

Sci-Map Site

Gainesville Solar Walk

Name of Activity

3-D Relative Size of the Planets Model

Before, While, or After?

Before You Go

Materials

See attached pdf file for items you need to create your model. You can create a permanent model with beads and balls (1st PDF) or make an edible snack and bring it with you to snack on while you walk through the solar system (2nd PDF).

Procedure

Collect balls and beads that are approximately the size of the planets. The inner planet beads can be put on a safety pin so they don't get lost.

The Science Behind It

The Gainesville Solar Walk shows the relative distance between the sun and planets in our solar system. It is difficult to show how big (or small) the planets and sun are with respect to how far apart they are. Taking a model of the relative size to the Gainesville Solar Walk will give a good idea of how much space is in space!

Post Image



3-D Model made with beads and ping pong ball. On this model a 13 in beach ball could be the sun

Supporting File 1 - Printable templates or additional information

- [8th-Avenue-Relative-Size-of-Planet-Model-2D-and-3D.pdf](#)

Supporting File 2 - Printable templates or additional information

- [8th-Avenue-Relative-Size-of-Planet-Model-Edible.pdf](#)

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