**Possible Experiment Topics**

\* Possible Topics for Website entries under the technology header

1. Active Solar

·Example that demonstration of utility (that will help people imagine it powering their house)

2. Passive Solar (not hard for most people to understand – anyone with a car has experienced it, but if you wanted to demo its UTILITY):

· solar oven cooking demo

· solar concentrator water boiling demo

· sample trombe wall

3. Water Management

· small-demo rain garden (for storm water)

· example green roof for both storm water management and thermal protection (Possibly using a container and a thermometer?).

· pervious vs. impervious materials

· small-scale artificial wetland for grey water filtration (cross-section behind plexiglass?)

· black-water???

Waste Management

· composting demo?  Time and scale may be too long, but could we turn this into a permeate art piece?

·  composter (haven’t seen it) that pelletizes compost

Recycled and Green Materials

·  generally samples of final product, But having an example of what it is recycled or made FROM could turn into a cool art piece

Window Technology

· sage glass (may be too pricey, need more information)

· translucent vs. transparent

· low-E vs. standard glass

· single pane vs. double or triple pane

· blinds outside vs. between panes, vs. inside

· overhangs vs. shutters vs. nothing

Wall and roof mock-ups (different renovation techniques, materials, different PARTS of the wall) Again this could turn into a really cool art piece if done correctly

·  mass wall (AAC?, brick?)

· exterior insulation

· double stud wall