

Name:

Date:

Class:

Solar Panel Design Worksheet

Problem: The solar panel is not getting enough sun exposure.

Research: The sun moves across the sky throughout the day. Sunflowers bend and turn to follow the sun.

Imagine: How could a solar panel follow the sun? Draw it.

Constraints: You can only use pipe cleaners. The solar panel must be held securely.

Plan: Draw your prototype

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Create: Build then draw your design.

Test: Circle the result My Solar Panel moved with the sun: Yes/ No

Improve: How could we make the solar panels stands face the sun all day? All year? Draw your iteration.