

**Oakview Preparatory School**

**Grade 3 Science**

**Long Range Lesson Plans**

Based On

**North American Division and New York State Standards**

**Teacher: Mrs. Judith White, M.Ed.**

**2024-2025**

**Textbook: By Design Science**  
**Supplementary Material: Discovery Works**

<b>Month</b>	<b>Topic</b>	<b>Textbook Alignment</b>
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**Life Science**

<b>September</b>	<b><u>Living Things</u></b> Living Things Kinds of Living Things Life Cycles	Chapter 1
<b>October</b>	<b><u>Plants</u></b> Structure of Plants How Plants Reproduce How Plants Make Food People in Science Careers in Science <b><u>Places to Live</u></b> Ecosystems Life in Forests Life in Dry Places Life in Wet Places How People Affect the Environment Science and Technology	Chapter 2           Chapters 3
<b>November</b>	<b><u>Your Body's Health and Safety</u></b> Factors That Affect Your Health What Causes Disease The Immune System	Chapters 4
<b>December</b>	<b><u>A Healthy Heart</u></b> Circulatory System Blood How To Keep Your Heart Healthy Science and Technology	Chapter 5
<b>January</b>	<b><u>Healthy Lungs</u></b> Factors That Affect Health Causes of Disease Immune System Science and Technology	Chapter 6

**Earth and Space Science**

<b>February</b>	<b><u>Earth's Surface</u></b>	Chapter 7
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Water and Land  
Minerals and Rocks  
Soil

**March**

**Weather and Climate**

Atmosphere  
Weather Patterns  
Factors That Affect Climate  
Science and Technology

Chapter 8

**Earth, Sun, and Moon**

Solar System  
How Earth Moves in Space  
Moon Phases

Chapter 9

**Physical Science**

**April**

**Energy**

How Energy Affects Matter  
How Thermal Energy Moves  
Sound  
Light  
Science and Technology

Chapter 10

**May/June**

**Motion and Forces**

Description of Motion  
How Forces Affect Motion  
Common Forces We Use  
Science and Technology

Chapter 11

**Enrichment**

Science Fair  
Research Reports