

Oakview Preparatory School

Grade 2 Science

**Long Range Lesson Plans
2023-2024**

Based On

North American Division and New York State Standards

Teacher: Ms. Joan Leslie

Textbook: Discovery Works
Supplementary Material: How Your Body Works
Enjoying God's World

Life Science

September	<u>Interactions of Living Things</u> God, the creator of living things Differences between living and nonliving things Needs of living things How plant parts help plants How living things help their habitats	Textbook Alignment: Unit A
October	<u>Interactions of Living Things Cont.</u> Where animals find shelter How body parts help animals Why animals change their habitats Causes of change in an environment Animals in a desert habitat Reasons for different habitats	Textbook Alignment: Unit A
November	<u>What Makes Me Sick</u> Germs How sneezes spread germs Various ways germs are spread The body's protective mechanisms against germs Preventing the spread of germs	Textbook Alignment: Unit E
December	Preventing sickness and injury Staying healthy God's plan for healthful living	

Physical Science

	<u>Energy and Motion</u> Movement of light Light in relation to opaque and translucent objects	Textbook Alignment: Unit B
January	<u>Energy and Motion Cont.</u> How lenses affect light Constant motion Causes of change in motion Relation of motion to sound	Textbook Alignment: Unit B

February	<u>Energy and Motion Cont.</u>	Textbook Alignment: Unit B
	Differences in sound Production of heat Conservation of heat	
	<u>Solids, Liquids, and Gases</u>	Textbook Alignment: Unit D
	Characteristics of solids	
March	Characteristics of liquids	
	Differences between the shapes of liquids and gases	
	Characteristics of gases	
	Similarities of solids, liquids, and gases	
	Effect of heat on solids	
April	Effect of heat on liquids	Textbook Alignment: Unit D
	Effect of low temperatures on gases	
	Effect of low temperatures on liquid	
	Comparison of solids, liquids, and gases	

Earth Science

	<u>Changes Over Time</u>	Textbook Alignment: Unit C
	The earth, long ago Changes to the earth caused by plants, animals, and humans	
May	Characteristics of dinosaurs	Textbook Alignment: Unit C
	Formation of fossils	
	Diet of extinct animals	
	What causes the sun to rise and set	
	God's weekly calendar	
June	<u>Changes Over Time cont.</u>	Textbook Alignment: Unit C
	Changes in the night sky	
	Changes in weather	
	Seasonal weather patterns	
Enrichment	Projects	