



## Month: August Week: 3 Subject: Science

Day 1	Topic(s)	Foundation(s)
	Theme: We're Going to the Fair Number: 3 Letter: Vv Color: Gold Shape: Oval	<b>SC1.1</b> Demonstrate ability to explore objects in the physical world <b>SC5.1</b> Demonstrate scientific curiosity
Indicators	<b>Younger Preschool</b>  May watch tops spin and respond with gestures or single words.	<b>Older Preschool</b>  May describe how the tops move and compare which spins longer.

### Activity: Spin & Motion Exploration with Tops

Provide a variety of spinning tops and let children explore how they move. Encourage them to notice speed, direction, and how long each top spins. Model vocabulary like “fast,” “slow,” and “stop.” Allow children to compare two tops and decide which one spins the longest, introducing basic observation and comparison skills.

**Older Preschool Challenge:** Time two tops and record which spins longer; discuss why they think one lasted longer.

Resources/Materials	Key Vocabulary: spin, fast, slow	Support:
<ul style="list-style-type: none"><li>• Spinning tops in different shapes and sizes</li><li>• Stopwatch or timer (optional)</li></ul>		

**Month: August Week: 3 Subject: Science**

Day 2	Topic(s)	Foundation(s)
	Theme: We're Going to the Fair Number: 3 Letter: Vv Color: Gold Shape: Oval	<b>SC1.2</b> Demonstrate awareness of the physical properties of objects <b>SC5.1</b> Demonstrate scientific curiosity
Indicators	Younger Preschool	Older Preschool
	May identify or name colors being mixed.	May predict what color will be made before mixing.

**Activity: Color Mixing with Cotton Candy Paint**

Provide pastel paints and cotton balls to represent “cotton candy.” Let children dip cotton balls into two colors and mix them on paper. Discuss what new color appears and connect the activity to fair treats. Encourage children to try different color combinations and share their results.

**Older Preschool Challenge:** Create three different mixed colors and name each one creatively (e.g., “Lemon Swirl”).

Resources/Materials	Key Vocabulary: mix, color, change	Support:
<ul style="list-style-type: none"><li>• Cotton balls</li><li>• Paint in various colors</li><li>• Paper and paint trays</li></ul>		



## Month: August Week: 3 Subject: Science

Day 3	Topic(s)	Foundation(s)
	Theme: We're Going to the Fair Number: 3 Letter: Vv Color: Gold Shape: Oval	<b>SC1.2</b> Demonstrate awareness of the physical properties of objects <b>SC3.1</b> Demonstrate awareness of life
Indicators	<b>Younger Preschool</b>  May help stir and taste lemonade.	<b>Older Preschool</b>  May describe the process and explain why lemonade is refreshing.

### Activity: Make Lemonade

#### Discuss Why Lemonade Shakes Are Popular at the Fair

Guide children in making lemonade by squeezing lemons, adding water, and stirring in sugar. Talk about how the taste is sweet and sour and how cold drinks help people feel refreshed at the fair. Discuss how lemons grow and why fresh drinks are sold at outdoor events.

**Older Preschool Challenge:** Sequence the steps of making lemonade and draw a quick picture of each step.

Resources/Materials	Key Vocabulary: sour, sweet, refresh	Support:  <a href="#">Homemade Lemonade Recipe with F...</a>
<ul style="list-style-type: none"><li>• Lemons, sugar, water</li><li>• Pitcher, cups, spoon</li><li>• Small hand juicer</li></ul>		



## Month: August Week: 3 Subject: Science

Day 4	Topic(s)	Foundation(s)				
	Theme: We're Going to the Fair Number: 3 Letter: Vv Color: Gold Shape: Oval	<b>SC3.1</b> Demonstrate awareness of life <b>SC3.2</b> Demonstrate awareness of the preservation, protection, and care of living creatures and plants				
Indicators	<table border="1"><thead><tr><th>Younger Preschool</th><th>Older Preschool</th></tr></thead><tbody><tr><td>May identify animals in pictures.</td><td>May describe what animals need to stay healthy.</td></tr></tbody></table>	Younger Preschool	Older Preschool	May identify animals in pictures.	May describe what animals need to stay healthy.	
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May identify animals in pictures.	May describe what animals need to stay healthy.					

### Activity: Fair Animal Facts (Petting Zoo)

Show pictures of common petting zoo animals such as goats, rabbits, and ponies. Discuss what each animal eats, where it lives, and how to care for it. Encourage children to share if they've seen these animals before and describe their experiences.

**Older Preschool Challenge:** Match each animal to its correct food using picture cards.

Resources/Materials	Key Vocabulary: care, animal, food	Support:
<ul style="list-style-type: none"><li>Animal photo cards or books</li><li>Chart paper for listing facts</li><li>Stuffed animals (optional)</li></ul>		



## Month: August Week: 3 Subject: Science

Day 5	Topic(s)	Foundation(s)
	Theme: We're Going to the Fair Number: 3 Letter: Vv Color: Gold Shape: Oval	<b>SC1.1</b> Demonstrate ability to explore objects in the physical world <b>SC5.1</b> Demonstrate scientific curiosity
Indicators	Younger Preschool	Older Preschool
	May choose an object to roll and watch what happens.	May make a prediction and compare results.

### Activity: Predict & Test: Which Object Rolls Fastest?

Provide balls, cars, and cylinders. Ask children to predict which will roll the fastest down a ramp. Test each object and discuss the results. Record predictions and outcomes to reinforce observation and comparison.

**Older Preschool Challenge:** Arrange objects from fastest to slowest and explain why they think speed differed.

Resources/Materials	Key Vocabulary: roll, fast, slow	Support:
<ul style="list-style-type: none"><li>• Ramp (wood board or cardboard)</li><li>• Variety of rolling objects</li><li>• Chart for predictions/results</li></ul>		