Goddess

The Earth's rotation is slowing down
by about 17 milliseconds every
100 years which is making our
days longer very very slowly

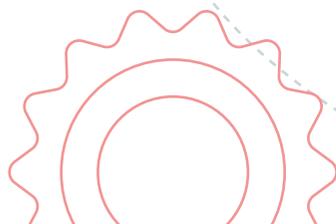
JUPITER
550,000,000km from Mars

Jupiter has the shortest days of all the
planets, it spins on its axis once every 9 hours
and 55 minutes

Jupiter's moon Ganymede is the largest
moon in the solar system



J O I N



THE PLANETS OF THE SOLAR SYSTEM

and a little bit more...



COMET
Comets are usually made up of frozen ammonia, methane or water with only small amounts of rock so they are given the nickname 'dirty snowballs'



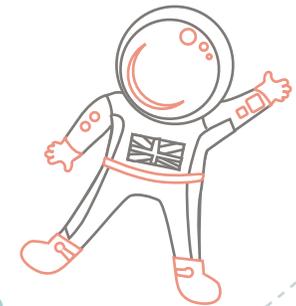
There are 3 parts to a comet;
Nucleus, Coma and Dust Tail



SATURN
646,000,000km from Jupiter

Saturn has the most moons at 82,
3 more than Jupiter

Four spacecraft have visited Saturn;
Pioneer 11, Voyager 1 & 2 and the
Cassini-Huygens mission



ASTRONAUT

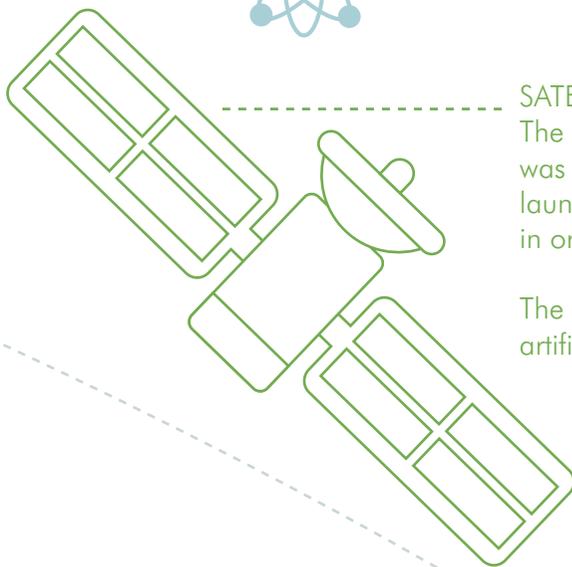
The word astronaut comes from the Greek words
"astron nautes" which means star sailor

The first man in space was called Yuri Gagarin
The first woman in space was called Valentina Tereshkova



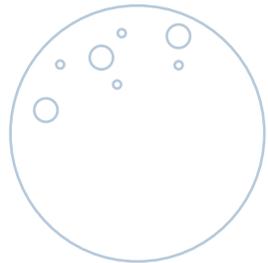
...NIP...

...JOIN...



SATELLITE
 The first artificial satellite to go into space orbit was Sputnik 1 in 1957, later that year Sputnik 2 launched and inside was the first living creature in orbit, a dog named Laika

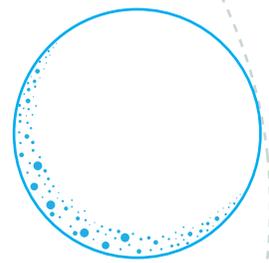
The international Space Station is the largest artificial satellite currently orbiting the Earth



URANUS
 1,449,000,000km from Saturn

Uranus was first discovered in 1781 by Sir William Herschel

It takes 84 Earth years for Uranus to make one trip around the sun



NEPTUNE
 1,627,000,000km from Uranus

Neptune has 6 faint rings which are likely made up of ice particles mixed with dust grains

The atmosphere of Neptune is made of hydrogen and helium with some methane. The methane absorbs red light which makes the planet appear blue

