

THE SOLAR SYSTEM

BY BRÓGAN, SONNY AND CONOR

General information

People have always been fascinated by the night sky. Over years we have learnt more and more about the stars and planets. Each new space mission brings us more discoveries.

There are 8 planets and over sixty moons in our solar system. The sun is at the centre. Each planet orbits the sun at different speeds.

MERCURY

MERCURY IS THE CLOSEST PLANET TO THE SUN. IT ALSO IS THE SMALLEST PLANET IN OUR SOLAR SYSTEM. MERCURY HAS NO MOONS WHICH MAKES IT MOONLESS IT ALSO HAS A VERY ROUGH SURFACE. A YEAR ON MERCURY IS 88 ENB CARTH DAYS AND IT IS 2,439.7KM BIG.

VENUS



VENUS IS VERY SIMILAR TO EARTH BUT ALSO VERY DIFFERENT TO EARTH VENUS IS SO HOT BECAUSE OF ITS GREENHOUSE EFFECT VENUS SPINS THE OPPOSITE WAY FROM OTHER PLANETS. ITS ATMOSPHERE COULD CONTAIN LIFE. IT RAINS SULFURIC ACID

VENUS FUN FACTS !

1. A DAY ON VENUS IS LONGER THAN A YEAR
2. VENUS IS HOTTER THAN MERCURY DESPITE BEING FURTHER FROM THE SUN
3. VENUS IS THE 2ND BRIGHTEST NATURAL OBJECT IN THE NIGHT SKY AFTER THE MOON.

EARTH

EARTH IS THE PLANET WE ALL LIVE ON. INSIDE THE EARTH THERE IS A SQUISHY THING THAT IS CALLED THE INNER CORE. THERE IS ALSO THE CRUST, UPPER MANTLE, MANTLE, OUTER CORE AND THE INNER CORE. THE CLOSER YOU GET TO THE MIDDLE OF THE EARTH THE WARMER IT GETS. JUST SLIGHTLY LARGER THAN NEARBY VENUS, EARTH IS THE BIGGEST OF THE FOUR PLANETS CLOSEST TO THE SUN.

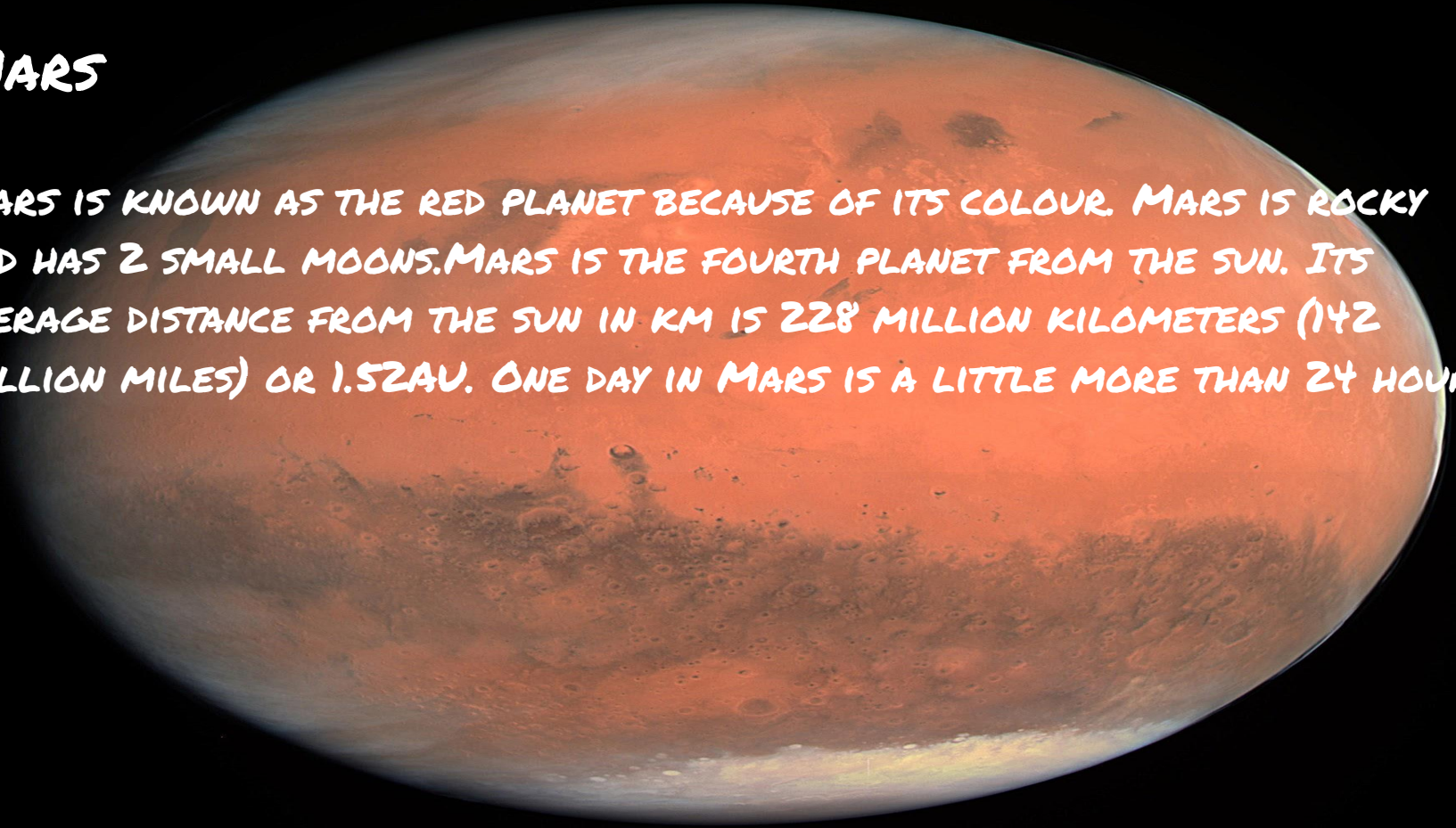
WE'RE NOW GOING TO TELL YOU SOME FACTS.

