

Earth Yay!

Paper Plate Solar System



Materials

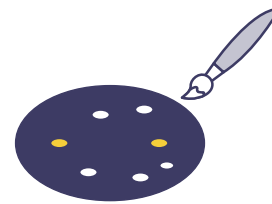
- Paper Plate
- Hole Punch
- White Yarn
- Paint or Coloring Utensils
- Scissors
- Paintbrush
- Sun and Planet Template or Construction Paper

Directions

Part 1: Paint Your Solar System



1. Start by painting the paper plate black and give it a minute to dry.

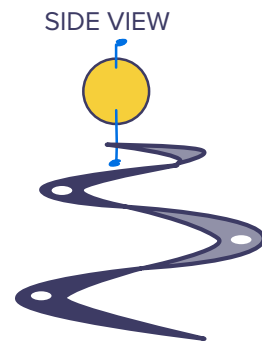
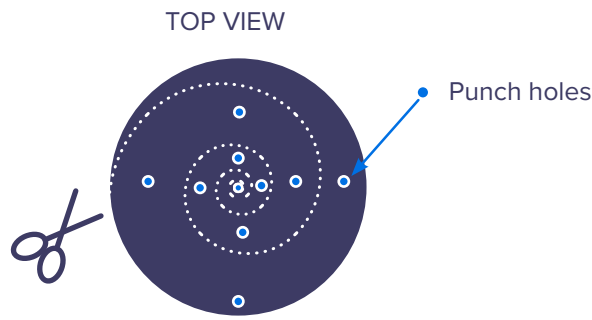


2. Use a little bit of yellow and white paint to paint on some stars and meteors.

Part 2: Make the Sun and Planets

1. Use provided planet template at the end of this document and color or paint the sun and planets. Then, cut out the sun and planets.
2. If you are not using the provided planet template, you will need an assortment of colored construction paper to make the sun and 9 planets. Using different sized round items, trace out your sun and planets on the colored construction paper. Then, cut out the sun and planets.

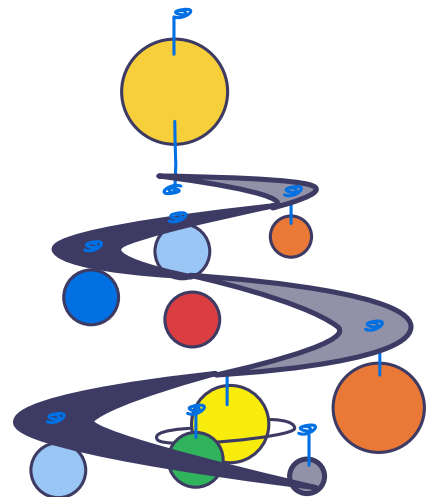
Part 3: Make Your Mobile



1. Get the dry galaxy plate and start about 2” in and cut a spiral.
2. Punch a hole in the very center of the spiral, the punch will be for the hanger. Then, punch 9 more holes, spaced out as the spiral goes downward.
3. Punch a hole in the top and bottom of the sun.
4. Cut about 1 yard of white yarn and fold it in half. Then, weave it into the holes you put in the sun leaving extra on the end to hang the mobile.
5. Weave the ends of the yarn into the very middle hole on the plate and knot it.

Part 4: Put the Planets in Orbit

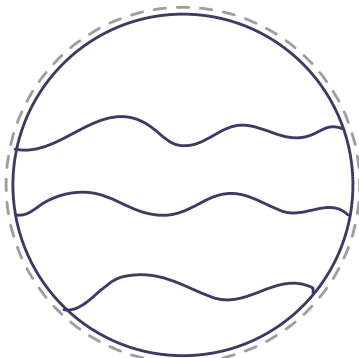
1. Line the planets up in order and punch a hole in the top of each planet.
2. Cut a piece of white yarn for each planet. Then using the yarn tie each planet to the holes punched in the mobile, starting with Mercury at the top and Pluto at the bottom.



