

Science 7 Scope & Sequence

<u>Dates</u>	<u>Main Concepts</u>	<u>Standard Alignment</u>
<u>September-October</u>	<p>Structure, Function, and Information Processing</p> <p style="text-align: center;"><u>September</u></p> <ul style="list-style-type: none"> • Cells and The Cell Theory • Prokaryotic vs. Eukaryotic <p style="text-align: center;"><u>October</u></p> <ul style="list-style-type: none"> • Organelle Structure and Function • Body Organization (Organ Systems) 	<p>MS-LS1-1</p> <p>MS-LS1-2</p> <p>MS-LS1-3</p> <p>MS-LS1-8</p>
<u>November</u>	<p>Growth, Development, and Reproduction of Organisms</p> <p style="text-align: center;"><u>November</u></p> <ul style="list-style-type: none"> • Genetics and Heredity • Traits <p style="text-align: center;"><u>December</u></p> <ul style="list-style-type: none"> • DNA • Gene Mutations 	<p>MS-LS1-4</p> <p>MS-LS1-5</p> <p>MS-LS3-1</p> <p>MS-LS3-2</p> <p>MS-LS4-5</p>
<u>January-February</u>	<p>Natural Selection and Adaptations</p> <p style="text-align: center;"><u>January-February</u></p> <ul style="list-style-type: none"> • Evolution • Natural Selection 	<p>MS-LS4-1</p> <p>MS-LS4-2</p> <p>MS-LS4-3</p> <p>MS-LS4-4</p> <p>MS-LS4-6</p>

<p>March- April</p>	<p><u>Matter and Energy in Organisms and Ecosystems</u></p> <p style="text-align: center;">March-April</p> <ul style="list-style-type: none"> • Food Chains • Food Webs • Living and Nonliving Parts of an Ecosystem 	<p>MS-LS1-6 MS-LS1-7 MS-LS2-1 MS-LS2-3 MS-LS2-4</p>
<p>May</p>	<p><u>Interdependent Relationships in Ecosystems</u></p> <p style="text-align: center;">May</p> <ul style="list-style-type: none"> • Carrying Capacity • Limiting Factors • Symbiotic Relationships • Succession • Human Impacts 	<p>MS-LS2-2 MS-LS2-5</p>