

# Science 5<sup>th</sup> Grade

# Curriculum Map

Quarter	Lesson	Standard/Skills	Resources/Technology	Assessments
Quarter 1	<p><b><u>Chap. 3 – Growth and Survival</u></b></p> <ul style="list-style-type: none"> <li>● L.1 – What are some physical structures in living things?</li> <li>● L.2 – How do adaptations help plants?</li> <li>● L.3 – How do adaptations help animals?</li> <li>● L.4 – What are the life cycles of some plants?</li> </ul> <p>*STEM Lessons/Activities will be added throughout the quarter to enhance the current lesson</p>	<p><b>NGS:</b></p> <ul style="list-style-type: none"> <li>● 5-LS1: From Molecules to Organisms: Structures and Processes</li> <li>● 5LS1.A: Structure and Function</li> <li>● 5LS1.B: Growth and Development of Organisms</li> </ul> <p><b>CCSS:</b></p> <ul style="list-style-type: none"> <li>● RI.5.1; RI.5.9; W.5.1; MP.2; MP.4; MP.5; 5.MD.A.1</li> </ul> <p><b>ILS:</b></p> <ul style="list-style-type: none"> <li>● 12.A. 2a –Describe simple life cycles of animals</li> <li>● 12.B.2b- Categorize features as either inherited or learned</li> </ul>	<ul style="list-style-type: none"> <li>● Document Camera</li> <li>● Student Chromebooks</li> <li>● Teacher made notes</li> <li>● Activity Sheets and quizzes</li> <li>● Vocabulary cards</li> <li>● Saavas Curriculum: Digital activities and Videos provided by the Curriculum</li> </ul>	<ul style="list-style-type: none"> <li>● Formative Assessment following each lesson</li> <li>● End of Chapter Summative Assessment</li> </ul>
Quarter 2	<p><b><u>Chap. 4 – Animal Adaptations</u></b></p> <ul style="list-style-type: none"> <li>● L.1 – How do plants get and use energy?</li> <li>● L.2 – How do organisms interact in ecosystems?</li> <li>● L.3 –How do ecosystems change?</li> <li>● L.4 – How do humans impact ecosystems?</li> </ul> <p>*STEM Lessons/Activities will be added throughout the quarter to enhance the current lesson</p>	<p><b>NGS:</b></p> <ul style="list-style-type: none"> <li>● 5-LS1: From Molecules to Organisms: Structures and Processes</li> <li>● 5LS1.A: Structure and Function</li> <li>● 5LS1.B: Growth and Development of Organisms</li> </ul> <p><b>CCSS:</b></p> <ul style="list-style-type: none"> <li>● RI.5.1; RI.5.9; W.5.1; MP.2; MP.4; MP.5; 5.MD.A.1</li> </ul> <p><b>ILS:</b></p> <ul style="list-style-type: none"> <li>● 12.A. 2a –Describe simple life cycles of animals</li> <li>● 12.B.2b- Categorize features as either inherited or learned</li> </ul>	<ul style="list-style-type: none"> <li>● Document Camera</li> <li>● Student Chromebooks</li> <li>● Teacher made notes</li> <li>● Activity Sheets and quizzes</li> <li>● Vocabulary cards</li> <li>● Saavas Curriculum: Digital activities and Videos provided by the Curriculum</li> </ul>	<ul style="list-style-type: none"> <li>● Formative Assessment following each lesson</li> <li>● End of Chapter Summative Assessment</li> </ul>

