

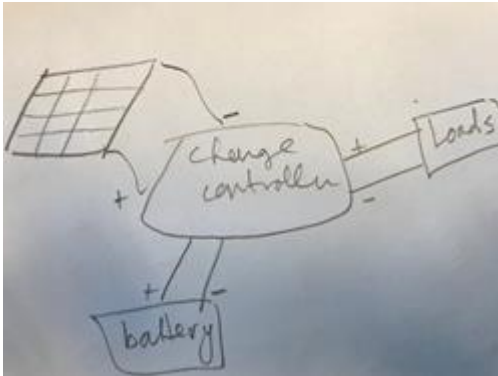
Solar Day 6 - System diagram

Due: Monday 3/11/24

Your task today is to create a diagram or image of the solar emergency power system that we are each designing. The diagram/image can be created in Inkscape or Tinkercad (your choice) and must include the following elements, clearly labeled and visible:

1. A solar panel
2. A battery
3. A charge controller
4. One or more loads
5. Two wires connecting each part to the charge controller.

An example of the parts and a possible arrangement are here in this quick sketch I did on paper:



Create your diagram electronically (Tinkercad or Inkscape). The image above is just showing you the information you need to include and how it might be arranged (there are four parts, plus wires.)

You can use Tinkercad or Inkscape. If you use Tinkercad just use the 3D modeling functions to make each part on the work plane (the Circuits area doesn't have solar panels or charge controllers, so it would be hard to model our design there.)

Whether you do the work in Tinkercad or Inkscape, please use text to put labels next to or onto each part.

When you are done turn in a share link (if you used Tinkercad) or the Inkscape file if you used Inkscape.

Here's a sample of something I created in Tinkercad to the right.

