



## Month: July Week: 2 Subject: Science

Day 1	Topic(s)	Foundation(s)
	Theme: Tropical Treasures Number: 20 Letter: Ss Color: Lavender Shape: Triangle	<b>SC1.1</b> Demonstrate ability to explore objects in the physical world <b>SC1.2</b> Demonstrate awareness of the physical properties of objects
Indicators	Younger Preschool	Older Preschool
	May describe how the shell feels (e.g., smooth, rough).	May compare shells and describe how water changes their look or feel.

### Activity: **Shell Cleaning Station**

Set up a washing bin with water, brushes, and real or plastic shells. Encourage children to scrub and rinse the shells, observing how they change when wet. Talk about texture, color, and size while they clean. This sensory activity introduces physical science concepts through exploration.

Resources/Materials <ul style="list-style-type: none"> <li>• Variety of shells</li> <li>• Shallow water bins</li> <li>• Toothbrushes or soft brushes</li> </ul>	Key Vocabulary: clean, smooth, wet	Support:
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## Month: July Week: 2 Subject: Science

<b>Day 2</b>	<b>Topic(s)</b>		<b>Foundation(s)</b>	
	Theme: Tropical Treasures Number: 20 Letter: Ss Color: Lavender Shape: Triangle		<b>SC1.2</b> Demonstrate awareness of the physical properties of objects <b>SC5.1</b> Demonstrate scientific curiosity	
<b>Indicators</b>	<b>Younger Preschool</b>		<b>Older Preschool</b>	
	May scoop, pour, or sift sand and water.		May compare materials (wet sand vs. dry sand) or ask questions.	

### Activity: **Beach Sensory Bin Exploration**

Create a sensory bin filled with sand, shells, and small toys. Let children explore textures, weights, and behaviors of each object. Prompt discussion with questions like, “What happens when we add water?” or “How does this feel in your hand?” Encourage scientific observation and curiosity.

<b>Resources/Materials</b> <ul style="list-style-type: none"> <li>Sand bin with beach items</li> <li>Measuring cups, sifters, funnels</li> </ul>	<b>Key Vocabulary:</b> scoop, pour, gritty	<b>Support:</b>
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## Month: July Week: 2 Subject: Science

<b>Day 3</b>	<b>Topic(s)</b>		<b>Foundation(s)</b>	
	Theme: Tropical Treasures Number: 20 Letter: Ss Color: Lavender Shape: Triangle		<b>SC1.1</b> Demonstrate ability to explore objects in the physical world <b>SC5.1</b> Demonstrate scientific curiosity	
<b>Indicators</b>	<b>Younger Preschool</b>		<b>Older Preschool</b>	
	May drop objects into water and watch what happens.		May predict and explain whether an item will float or sink.	

### Activity: **Floating vs. Sinking**

Gather a set of beach-related items (toy boat, shell, rock, sponge) and test them in water. Let children guess whether each item will float or sink, then test it. Talk about why some things float and others don't. This experiment supports early hypothesis and testing skills.

<b>Resources/Materials</b> <ul style="list-style-type: none"> <li>• Clear water tub</li> <li>• Small objects to test</li> <li>• Chart for float/sink predictions</li> </ul>	<b>Key Vocabulary:</b> float, sink, guess	<b>Support:</b>
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## Month: July Week: 2 Subject: Science

Day 4	<b>Topic(s)</b>		<b>Foundation(s)</b>		
	Theme: Tropical Treasures Number: 20 Letter: Ss Color: Lavender Shape: Triangle		SC3.1 Demonstrate awareness of life SC3.2 Demonstrate awareness of the preservation, protection, and care of living creatures and plants		
Indicators					
	<b>Younger Preschool</b>		<b>Older Preschool</b>		
	May identify or point to ocean animals.		May group animals by where they live or what they eat.		
Activity: <b>Ocean Animal Sorting</b>					
Use animal figures or picture cards to introduce ocean creatures (fish, turtle, crab). Invite children to sort by type, size, or how they move. Discuss caring for ocean life and keeping the beach clean. This encourages both life science awareness and responsible environmental thinking.					
Resources/Materials <ul style="list-style-type: none"><li>Ocean animal toys or images</li></ul>		Key Vocabulary: ocean, animal, sort		Support:	



## Month: July Week: 2 Subject: Science

<b>Day 5</b>	<b>Topic(s)</b>	<b>Foundation(s)</b>
	Theme: Tropical Treasures Number: 20 Letter: Ss Color: Lavender Shape: Triangle	<b>SC1.2</b> Demonstrate awareness of the physical properties of objects <b>SC4.1</b> Demonstrate engineering design skills
<b>Indicators</b>	<b>Younger Preschool</b>	<b>Older Preschool</b>
	May press objects into dough and notice shapes.	May use tools to design and compare impressions.

### Activity: **Playdough Sand & Shell Imprints**

Provide tan-colored playdough and various shells for children to press into the surface. Ask them to describe the marks made and how different shells leave different prints. Older preschoolers can create patterns or designs using tools. This blends sensory exploration with simple design thinking.

Resources/Materials <ul style="list-style-type: none"> <li>• Playdough (sand-colored if possible)</li> <li>• Shells and small tools (rollers, sticks)</li> </ul>	Key Vocabulary: press, shape, imprint	Support:
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