

100 Greatest Scientific Discoveries

ELC-4040

NGSS

- MS-LS4-1
 - Analyze and interpret data for patterns in the fossil record that document the existence, diversity, extinction, and change of life forms throughout the history of life on Earth under the assumption that natural laws operate today as in the past.
- MS-ESS3-1
 - Construct a scientific explanation based on evidence for how the uneven distributions of Earth's mineral, energy, and groundwater resources are the result of past and current geoscience processes.
- MS-ESS3-2
 - Analyze and interpret data on natural hazards to forecast future catastrophic events and inform the development of technologies to mitigate their effects.

COMMON CORE

- RST.11.12.1
 - Cite specific textual evidence to support analysis of science and technical texts, attending to important distinctions the author makes and to any gaps or inconsistencies in the account.
- RST.6.8.1
 - Cite specific textual evidence to support analysis of scientific and technical texts.
- SL.8.5
 - Integrate multimedia and visual displays into presentations to clarify information, strengthen claims and evidence, and add interest.

- SL.5.5
 - Include multimedia components (e.g., graphics, sound) and visual displays in presentations when appropriate to enhance the develop too main ideas or themes.
- RI.5.1
 - Quote accurately from a text when explaining what the text says explicitly and when drawing inferences from the text.
- RI.5.7
 - Draw on information from multiple print or digital sources, demonstrating the ability to locate an answer to a question quickly or to solve a problem efficiently.
- W.5.1
 - Write opinion pieces on topics or texts, supporting a point of view with reasons and information.