

## In Semester Two in 5th Grade Science, students will:

...compare how animals respond to different things in different ways, such as automatically or by remembering what they learned before.

...explain why the sun looks brighter than other stars in the sky.

...research and explain where the Earth is in relation to other things in space, such as the solar system and the Milky Way galaxy and compare the size and shape of the Milky Way to other galaxies.

...understand how the Earth's tilt affects the amount of sunlight we get, and how this causes the seasons to change.

...use tools to describe how the stars and constellations look such as they are moving in the sky because of the Earth's movement.

...use evidence from fossils to figure out the order in which layers of rock were formed.

...compare how animals respond to different things in different ways, such as automatically or by remembering what they learned before.

...understand the difference between traits that an animal or plant gets from its parents and traits that are caused by the environment.

...provide evidence and analyze data to show that plants and animals have traits that they inherit from their parents, and that these traits can vary in a group of similar organisms.

...analyze and interpret data from fossils to learn about what types of organisms and environments existed in the past and compare these to living organisms and environments today. The student will also understand that most species of animals and plants that once lived on Earth are now extinct.

...use evidence to explain how variations in characteristics among individuals within the same species can help them survive and have babies.





In Semester Two in 5th Grade Social Studies, students will:

- ... analyze and understand the history of Tennessee before and after the Civil War, including how the Civil War and Reconstruction affected the state.
- ... review and build upon their understanding of the impact of the Civil War and the move towards industrialization and expansion in the late 19th and early 20th centuries and examine the goals and impact of key individuals and groups during this time.
- ... summarize and explain how the U.S. interacted with other countries and became involved in global conflict and describe the nation's role in resolving this conflict.
- ... analyze the cultural, economic, and political impact of U.S. involvement during World War II.
- ... examine the Civil Rights Movement at both the national and local levels and understand the cultural and political developments that occurred during this time.
- ... identify influential people from Tennessee in the 20th century, understand the challenges they faced and overcame, and describe their impact on American culture.
- ... describe the structures of Tennessee's government and compare and contrast the three grand divisions of Tennessee.