



BUILD YOUR OWN SOLAR SYSTEM MOBILE!

Color, cut, and build your very own solar system mobile.
Then hang it up and watch it spin!

1 **COLOR** the sun
and planets.



2 **CUT** out each circle
on the dotted line.



3 **PUNCH** a hole in the
top of each circle.



4 **TIE** a string to each
planet and the sun.



5 **HANG** them from a
hanger or circular base
in this order, from closest
to the sun to farthest.



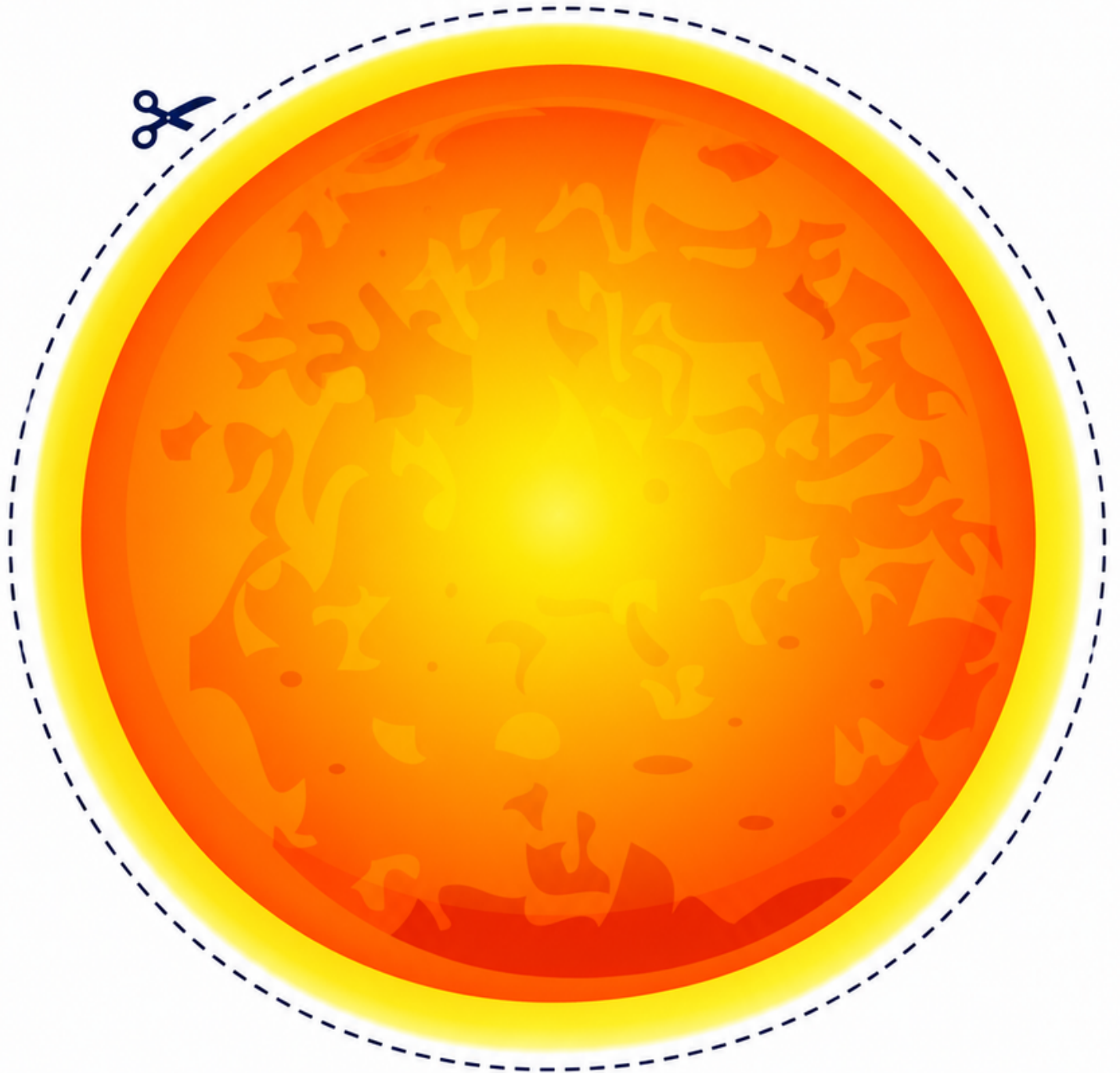
YOU WILL NEED:

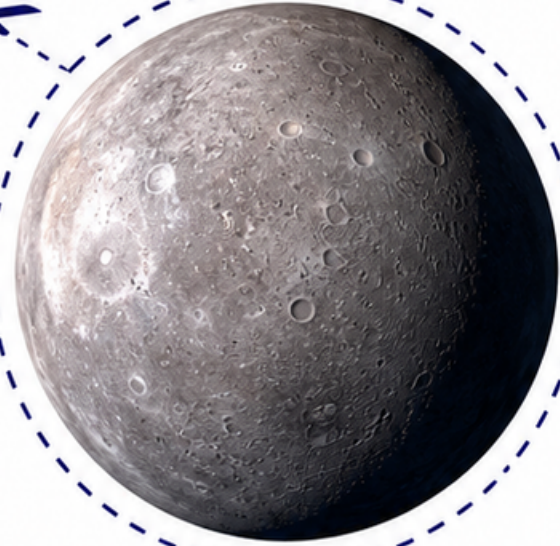
- ★ String or yarn
- ★ Tape or glue
- ★ Scissors
- ★ Hole punch or large nail
- ★ Cardboard circle (a pizza circle works great!)
- ★ Crayons, markers, or colored pencils



The Sun

The sun is much too big to show inaccurate proportion to the planets, so we will just make it the biggest. Without the warmth and light of the sun, nothing could survive on our planet.





Mercury

Mercury is the closest planet to the sun.

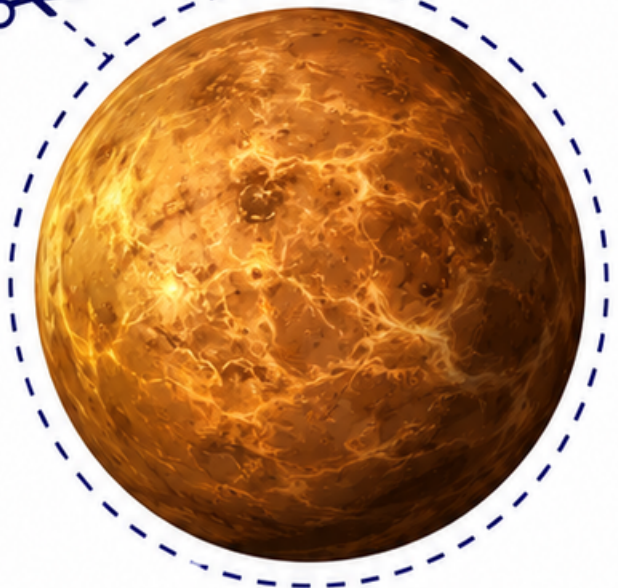
The surface of this barren planet is covered with craters. These craters have been created by thousands of years of being hit with asteroids and comets.

There is no atmosphere on Mercury.

Venus

Venus is the second closest to the sun.
It is the hottest planet in the solar system.

It is the brightest of all the planets,
and is also known as the evening star and
the morning star.





Earth

The Earth is the third planet from the sun, and the fifth largest of the eight planets in our solar system. It was formed 4.5 billion years ago, and life appeared on its surface within 1 billion years. Earth is home to millions of species, including humans — and that means you!