CORAL REEFS ARE EARTH'S LARGEST LIVING STRUCTURE.

AND EARTH IS SQUASHED.

MARS

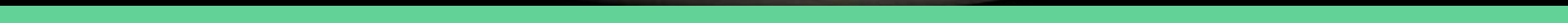
MARS IS KNOWN AS THE RED PLANET BECAUSE OF ITS COLOUR. MARS IS ROCKY AND HAS 2 SMALL MOONS. MARS IS THE FOURTH PLANET FROM THE SUN. ITS AVERAGE DISTANCE FROM THE SUN IN KM IS 228 MILLION KILOMETERS (142 MILLION MILES) OR 1.52AU. ONE DAY IN MARS IS A LITTLE MORE THAN 24 HOURS.



JUPITER

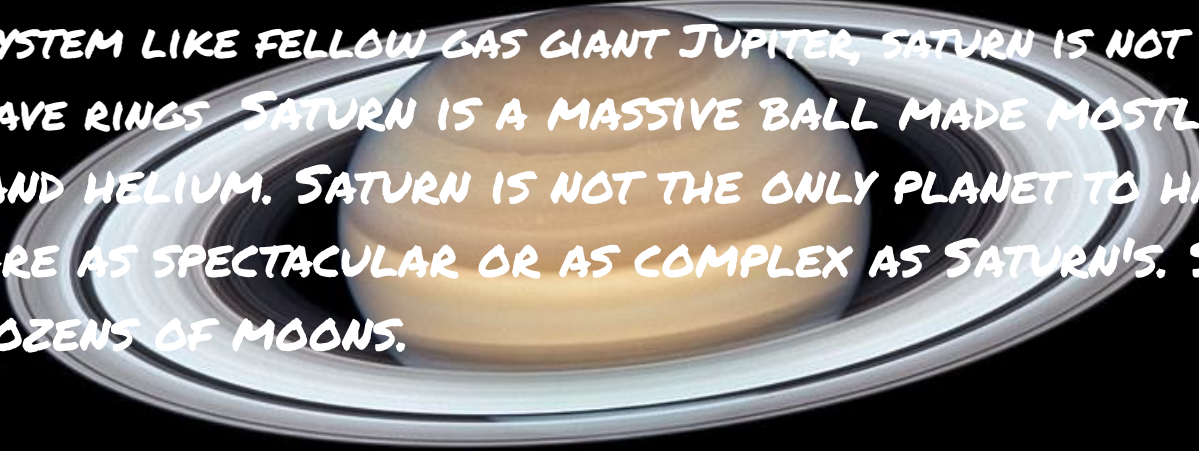
JUPITER IS THE FIFTH PLANET AWAY FROM THE SUN AND IT IS THE BIGGEST PLANET IN THE SOLAR SYSTEM. JUPITER ALSO HAS 80 MOONS AND IT IS A GAS GIANT.

1. ITS HAS GAS SO THERE IS NOWHERE TO LAND.
2. ITS BIG AND LIGHT
3. IT HAS MANY MOONS
4. IT HAS VERY FAINT RINGS;P



SATURN

SATURN IS THE SIXTH PLANET FROM THE SUN AND THE SECOND LARGEST PLANET IN OUR SOLAR SYSTEM LIKE FELLOW GAS GIANT JUPITER, SATURN IS NOT THE ONLY PLANET TO HAVE RINGS. SATURN IS A MASSIVE BALL MADE MOSTLY OF HYDROGEN AND HELIUM. SATURN IS NOT THE ONLY PLANET TO HAVE RINGS, BUT NONE ARE AS SPECTACULAR OR AS COMPLEX AS SATURN'S. SATURN ALSO HAS DOZENS OF MOONS.



URANUS

URANUS WAS THE FIRST PLANET SEEN BY A TELESCOPE.

URANUS IS NEARLY 4 TIMES BIGGER THAN EARTH.

IT TAKES SUNLIGHT NEARLY 2 HOURS AND 40 MINUTES TO REACH URANUS.

URANUS ROTATES FASTER THAN EARTH SO A DAY ON URANUS TAKES 17 HOURS AND 40 MINUTES.

IT TAKES URANUS 84 YEARS TO ORBIT THE SUN.

NEPTUNE



DARK, COLD AND WHIPPED BY SUPERSONIC WINDS, GIANT NEPTUNE IS THE EIGHTH AND MOST DISTANT MAJOR PLANET ORBITING OUR SUN MORE THAN 30 TIMES AS FAR FROM THE SUN AS EARTH, NEPTUNE IS NOT VISIBLE TO THE NAKED EYE. IN 2011, NEPTUNE COMPLETED ITS FIRST 165-YEAR ORBIT SINCE ITS DISCOVERY.

NEPTUNE IS ONE OF TWO ICE GIANTS IN THE OUTER SOLAR SYSTEM (THE OTHER IS URANUS).

The End