

Diocese of Allentown
Disciplinary Core Ideas: Elementary School Overview

KINDERGARTEN

From Molecules to Organisms:
Structures and Processes

Forces & Motion

Types of Interactions

Conservation of Energy &
Energy Transfer

Weather, Climate & Natural
Hazards

Natural Resources

Human Impact on Earth Systems

1ST GRADE

Structure & Function

Growth & Development of
Organisms

Inheritance of Traits

Wave Properties

Electromagnetic Radiation

The Universe and Its Stars

Earth and the Solar System

2ND GRADE

Interdependent
Relationships in Ecosystems

Biodiversity and Humans

Structure & Properties of
Matter

Chemical Reactions

The History of Planet Earth

Earth Materials & Systems
Interactions

Roles of Water in Earth's
Surface Processes

-Each teacher has the flexibility to cover the disciplinary core ideas (DCI) in the order which best meets the learning needs of their students.

-Each DCI should take approximately 30 days to complete, allowing for two DCI to be completed each trimester.