**Problem: it is the year 2050 and we no longer have coal. You need to think of a way to generate electricity to power billions of buildings.**

Task: Design a new way of generating electricity.

Product: You will make a visual representation of your design. You also need research to support your claim with evidence on how it will work.

Materials: You will make a list (with amounts) of materials for your creation. If you need something special, you will bring the materials from home. I can store your materials in my back room, but your name must be one it.

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| Ideas | Can it actually work? |
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Materials:

Agenda:

Day 1:

Day 2:

Day 3:

Reflection:

Day 4:

|  |
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| Ideas I learned from others |
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Things to consider:

1. Where will this be located?
2. Will there be several?
3. How much will this cost people?
4. How much energy will it create?
5. How will it get to the people?
6. Does this have any negative or positive effects on the environment?

You will need a rough draft-sketch and a final product.