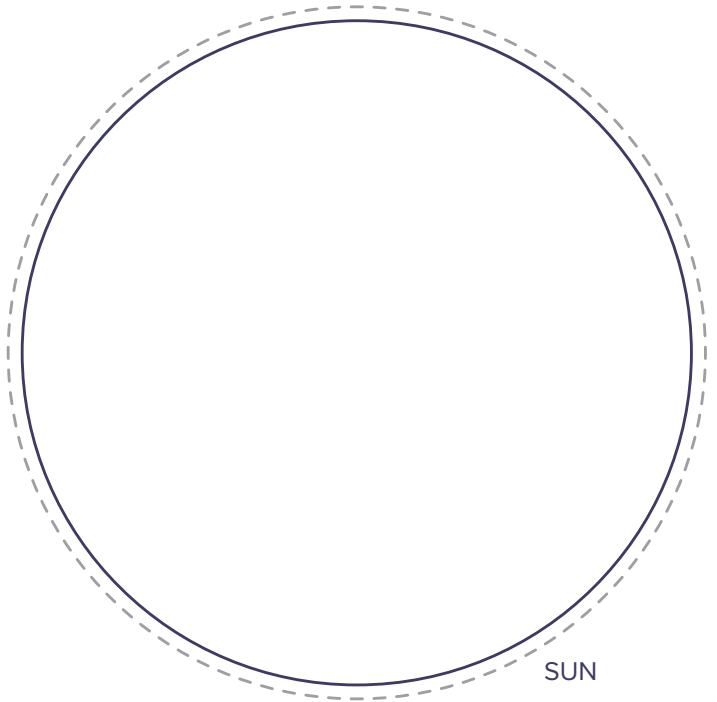
Sun and Planet Template



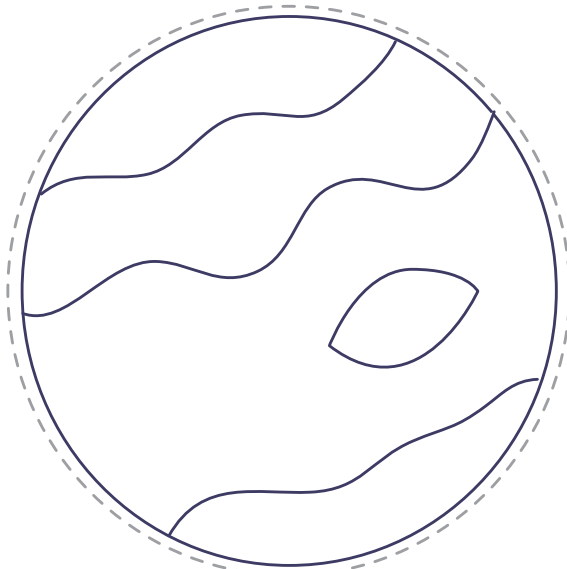
MERCURY



VENUS



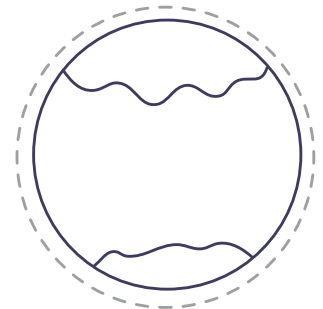
SUN



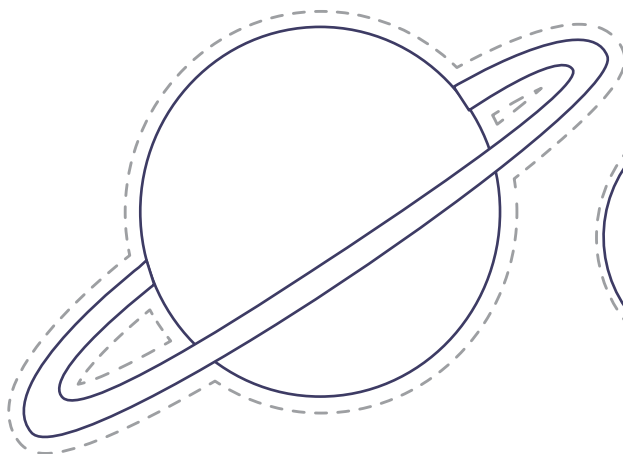
JUPITER



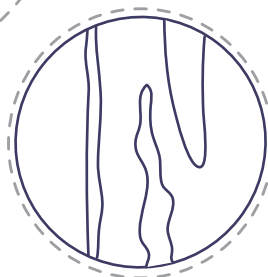
EARTH



MARS



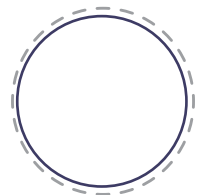
SATURN



URANUS



NEPTUNE



PLUTO