Mars

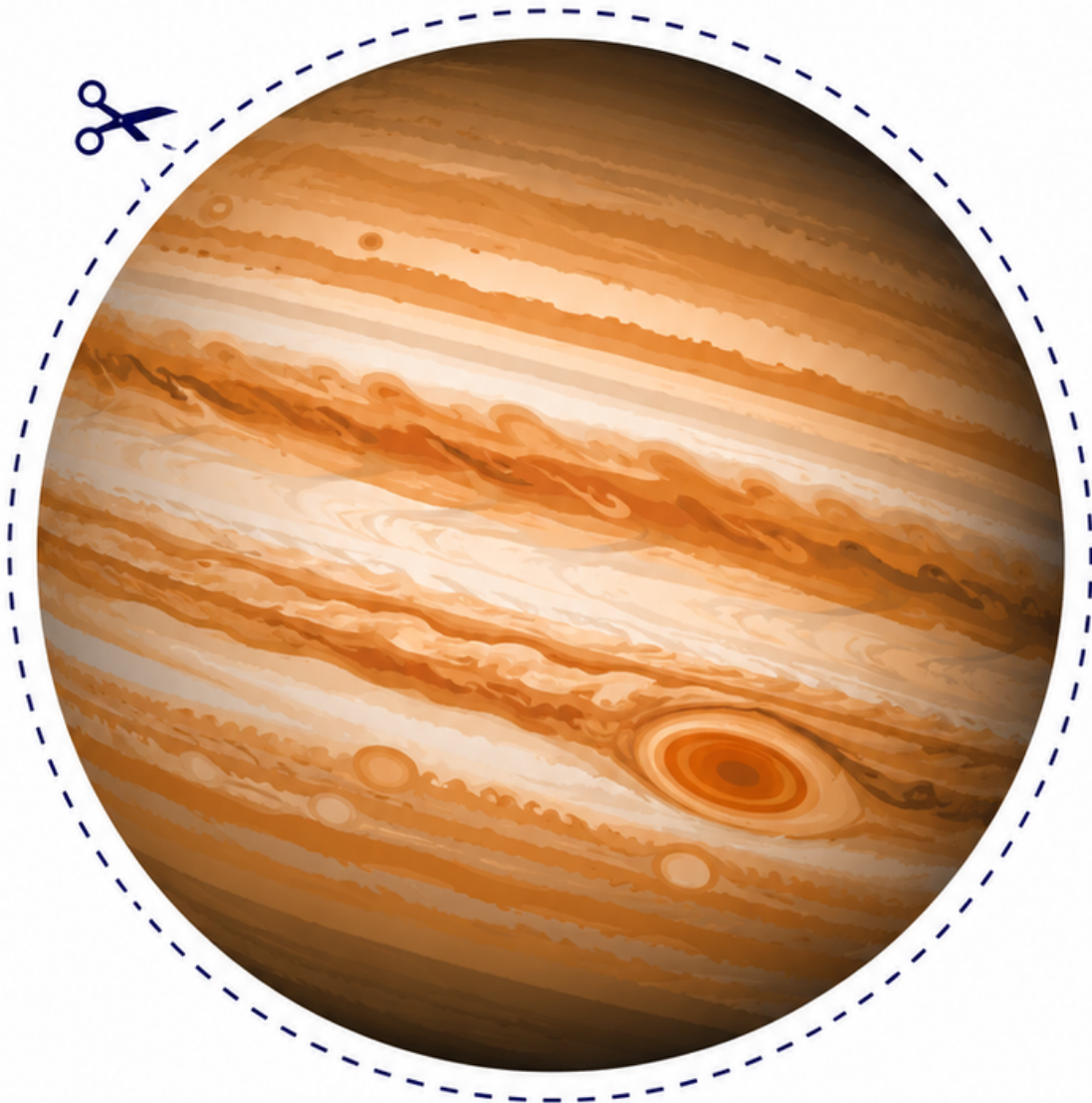
Mars has two moons and is nicknamed "The Red Planet." Mars is the only planet whose surface can be seen in detail from the Earth. Mars is the fourth closest planet to the sun.





