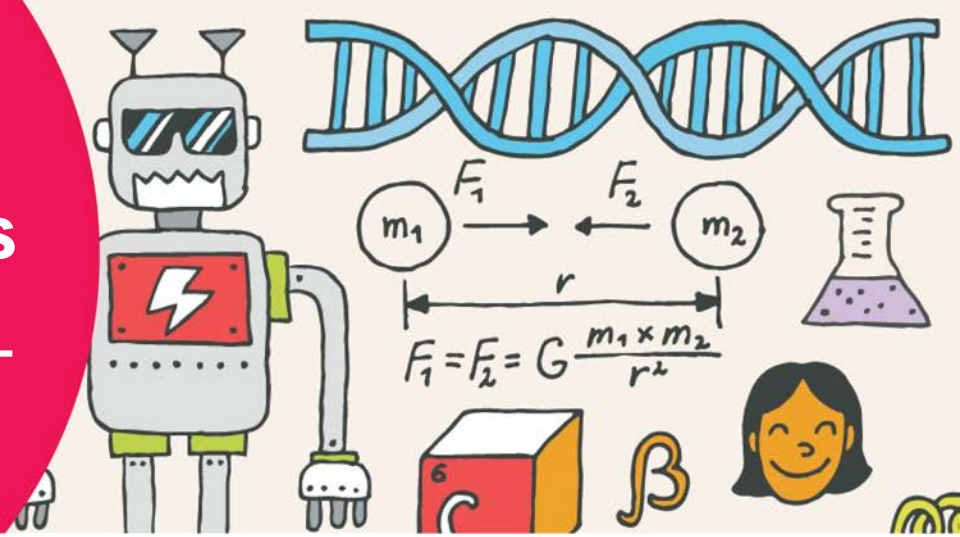


# Ocean Explorers

## Curriculum Connections - Ontario



### GRADE 6 – SCIENCE AND TECHNOLOGY

#### Understanding Life Systems: Biodiversity

2. investigate the characteristics of living things, and classify diverse organisms according to specific characteristics
  - 2.2 investigate the organisms found in a specific habitat and classify them according to a classification system
  - 2.3 use scientific inquiry/research skills to compare the characteristics of organisms within the plant or animal kingdoms
  - 2.4 use appropriate science and technology vocabulary, including *classification*, *vertebrate*, *invertebrate*, *characteristics*, and *organism*
3. demonstrate an understanding of biodiversity, its contributions to the stability of natural systems, and its benefits to humans.
  - 3.1 identify and describe the distinguishing characteristics of different groups of animals and plants and use these characteristics to further classify various kinds of plants and animals
  - 3.2 demonstrate an understanding of biodiversity as the variety of life on earth

### GRADE 7- SCIENCE AND TECHNOLOGY

#### Understanding Life Systems: Interactions in the Environment

2. investigate interactions within the environment, and identify factors that affect the balance between different components of an ecosystem;
  - 2.2 design and construct a model ecosystem and use it to investigate interactions between biotic and abiotic components in an ecosystem
  - 2.4 use appropriate science and technology vocabulary, including *sustainability*, *biotic*, *ecosystem*, and *community*
3. demonstrate an understanding of interactions between and among biotic and abiotic elements in the environment
  - 3.1 demonstrate an understanding of an ecosystem as a system of interactions between living organisms and their environment
  - 3.8 describe ways in which human activities and technologies alter balances and interactions in the environment