**Solar Tracker: Final Questions**

1. Solar panels can be stationary, can be manually moved several times a year, or can have a solar tracking system that enables the panel to follow the sun throughout the day. If you were to design a solar array to power your school ALL YEAR, which would you choose? Why?

1. Solar tracking systems are expensive, and the cost of solar tracking systems can outweigh the benefit of installing solar panels. Therefore, many solar panels are installed to be stationary.

Look back at the following work that you've done, including:

* The solar altitude and solar azimuth angles for various days and times at your school.
* The optimal surface azimuth angle and tilt angle for solar panels for various days and times of year at your school.

If you had to design stationary solar panels for your school that powered the school ALL YEAR, what would you recommend for the:

Solar Panel Surface Azimuth Angle:

Solar Panel Tilt Angle:

Why do you recommend these settings?

1. Reflection: After completing this unit, would you feel comfortable helping your family conduct research on whether solar power is a viable option for where you live? Why or why not? What kind of things would you consider when determining if solar power would work for your house?