

## Diocese of Allentown Disciplinary Core Ideas: Overview

### GRADE 6

Light & Matter

Thermal Energy

Weather, Climate  
& Water Cycling

Contact Forces

Sound Waves

Forces at a Distance

### GRADE 7

Cells & Systems

Metabolic Reactions

Matter Cycling  
& Photosynthesis

Ecosystem Dynamics  
& Biodiversity

Genetics

Natural Selection  
& Common Ancestry

### GRADE 8

Chemical Reactions  
& Matter

Chemical Reactions  
& Energy

Earth in Space

Plate Tectonics  
& Rock Cycling

Natural Hazards

Earth's Resources  
& Human Impact

-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.