

Make a Model Solar System

Build your own model and discover our Solar System!

Materials:

Planets: Play dough, clay, small toy balls, or aluminum foil.

Sun: A balloon or larger ball.

Asteroid Belt and Kuiper Belt: Small rocks, clay, aluminum foil.

Saturn's rings: Markers or crayons, heavy paper, glue, scissors, craft knife.

You do not have to create the planets to scale. However, you can use this image as a guide to making your sun and planets about the correct size in relation to each other.

Image: NASA.

Instructions:

Step 1:

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Introduce the Solar System to your child(ren)!

First, place the Sun on the floor. Explain that the Sun is big and is the center

Solar System Fun Facts

Share a fact about each object as your child holds the planet and moves it around the Sun. Here are some examples:

The Sun is so big, one million Earths could fit inside minutes to reach the Earth.

Mercury is the smallest planet in the Solar System and closest to the sun. It is