

Grade 3 Curriculum Map					
Earth & Space Science: Rocks and Minerals - Carolina					
Key concepts	Standards	Assessments	Content	Skills	Lessons
Students will understand ...		Students will demonstrate their learning by	Students will know ...	Students will be able to ...	
	S.3.D.1.1: Describe various materials that make up Earth. S.3.D.1.1.1: Recognize that rock is composed of different kinds of minerals.	*Record Sheet *Notebook entries *Discussion *Teacher Observation *Mineral Profile Sheets	of rocks and minerals.	*identify the properties of rocks and minerals.	Lessons 1-16
		*Sorting *Notebook entries *Discussion *Teacher Observation *Mineral Profile Sheets		*classify rocks and minerals based on properties.	Lessons 2 - 16
		*Teacher observation *Notebook entries *Discussion *Teacher Observation *Mineral Profile Sheets		*compare and contrast rocks and minerals.	Lesson 4 Lesson 16

	<p>S.3.D.1.2: Identify and describe the types of Earth's natural resources.</p> <p>S4.D.1.2.2: Identify the types and uses of Earth materials for renewable, nonrenewable, and reusable products (e.g., human-made products: concrete, paper, plastics, metal, fabrics, buildings, highways).</p>	<ul style="list-style-type: none"> *Record Sheet *Notebook entries *Discussion *Teacher Observation *Mineral Profile Sheets 	<p>the composition, properties and uses</p>	<p>*identify ways that Earth's materials are used as building materials.</p>	<p>Lessons 7 - 10 Lesson 16</p>
		<ul style="list-style-type: none"> *Teacher observation *Demonstration *Notebook entries *Discussion 		<p>*identify and sort materials that are transparent, translucent, or opaque.</p>	<p>Rocks and Minerals Lesson 8</p>

Physical Science: Physics of Sound - FOSS

Key concepts	Standards	Assessments	Content	Skills	Lessons
Students will understand ...		Students will demonstrate their learning by ...	Students will know ...	Students will be able to ...	

the behavior of light and sound.	S.3.C.2.1.3 3.2.4.B5: Demonstrate how vibrating objects make sound and sound can make things vibrate.	*Teacher observation *Student sheets *Discussion	the behavior of sound	*identify the properties of sounds.	Investigation 1
	S3.2.7.B5: Describe how sound and light energy are transmitted by waves.	*Teacher observation *Student sheets *Discussion		*understand that sound travels in waves.	Investigation 3 Investigation 4
	S3.C.2.1.3: Identify characteristics of sound (i.e., pitch, and loudness).	*Teacher observation *Demonstration *Student sheets *Discussion		*identify characteristics of pitch and volume.	Investigation 2 Investigation 4
	S.4C.2.1.4: Identify characteristics of sound (e.g., pitch, loudness, echoes).	*Teacher observation *Demonstration *Student sheets *Discussion		*identify that sound needs a medium to travel.	Investigation 3 Investigation 4

	S3.2.7.B5: Demonstrate that visible light is a mixture of many different colors.	*Teacher observation *Demonstration *Notebook entries *Discussion	the behavior of light.	*demonstrate that a prism separates white light into the different colors of the visible spectrum.	
	3.2.4.B5: Demonstrate how light can be reflected, refracted or absorbed by an object.	*Teacher observation *Demonstration *Notebook entries *Discussion		*know the characteristics of light include reflection, absorption and refraction.	

Life Science: Plant Growth & Development - Carolina

Key concepts	Standards	Assessments	Content	Skills	Lessons
Students will understand that ...		Students will demonstrate their learning by ...	Students will know ...	Students will be able to ...	
n a specific environment.	S.3.B.1.1.1: Identify and describe the functions of basic animals and plants.	*Observation *Activity Sheet *Notebook entries *Discussion *Performance task	on of parts of plants.	*examine and identify structures of select plant specimens.	Lessons 4 - 7 Lesson 10 Lesson 12 Lesson 13 Lesson 16
	S.3.B.1.1: Identify and describe the similarities and differences of living things and their life processes.	*Observation *Notebook entries *Discussion *Performance task *Scientific drawing		*explain how the structure of various plant parts corresponds to their function.	Lessons 1 - 7 Lesson 10 Lesson 12 Lesson 16

all living things have structures with specific functions that work together to help the organism function in

<p>S.3.B.2.1.2: Identify and describe plant and animal characteristics that are necessary for survival.</p> <p>S.3.B.2.1.3: Identify characteristics for plant and animal survival in different environments.</p>	<ul style="list-style-type: none"> *Observation *Activity Sheet *Notebook entries *Discussion 	<p>the structure and function of</p>	<p>*explain how different parts of a plant work together to permit the plant to survive in a specific environment.</p>	<p>Lessons 5 - 7 Lesson 11</p>
<p>S.4.B.1.1.2: Compare similar functions of external characteristics of organisms(e.g., anatomical characteristics: appendages, type of covering,</p>	<ul style="list-style-type: none"> *Observation *Notebook entries *Discussion *Scientific drawing *Performance task *Graphing activity 	<p>structure and function of body parts of animals.</p>	<p>*examine and identify external structures of various animals.</p>	<p>Lesson 8 Lesson 9 Lesson 14 Lesson 15</p>
<p>S.3.B.2.1: Identify and describe characteristics of plants and animals that help with their survival.</p>	<ul style="list-style-type: none"> *Observation *Graph *Notebook entries *Discussion 	<p>structure and function of parts of plants and animals.</p>	<p>*explain how the characteristics of those structures correspond to their function.</p>	<p>Lesson 8 Lesson 9</p>

	S.3.B.2.1.2 S.3.B.2.1.3	*Observation *Black line master *Notebook entries *Discussion	the struct	*explain how different external structures of an animal work together to permit the animal to survive in a specific environment.	Lesson 8 Lesson 9 Lesson 11
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