

## **Fifth Grade**

### **Science**

In Grade 5 Science, students will have the opportunity to:

- Recognize the traits of various invertebrates (sponges, animals with stinging cells, worms, mollusks, spiny-skinned animals, and arthropods).
- Compare body structures of the above-mentioned invertebrates.
- Identify and discuss methods of feeding and locomotion.
- Distinguish between the seven factors from the environment that plants need for growth.
- Identify the stimuli to which plants respond.
- Describe structural adaptation of various plants.

End of Quarter 1

- Explain how various biomes differ from one another (tundra, taiga, deciduous forests, rain forest, grassland, desert).
- Identify factors that determine where organisms can survive.
- Understand the plants and animals of a specific biome and adaptations that enable them to survive there.
- Define matter and recognize how substances can be classified as elements or as compounds.
- Contrast physical properties with chemical properties.
- Explain how elements are organized in the periodic table.

End of Quarter 2

- Identify the conditions that together make up the weather.
- Describe the different types of fronts and the weather conditions associated with each.
- Predict weather changes based on information about current weather conditions.
- Describe how the earth's surface changes.
- Recognize the effects of climate on weathering.
- Differentiate between physical weathering and chemical weathering.

End of Quarter 3

- Understand the term pollution.
- Define the term conservation and list ways to conserve our natural resources.
- Identify pollutants and their causes.
- Discover three functions of the skeletal system.
- Discuss risks and benefits of new medical treatment.
- Summarize ways to keep bones and muscles healthy.

End of Quarter 4