

Science: Grade 3 Curriculum Overview

Third grade uses Mystery Science to guide our curricular plan. These lessons engage students with an essential question that guides their investigations. Students participate using engaging discussions and hands-on explorations.

Skills to be developed throughout the course:

- Ask Questions and Define a Problem
- Develop and Use Models
- Plan and Carry Out Investigations
- Analyze and Interpreting Data
- Use Mathematics and Computational Thinking
- Constructing Explanations and Design Solutions
- Engaging in Arguments from Evidence
- Obtain, Evaluate, and Communicate Information

In Gower 3rd Grade Science Classrooms:

- Students will apply their knowledge of
 - Patterns in Nature
 - Cause and Effect
 - Scale, Proportion, and Quantity
 - System and System Models
 - Energy and Matter
 - Structure and Function
 - Stability and Change

Units of Study:

- Fossils, Animal Survival, & Heredity
- Life Cycles
- Plant Life Cycle & Heredity
- Weather & Climate
- Forces, Motion, & Magnets

The Learning Standards for this course are the Next Generation Science Standards.

- <https://www.nextgenscience.org/sites/default/files/3%20combined%20DCI%20standards%20f.pdf>