

Engineering and Design Cycle- Keep the Heat

Team Members and Responsibilities

| Team Name | Team Number |
|------------|-----------------|
| Your Name: | Responsibility: |
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Step One: State the Need or problem:

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What are the criterions (Must haves)?

What are the constraints (Restrictions)?:

Step 2: Brainstorm: Research: What did you find out about insulators and conductors or other valuable research?

Step 3 Design: What are 3 ideas for designs? Highlight the design you selected. Label sketches

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Step 4: Build it List the Materials that you need from your teacher.
Remember you may only select materials that have been provided.
Diagram and label the device you built with it's dimentions (size):

Step 5: Test and Evaluate:

| Successes (What went well?) | Failures (What didn't gowell |
|-----------------------------|-------------------------------|
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Step 6 Communicate your success and failures:

To which team did you communicate your successes and failures:

Step 7 What do you need to alter or re-design?

What advice did you get?
