

ACADEMIC EXCELLENCE

8th Grade Science

Earth, Created for Life

Earth Science

- Showing how the earth is unique by comparing it to other planets; comparing and contrasting the earth to the other planets; describing how the special zones in the atmosphere are evidence of God's good design; explaining how Earth's design helps humans explore the heavens
- Evaluating the risks and benefits of manned space exploration

Earth and Its Resources

- Explaining why Christians should be concerned about the environment; relating the study and use of minerals to exercising dominion
- Refuting the assertion that the earth was created to reuse rock natural resources; analyzing the risks and benefits of using fossil fuels; critiquing worldview assumptions behind global climate models; evaluating current fears of climate change
- Assessing the best uses of tides for generating electricity; proposing ways to use streams wisely; formulating a Christian perspective of climate change; assessing the importance of space exploration

Earth Science and the Glory of God

- Explaining how earth science declares God's glory
- Showing the impact of worldviews on earth science;
Comparing and contrasting a secular worldview and a biblical worldview



ACADEMIC EXCELLENCE

8th Grade Science

- Defending the idea that earth science can play a role in God's work of redemption; explaining why Christians do science; proposing ways that a Christian can live for the glory of God as a seismologist, volcanologist, sedimentologist, pedologist, oceanographer, speleologist, or climatologist
- Origins
- Summarizing the Bible's treatment of the earth's origin and history
- Evaluating the effectiveness of the old-earth story in accounting for the evidence; critiquing the validity of origin theories such as the Gap Theory, the Day-Age Theory, Progressive Creationism, Analogous Days Theory, the Framework Hypothesis, and Theistic Evolution
- Defending the claim that the earth is thousands (not millions) of years old

