

Name of the object in space - EARTH**size - diameter****13000 km****shape
(is it a sphere?)****slightly squashed sphere****orbit
(does it go round the Sun?)****yes****orbit inclination****none****distance from the Sun****150 000 000 km****what is it made from?
(surface/atmosphere)****atmosphere of nitrogen and
oxygen surface of water and rock****temperature****16 °C****does it shine on its own
or reflect light from the Sun?****reflects light from the Sun**

Name of the object in space - MOON**size - diameter****3 500 km****shape
(is it a sphere?)****yes****orbit
(does it go round the Sun?)****no, it goes round the Earth****orbit inclination****5° (small)****distance from the Sun****similar to Earth****what is it made from?
(surface/atmosphere)****no atmosphere,
surface of solid rock****temperature****max 110 °C min - 185 °C****does it shine on its own
or reflect light from the Sun?****reflects light from the Sun**

Name of the object in space - MERCURY**size - diameter****4 900 km****shape
(is it a sphere?)****yes****orbit
(does it go round the Sun?)****yes****orbit inclination****7° (small)****distance from the Sun****58 000 000 km****what is it made from?
(surface/atmosphere)****heavy rock core, solid crust,
almost no atmosphere****temperature****430 °C****does it shine on its own
or reflect light from the Sun?****reflects light from the Sun**

Name of the object in space - SATURN**size - diameter****120 000 km****shape
(is it a sphere?)****sphere with rings****orbit
(does it go round the Sun?)****yes****orbit inclination****2.5° (small)****distance from the Sun****1430 000 000 km****what is it made from?
(surface/atmosphere)****atmosphere of hydrogen
and helium****temperature****-140 °C****does it shine on its own
or reflect light from the Sun?****reflects light from the Sun**

Name of the object in space - TITAN**size - diameter****5 150 km****shape
(is it a sphere?)****yes****orbit
(does it go round the Sun?)****no, it orbits Saturn****orbit inclination****not applicable****distance from the Sun****same as Saturn****what is it made from?
(surface/atmosphere)****atmosphere of nitrogen, not sure
about surface****temperature****not known****does it shine on its own
or reflect light from the Sun?****reflects light from the Sun**

Name of the object in space - MARS**size - diameter****6 800 km****shape
(is it a sphere?)****yes****orbit
(does it go round the Sun?)****yes****orbit inclination****1.9° (very small)****distance from the Sun****228 000 000 km****what is it made from?
(surface/atmosphere)****surface of red rock and dust,
frozen carbon dioxide at polar
caps, thin atmosphere****temperature****-30 °C****does it shine on its own
or reflect light from the Sun?****reflects light from the Sun**

Name of the object in space - PLUTO**size - diameter****2 300 km****shape
(is it a sphere?)****not known****orbit
(does it go round the Sun?)****yes****orbit inclination****17° (much bigger than other
objects)****distance from the Sun****5 870 000 000 km****what is it made from?
(surface/atmosphere)****thin atmosphere the surface may
be made of ice and rock****temperature****-230 °C (very, very cold)****does it shine on its own
or reflect light from the Sun?****reflects light from the Sun
very faintly**

Name of the object in space - TEMPEL-1**size - diameter****not known****shape
(is it a sphere?)****not known, may be a sphere
with a tail****orbit
(does it go round the Sun?)****yes, in a huge loop****orbit inclination****10°****distance from the Sun****about one light year away at its
furthest point****what is it made from?
(surface/atmosphere)****possibly ice and rock****temperature****does it shine on its own
or reflect light from the Sun?****reflects light from the Sun**

Name of the object in space - CERES**size - diameter****975 km****shape
(is it a sphere?)****no****orbit
(does it go round the Sun?)****yes, in an orbit between Mars
and Jupiter****orbit inclination****10°****distance from the Sun****415 000 000 km****what is it made from?
(surface/atmosphere)****rock****temperature****not known****does it shine on its own
or reflect light from the Sun?****reflects light from the Sun**

Name of the object in space - JUPITER**size - diameter****140 000 km****shape
(is it a sphere?)****sphere with lots of moons, one
of which is bigger than Mercury****orbit
(does it go round the Sun?)****yes****orbit inclination****1° (very small)****distance from the Sun****780 000 000 km****what is it made from?
(surface/atmosphere)****clouds of gas****temperature****110 ° C****does it shine on its own
or reflect light from the Sun?****reflects light from the Sun, but it
would be a star if it was a little
bit bigger**

Name of the object in space - NEPTUNE**size - diameter****51 000 km****shape
(is it a sphere?)****sphere with rings and many
moons****orbit
(does it go round the Sun?)****orbits the Sun****orbit inclination****1.8° (very small)****distance from the Sun****4 500 000 000 km****what is it made from?
(surface/atmosphere)****clouds of frozen methane crystals****temperature****-200 ° C****does it shine on its own
or reflect light from the Sun?****reflects light from the Sun**

Name of the object in space - VENUS**size - diameter****12 000 km****shape
(is it a sphere?)****yes****orbit
(does it go round the Sun?)****orbits the Sun****orbit inclination****3.4° (small angle)****distance from the Sun****108 000 000 km****what is it made from?
(surface/atmosphere)****clouds of acidic carbon dioxide
gas its surface is rocky****temperature****470 ° C****does it shine on its own
or reflect light from the Sun?****reflects light from the Sun**

Name of the object in space - URANUS**size - diameter****51 000 km****shape
(is it a sphere?)****sphere with rings and lots of
moons****orbit
(does it go round the Sun?)****yes****orbit inclination****0.8° (very small)****distance from the Sun****2 900 000 000 km****what is it made from?
(surface/atmosphere)****methane gas****temperature****-195 ° C****does it shine on its own
or reflect light from the Sun?****reflects light from the Sun**