

## 8th Grade Weekly Curriculum Map

Teachers, this map is based upon the SC Elevate Science textbook by SAVVAS. We adopted this textbook in 2021 to align with the 2021 SC College and Career Ready Science Standards. Please adhere to this weekly map as best you can. Monitor and adjust as needed within the outlined weeks. If there is content that you are unfamiliar with, please be advised that you should read ahead in order to be prepared to engage your students.



Week	DCI	Topic/ Standards	Content based on the SC Elevate Science textbook by SAVVAS		
1			Lab Safety Opening <a href="#">Lessons</a>		
2			Setup Science Notebooks (virtual or paper) Meaning of Science, Scientific Attitudes, Scientific Reasoning, Theories and Laws (text p. 420-431) Claims-Evidence-Reasoning		
3			Lesson 1 Patterns of Inheritance Lab: All in the Numbers p. 34		
4			Lesson 2 Chromosomes and Inheritance Lab: Make the Right Call p. 42		
5	Heredity: Inheritance and variation of traits (LS3)	<b>Topic 2</b> 8-LS3-1 8-LS3-2 8-LS4-4 8-LS4-5	Lesson 3 Genetic Coding and Protein Synthesis <a href="#">Lab: Extraction in Action p. 40</a>		
6			Lesson 4 Trait Variation		
7			Lesson 5 Genetic Technologies Lab: Gizmos: GMOs and the Environment		
8			Wrap Up, Review, Project Presentations		
9			Q1 Benchmark Test		
10					Lesson 1 Patterns of Reproduction
11			From Molecules to Organisms (LS1)	<b>Topic 1</b> 8-LS1-4 8-LS1-5 8-LS3-2	Lesson 2 Plant Structures for Reproduction
12	Lesson 3 Animal Behaviors for Reproduction				
13	Lesson 4 Factors Influencing Growth				
14					Lesson 1 Early Study of Evolution
15	Biological Evolution: Unity and Diversity (LS4)	<b>Topic 3</b> 8-LS3-1 8-LS4-1 8-LS4-2 8-LS4-4 8-LS4-5 8-LS4-6	Lesson 2 Natural Selection		
16			Lesson 3 The Process of Evolution		
17			Lesson 4 Evidence in the Fossil Record Lesson 5 Other Evidence of Evolution		
18			Wrap Up, Review, Science Fair   Q2 Benchmark Test		
19					Lesson 1 Describing Motion and Force Lesson 2 Speed, Velocity, and Acceleration
20	Phy. Sci. Forces and Inter- actions (PS2)	<b>Topic 4</b> 8-PS2-1 8-PS2-2 8-PS2-4	SPRING BREAK		
21			Lesson 3 Newton's Laws of Motion		
22			Lesson 4 Friction and Gravitational Interactions		
23			Wrap Up, Review, Assess		
24		<b>Topic 5</b> 8-PS2-3 8-PS2-5	Lesson 1 Electric Force Lesson 2 Magnetic Force		
25			Lesson 3 Electromagnetic Force		
26			Lesson 4 Electric and Magnetic Interactions		
27			Q3 Benchmark Test		
28	Waves & Their Appli- cation in Technology and Info Transfer (PS4)	<b>Topic 6</b> 8-PS4-1 8-PS4-3	Lesson 1 Electric Circuits		
29			Lesson 2 Wave Energy		
30			Lesson 3 Signals Lesson 4 Communication and Technology		
31	Earth's Place in the Universe (ESS1)	<b>Topic 7</b> 8-ESS1-1 8-PS2-4	Lesson 1 Movement in Space Lesson 2 Earth's Movement in Space		
32			Lesson 3 Phases and Eclipses		
33			Lesson 1 Solar System Objects		
34	Phy. Sci. Forces and Inter- actions (PS2)	<b>Topic 8</b> 8-ESS1-2 8-ESS1-3 8-PS2-4	Lesson 2 Learning About the Universe Lesson 3 Stars and Galaxies		
35			Wrap Up, Review		
36			Final Assessment		