**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Year 8 Renewable Energy Research Project**

You have been learning in your last few geography lessons countries, like China, use too much energy that is damaging the environment. One of the ways we can help to planet is to start using **renewable energy**. You will spend the next two lessons creating a PowerPoint document showing all of your research on this topic. Your PowerPoint must include the following information:

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| --- | --- | --- |
|  | **Success Criteria** | **Tick when you’ve completed the tasks** |
| Developing | Task 1: Non renewable energy * **Describe** the term ‘sustainability’
* **Describe** what non-renewable energy is and give some examples.
* **Explain** why non-renewable energy is so bad for the environment
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| Secure | Task 2: What is renewable energy?* **Explain** what renewable energy is

Task 3: What are the different types of renewable energy?* **Research** the following types of renewable energy:
* Wind energy
* Solar energy
* Geothermal energy
* Tidal energy
* Wave energy
* Biomass
* Hydrogen fuel cells
 |  |
| Secure + | Task 4: Which renewable energy is best?* **Judge** which one of the renewable energy types you have research is the best one and justify why you think that.

Task 5: Is China using renewable energy?* **Research** which type/types of renewable energy China uses the most and find out as much as you can about how they are using them.

Task 6: Is anyone else using renewable energy?* **Research** whether there are any countries which are using renewable energy.
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