Jupiter

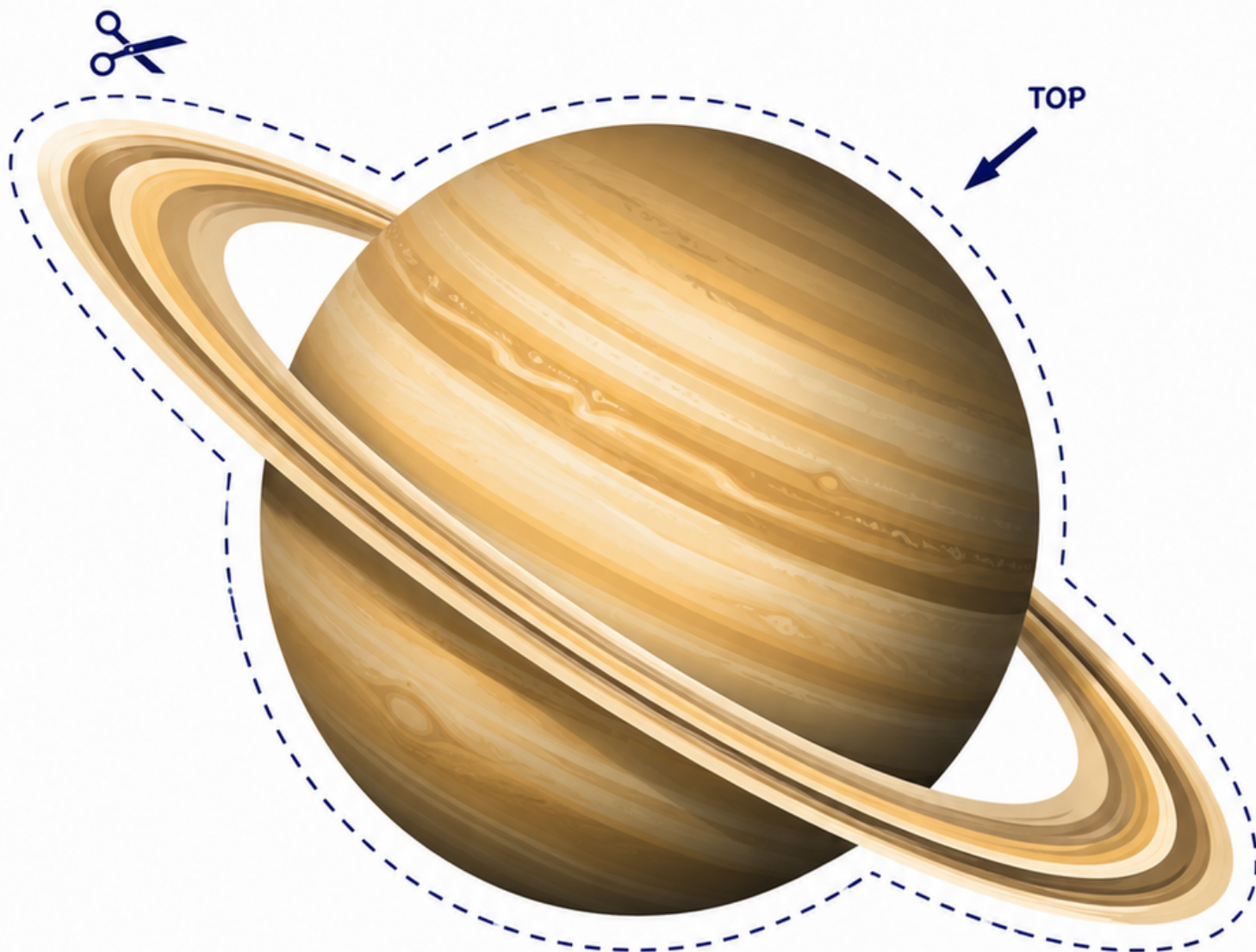
Jupiter is the largest planet in the solar system, and the fifth closest planet to our sun. If you weigh 100 pounds on Earth, you would weigh 264 pounds on Jupiter. Jupiter rotates faster than any other planet. It rotates so quickly that the days are only 10 hours long. The great red spot on Jupiter is a storm that has been going on for over 300 years.