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Quarters 2 & 3	<p><b><u>Skills Handbook &amp; Science Fair</u></b></p> <ul style="list-style-type: none"> <li>● L.1 - What do scientists do?</li> <li>● L.2 - How do scientists investigate?</li> <li>● L.3 - How do scientists collect and interpret data?</li> <li>● L.4 - How do scientists support their conclusions?</li> </ul> <p>*STEM Lessons/Activities will be added throughout the quarter to enhance the current lesson</p>	<p><b>CCSS:</b> 5.RI.9, 5.RI.10, 5.W.2a, 5.W.2c, 5.W.2e, 5.W.7, 5.W.8, 5.W.9, 5.W.9b, 5.L.1, 5.L.2, 5.L.2e</p> <p><b>ILS:</b> 11 A. Know and apply the concepts, principles and processes of research</p>	<ul style="list-style-type: none"> <li>● Document Camera</li> <li>● Student Chromebooks</li> <li>● Teacher made notes</li> <li>● Activity Sheets and quizzes</li> <li>● Vocabulary cards</li> <li>● Saavas Curriculum: Digital activities and Videos provided by the Curriculum</li> </ul>	<ul style="list-style-type: none"> <li>● Formative Assessment following each lesson</li> <li>● End of Chapter Summative Assessment</li> <li>● Experiment Lab Formative</li> </ul>
Quarter 3	<p><b><u>Chap. 1 – Properties of Matter</u></b></p> <ul style="list-style-type: none"> <li>● L.1 - What makes up Matter?</li> <li>● L.2 - How can Matter be described?</li> <li>● L.3- What are solids, liquids, and gases?</li> <li>● L.4 - What are mixtures and Solutions?</li> <li>● L.5 - How does Matter change?</li> </ul> <p>*STEM Lessons/Activities will be added throughout the quarter to enhance the current lesson</p>	<p><b>NGS:</b></p> <ul style="list-style-type: none"> <li>● 5-PS1: Matter and Its Interactions</li> <li>● PS1.A: Structure and Properties of Matter</li> <li>● PS1.B: Chemical Reactions</li> </ul> <p><b>CCSS:</b> RI.5.7; W.5.7; W.5.8; 5.NBT; 5.NF; 5.MD</p> <p><b>ILS:</b> 12 C Know and apply concepts that describe properties of matter and energy and the interactions between them.</p>	<ul style="list-style-type: none"> <li>● Document Camera</li> <li>● Student Chromebooks</li> <li>● Teacher made notes</li> <li>● Activity Sheets and quizzes</li> <li>● Vocabulary cards</li> <li>● Saavas Curriculum: Digital activities and Videos provided by the Curriculum</li> </ul>	<ul style="list-style-type: none"> <li>● Formative Assessment following each lesson</li> <li>● End of Chapter Summative Assessment</li> </ul>

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Quarter 4	<p><b><u>Chapter 2 – Forces and Motion</u></b></p> <ul style="list-style-type: none"> <li>● L.1- What are forces?</li> <li>● L.2- What are Newton's laws?</li> <li>● L.3- How are forces combined?</li> <li>● L.4- How are shadows formed?</li> </ul> <p>*STEM Lessons/Activities will be added throughout the quarter to enhance the current lesson</p>	<p><b><u>NGS:</u></b></p> <ul style="list-style-type: none"> <li>● 5-PS2: Motion and Stability</li> <li>● PS2.A: Forces and Motion</li> <li>● PS2.B: Types of Interactions</li> </ul> <p><b><u>CCSS:</u></b> RI.5.1; RI.5.9; W.5.1</p> <p><b><u>ILS:</u></b> 12 C Know and apply concepts that describe properties of matter and energy and the interactions between them.</p>	<ul style="list-style-type: none"> <li>● Document Camera</li> <li>● Student Chromebooks</li> <li>● Teacher made notes</li> <li>● Activity Sheets and quizzes</li> <li>● Vocabulary cards</li> <li>● Saavas Curriculum: Digital activities and Videos provided by the Curriculum</li> </ul>	<ul style="list-style-type: none"> <li>● Formative Assessment following each lesson</li> <li>● End of Chapter Summative Assessment</li> <li>● Experiment Lab Formative</li> </ul>
Quarter 4	<p><b><u>Chapter 6 – Space</u></b></p> <ul style="list-style-type: none"> <li>● L.1 – How does the Earth move?</li> <li>● L.2 – What is a star?</li> <li>● L.3 – What are the inner planets?</li> <li>● L.4 – What are the outer planets?</li> <li>● L.5 – What are asteroids, meteors, comets, and moons?</li> </ul> <p>*STEM Lessons/Activities will be added throughout the quarter to enhance the current lesson</p>	<p><b><u>NGS</u></b></p> <ul style="list-style-type: none"> <li>● 5-ESS1-1.</li> <li>● 5-ESS1-2.</li> </ul> <p><b><u>CCSS:</u></b> ELA/Literacy – RI.5.1 (5-ESS1-1) RI.5.7 (5-ESS1-1) RI.5.8 (5-ESS1-1) RI.5.9 (5-ESS1-1) W.5.1 (5-ESS1-1) SL.5.5 (5- ESS1-2) Mathematics – MP.2 (5-ESS1-1),(5-ESS1-2) MP.4 Model with mathematics. (5-ESS1-1),(5-ESS1-2) 5.NBT.A.2 (5-ESS1-1) 5.G.A.2 (5-ESS1-2)</p>	<ul style="list-style-type: none"> <li>● Document Camera</li> <li>● Student Chromebooks</li> <li>● Teacher made notes</li> <li>● Activity Sheets and quizzes</li> <li>● Vocabulary cards</li> <li>● Saavas Curriculum: Digital activities and Videos provided by the Curriculum</li> </ul>	<ul style="list-style-type: none"> <li>● Formative Assessment following each lesson</li> <li>● End of Chapter Summative Assessment</li> <li>● Experiment Lab Formative</li> </ul>