

Department: Science

Course Name: Science 5 – Earth Science

Course Description:

Fifth Grade Science is designed to encourage and excite students to explore and engage in the natural world around them. Students will study Earth science topics related to Earth's structure and composition, geological changes, weather and climate, and water and other resources. In addition, students will be analyze ecosystems and study the science of the Chesapeake Bay watershed.

Content:

Methods of Science

Mapping Earth

Earth's Structure and Composition

Earth Processes

Earth's Atmosphere

Weather

Water and Other Natural Resources

Oceans

Skills:

Develop an understanding of scientific principles and methods

Use basic laboratory and field equipment

Practice measurement skills and conversions

Construct lab reports using a standard lab report format

Practice scientific writing skills

Use two facts, ideas, or events to discover a third fact or idea

Utilize learning management system

Text and Resources:

McDougal Littell Science

Verified websites

Science Apps

Methods of Instruction:

Field work

Lab work

Projects

Group collaboration

Science apps

Lectures

Interactive presentations and apps

Methods of Evaluation:

Labs

Demonstration Analysis
Tests
Quizzes
Homework
Individual and Group Work
Observations

