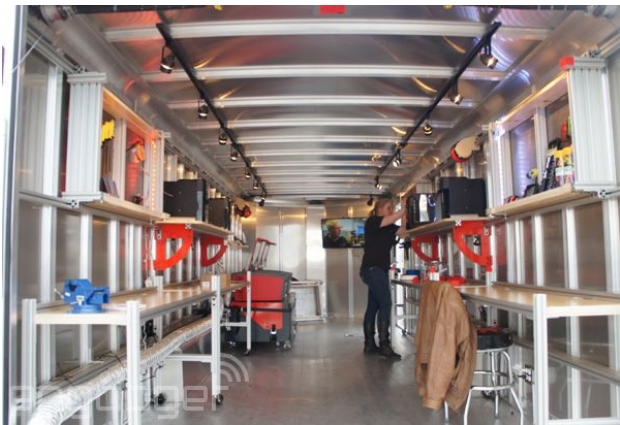


Elementary Makerspace

Makerspaces, sometimes also referred to as hackerspaces, hackspaces, and fablabs are creative, DIY spaces where people can gather to create, invent, and learn. For elementary students this would be a safe place to make a mess and create.

My goal is to create a place where learning meets creativity. Some of the possibilities might include:

- | | |
|--|---|
| <ul style="list-style-type: none">• Cardboard construction• Prototyping• Woodworking• Electronics | <ul style="list-style-type: none">• Robotics• Digital fabrication• Building bicycles and kinetic machines• Textiles and sewing |
|--|---|



I am currently working on a project to expand experiences to more students across Cumberland and in the community.

I want to create a Makerspace for Cumberland Elementary and the community. Due to space limitations I cannot do this in the school building...so I want to create a Makerspace trailer. Please see the link below or check out what others are doing around the country.

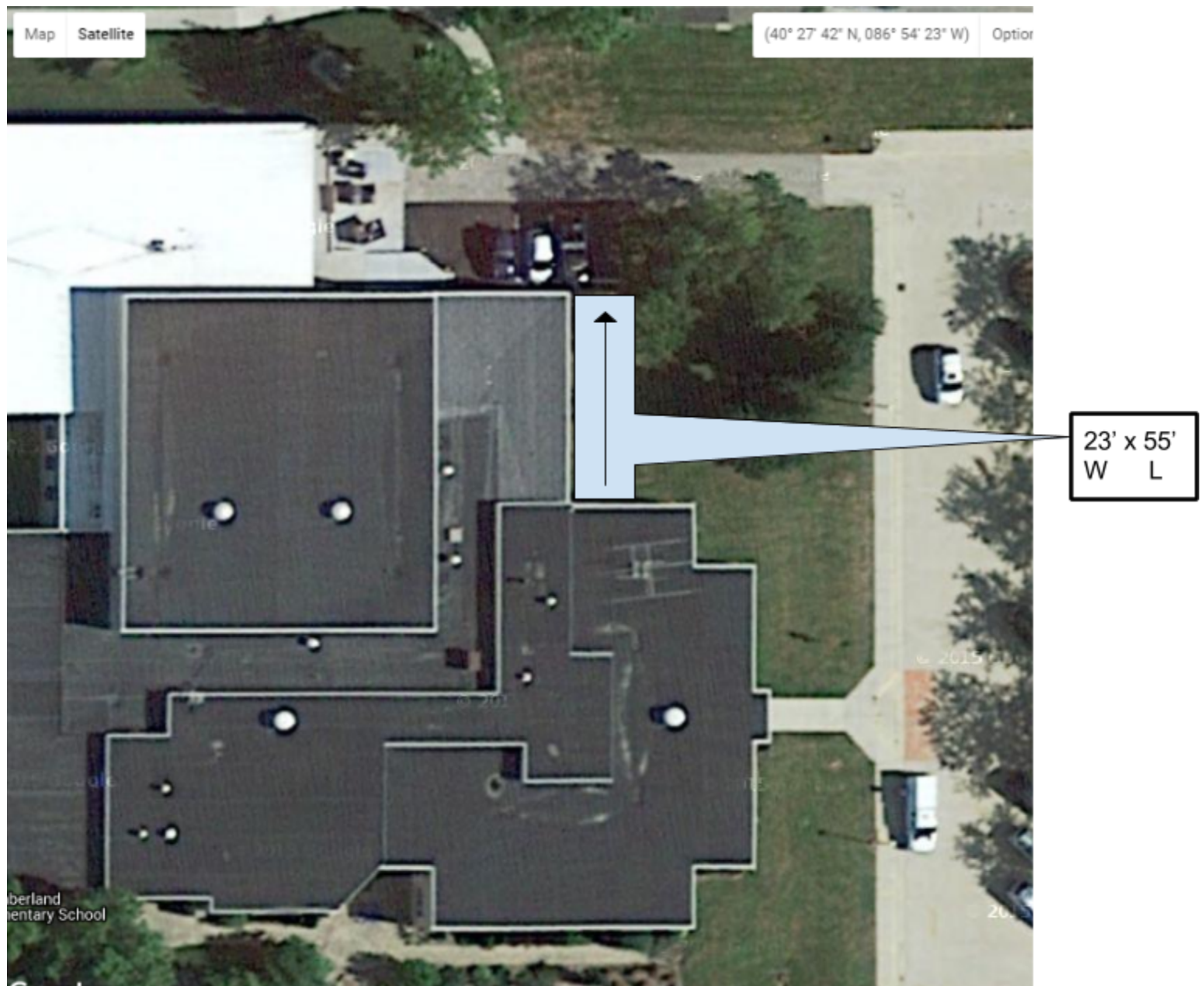
I have tools and several materials to start this project, but I NEED a trailer. Ideally this would be a box/cargo/enclosed trailer that could be transformed into a Makerspace.

<http://mrbrantley.weebly.com/makerspace-project.html>

Map of Cumberland and storage of Makerspace Trailer:

Below is the available space at Cumberland Elementary. Administration and Maintenance are working toward paving a parking/workspace for the trailer. This would allow for easy parking and access to hook up and use in the community.





- Available space of approximately 23ft by 55ft
- Grading flows north towards parking lot (see arrow)
- Plans ready to grade and pave space for makerspace trailer



About the Maker Movement

The “Maker Movement” is energizing America’s educational landscape. Based on the realization that some of the most important, creative STEM + A (Science, Technology, Engineering, and Math + Arts) learning takes place outside of traditional classrooms, makerspaces are popping up in science and children’s museums, libraries and community centers. As such, the maker movement is a much needed counterbalance to the increasingly standards-driven curriculum that drives traditional classroom instruction.



Roller carts and STEM and Arts supplies are just a few ideas. Modular carts to specialize the trailer might be possible. Storage for materials will be key to this trailer as a travel work space.

