

Mr. Gerber  
STEM, Period 2  
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## **STEM Solar Panel Proposal**

Adding solar panels to Lincoln Hall Middle School is beneficial in many ways. However, there are still many factors to consider. One of the most important of them is the location and placement of the panels. There are many criteria and constraints to take into consideration. For example, the six solar panels, each 65 inches by 39 inches, must be facing south. This ensures that they will be in the sun as much as possible. The location in the front of the school, shown in the image below, is the most reasonable location to place the solar panels. They are facing the south, with nothing in front of them to block the shade. This location would make it visible to the students, as it is in the front of the building and directly above the “Lincoln Hall” sign. The panels would not only be visible to students, but also to cars that pass through the streets. Showing that our school is making an effort to reduce climate change can influence Lincolnwood citizens into making a change in their lives to combat global warming with their community.