Saturn

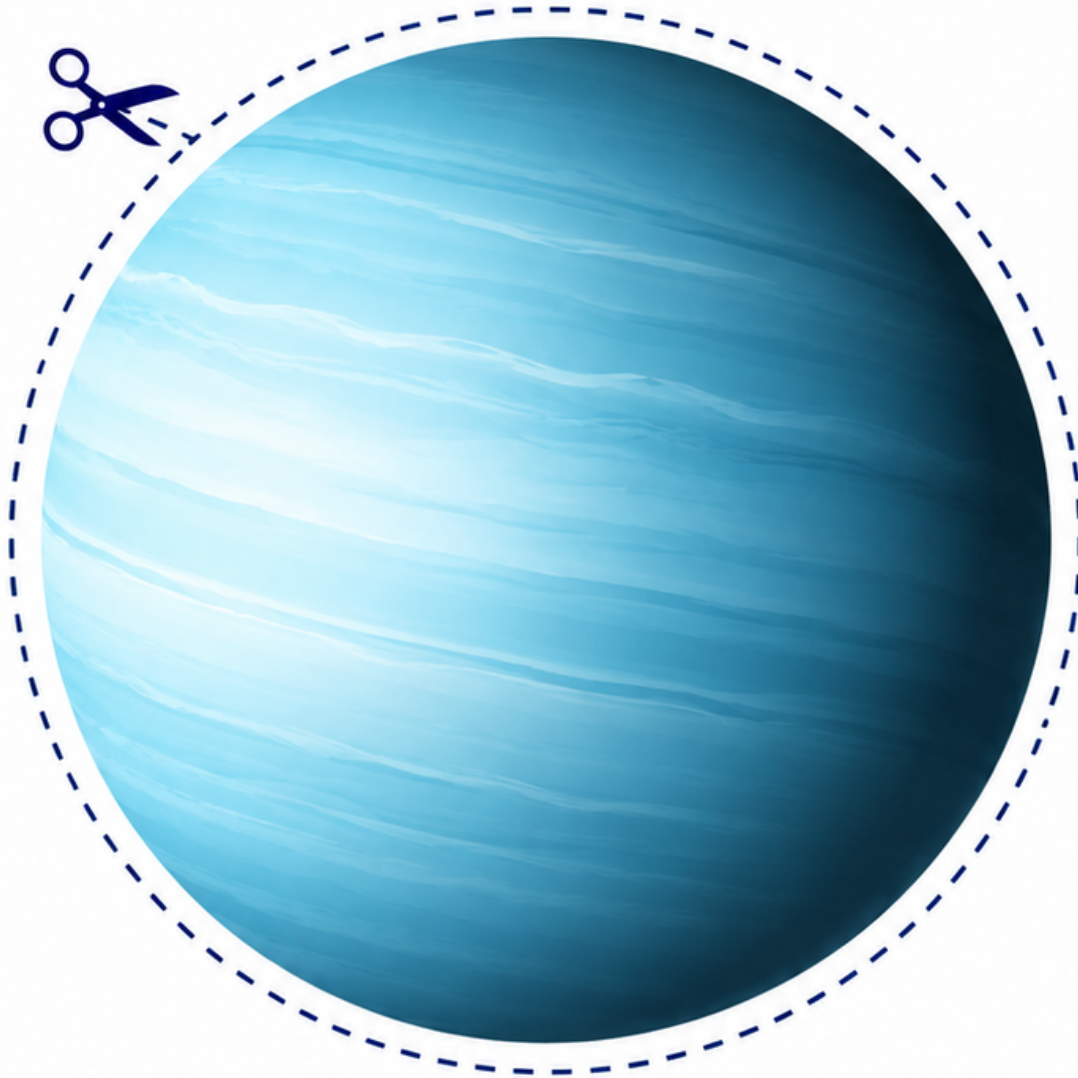
Saturn is the sixth planet from the sun and the second largest in the solar system, Saturn has over 60 moons, and is surrounded by a beautiful system of rings.





Uranus

Uranus is the seventh planet from the sun. Because of the strange way it spins, nights on some parts of Uranus can last for more than 40 years. Uranus is a very cold planet. It is made up of rock and ice and has a large rocky core. It has the nickname "Ice Giant." It is possible there are diamonds on the surface of this planet.





Neptune

Neptune is the eighth planet. It is the farthest planet from the sun.

It is the fourth largest planet. The interior of Neptune, like that of Uranus, is made mostly of ice and rock.

A gas called methane causes Neptune to look blue.

