

Sci-Map Site

Gainesville Solar Walk

Name of Activity

Math Challenge-Relative Distance to the Nearest Solar System

Before, While, or After?

After Your Visit

Materials

See attached math challenge PDF.

Procedure

Try the math challenge to make a mathematical model of the relative distances to objects in our solar system and our nearest neighbor.

The Science Behind It

Mathematics can be used to understand and explain the world around us. You can make a physical model or you can understand the world with mathematical models. Can you calculate the nearest star outside our solar system and try to identify where the obelisk for it would have to be placed if we used the Gainesville Solar Walk model?

Supporting File 1 - Printable templates or additional information

- [8th-Avenue-Relative-Distance-to-Proxima-Centauri-Math-Model.pdf](#)

Supporting File 2 - Printable templates or additional information

- [8th-Avenue-Relative-Distance-to-Proxima-Centauri-Math-Model-Answers.pdf](#)

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