

Science – Year 5/6B Summer 2

Revision Block B

Sensational Science

Session 6

Resource Pack

The big debate

How did life begin?

You will need to research the issue and identify the various scientific theories and arguments available. Once you have explored all of the evidence, as a group you need to decide on your scientific stance on the issue and explain why you agree with this point of view. You will also need to outline whether the issue will ever be resolved and if so what advances in science will be required to achieve this.

Could there be other planets in our solar system?

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Do scientists know how a bike remains upright?

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Do scientists agree on how many species of animal exist?

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Court summary guidance

You will need to include summaries of the following to present before the Science Court for your concerned issue:

- 1. A brief outline of the key theories and the evidence presented to back each one up. You should try to include the names of some key scientists in the field**
- 2. A statement which identifies the theory you support having looked at the evidence**
- 3. An overview of the key arguments to support your chosen theory**
- 4. An explanation of why you have dismissed other theories**
- 5. Suggestions as to how the issue may eventually be proven/solved**

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