**My Energy Challenge Topic/Problem/Solution (from Worksheet 1):**

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| *INSTRUCTIONS:*  *Copy and paste your Energy Challenge topic, problem statement, and solution from Worksheet 1.*  EXAMPLE:  My house is cold in the winter because the windows are not properly sealed. I will take a three-pronged approach and seal windows, add plastic window covers, and thermal curtains to the windows. |

**Experiment/Design Plan:**

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| *INSTRUCTIONS:*  *How will you set up an experiment to test whether your proposed solution solves the energy problem?*  EXAMPLE:   1. Take temperature of a particular room, probably the coldest one, for 2 days at 3 hours apart. 2. Will seal the windows along the edges with caulking. Then same steps as Step 1. 3. Will add plastic insulation window covers. Then same steps as Step 1. 4. Will add thermal curtains to the windows. Then same steps as Step 1. 5. Keep track of data. 6. Figure out why it worked or did not work. |

**Materials & Supplies:**

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| *INSTRUCTIONS:*  *List of materials and amount needed for each.*  EXAMPLE:   * Infrared thermometer * Batteries * Caulking * Caulking gun * Plastic covers * Scissors * Thermal curtains * Curtain rods * Screw driver |

**Sources I Used:**

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