

Unit 3, Topic 4 – Investigation and Research

1. Use the Internet to find pictures of solutions that are similar to your problem situation. Each picture should have a caption that explains how the picture informs your build. You should have anywhere between 6 to 12 pictures (mandatory). You may also find how-to videos on YouTube that may help your build (optional).

Here is an example using solar panel placement:



This homeowner has placed panels on almost every flat, exterior surface of their home. The ones on the roof may be at a good slope. However, the ones on the garage doors are vertical. They would not be useful when the sun is positioned overhead.

This picture teaches us that an angle between maximum and minimum sun positions is the best for a consistent energy level.

