I give them a lot of leeway in putting these together. Typically, they have ½ hour and answering all the questions, building a display and coming up with an engaging way to present the info is a challenge. Here’s what I tell them:

1. If you have a piece of equipment, the priority is to practice using that equipment. Gather some data, then present it and teach us how to use it.
2. Don’t feel like you have to answer all the questions. If time is an issue, just choose a couple or even 1. Do a thorough job with whatever you choose.
3. Your presentation should take a max of 5 minutes

Below, for each exhibit, I’ve provided page#’s where they can find the info. Recommend only providing the applicable materials to each group. Those with a * include equipment. If you have a smaller group, cut out the exhibits that don’t include equipment.

1 – Energy Consumption in the US
Secondary Infobook pgs 8-11

2 – Why Saving Energy is Important
Secondary Infobook pgs 8-11, 13, 19, 46, 52-53

*3 – Heating – EQUIPMENT: TEMP/RH PEN, OUTLET GASKETS
Saving Energy Student Guide 33-38
Monitoring/Mentoring Student 4-5
Monitoring/Mentoring Teacher pg 39
Energy Savers 4-15
Secondary Infobook pgs 73-74

*4 – Cooling – EQUIPMENT: THERMOSTAT TEMPERATURE GUIDE
Saving Energy Student Guide 33-38
Monitoring/Mentoring Student 4-5
Energy Savers 10-15
Secondary Infobook pgs 73-74

* 5 – Lighting – EQUIPMENT: LIGHT METER, FLICKER CHECKER
Saving Energy Student Guide 49-52
Monitoring/Mentoring Student 6-7, 27-35
Energy Savers 10-15
Secondary Infobook pgs 73-74

*6 – Water Heating – EQUIPMENT: FLOW METER BAG, HOT WATER GAUGE (CARD), FAUCET AERATORS, SHOWERHEAD, PROBE THERMOMETER
Saving Energy Student Guide 40-44
Monitoring/Mentoring Student pg 7
Monitoring/Mentoring Teacher pg 38
Energy Savers 16-17
Secondary Infobook pgs 75

*7 – Electrical Devices and Appliances – EQUIPMENT: KILL-A-WATT METER, FRIDGE THERMOMETER
Saving Energy Student Guide 54-58
Monitoring/Mentoring Student pg 5-6, 45-48
Energy Savers 22-26
Secondary Infobook pgs 56-57, 60, 74

8 – Taking Care of Trash
Museum of Solid Waste.... 10-13, 18, 22-33