

History of the Earth

10SCIE - Geology

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2019

Learning Outcomes

- Get an overview for the history of the Earth

Starter

1. Draw a vertical line in the center of your page and label it from top to bottom with: 5 billion years ago, 4 billion, 3 billion, 2 billion, 1 billion and now.
2. Label one side **Scientists Estimation** and the other **My Estimation**.

Guess the dates of the following on your line:

- When the Earth was first formed
- When life first began
- When plants first appeared
- When dinosaurs first appeared
- When dinosaurs became extinct
- When early humans first appeared
- When humans started to record things

- When the Earth was first formed: 4.5 billion years ago
- When life first began: 3.5 billion years ago
- When plants first appeared: 470 million years ago
- When dinosaurs first appeared: 230 million years ago
- When dinosaurs became extinct: 65 million years ago
- When early humans first appeared: 200,000 years ago

- When humans started to record things: 5,000 years ago

Practical: Toilet Paper Timeline

Research / Homework

- Find out how scientists have aged the Earth.
- What evidence have they used for their estimation.
- Bring your research to class tomorrow!