**Year 10 Earth and Space Assignment 2**

Life on Earth and Extinction Events

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

Your task is to research and produce an information sheet (like you would find in a museum) on the Origins of life on Earth on one side and past extinction level events on the other. You will need to include:

* At least three possible theories on the origin of life on Earth. You must concisely explain each of the theories and highlight at least one (1) possible flaw with each particular theory.
* You must include at least three past extinction level events in the history of life on Earth. You must once again explain the event and explain the evidence found by scientists of this event. You must also highlight where scientists have made inferences from the evidence found.
* You must explain a future possible extinction level event for humans, detailing what the event would be and how humans could possibly avoid extinction. You must incorporate and explain a "genetic bottleneck".