

# 6<sup>TH</sup> GRADE SCIENCE SYLLABUS

## **COURSE OVERVIEW**

Sixth grade science students will study inquiry, technology, and engineering. This will include designing experiments, choosing tools and procedures, organizing data, drawing conclusions, and identifying the bias. Students will also be studying life science, earth science, and physical science topics. Some of the topics included are food chains and webs, biomes, the seasons, phases of the moon, tides, eclipse, solar systems, atmospheres and climates, potential and kinetic energy, and simple circuits.

## **REQUIRED TEXT**

Glencoe Tennessee Science Grade 6. McGraw-Hill Education

ISBN: 978-0-07-890137-9

## **RESOURCES**

We will use multiple primary source documents throughout the school year, and these will be provided to students as we cover them. Please refer to the pacing guide for standards that will be covered and sources that might be analyzed. The pacing guide can be found on both the school and district websites.

## **COURSE SCHEDULE**

1<sup>ST</sup> NINE WEEKS – Interdependence of Living Things (on going)

- The Nature of Science and Technology
  - Inquiry (on going)
- Interactions of Life
- The Nonliving Environment
- Ecosystems

2<sup>ND</sup> NINE WEEKS – The Universe

- The Sun-Earth-Moon System
  - Tides (Ch. 13)
- The Solar System
- Exploring Space

3<sup>RD</sup> NINE WEEKS – Atmosphere

- Atmosphere
- Weather
- Climate
- Deep Ocean and Warm Water Currents (ch. 13)

4<sup>th</sup> NINE WEEKS – Energy and Forces in Nature

- Energy and Energy Resources
- Electricity

**ADDITIONAL INFORMATION**

Field trips, guest speakers, and major projects will be determined throughout the year.