

Day 1

Topic(s)

Foundation(s)


- Theme: Fruit
- Shape: Octagon
- Number: 8
- Color: Purple
- Letter: Bb

SC1.2

Demonstrate awareness of the physical properties of objects

Indicators

Young Toddler (1s)	Older Toddler (2s)	Younger Preschool (3s)	Older Preschool (4s)
<p>Begin to identify physical attributes of objects</p> <p>Imitate the actions of others as they explore objects</p> <p>Copy patterns and rhythms with objects</p>	<p>Describe physical properties using simple words</p>	<p>Identify materials that make up objects</p>	
		<p>Investigate and describe observable properties of objects</p> <p>Match objects by physical attributes</p>	<p>Use evidence from investigations to describe observable properties of objects</p> <p>Sort objects into categories based on physical attributes and explain reasoning</p>

Activities		
<p>Did you know that there is a difference between fruits and vegetables?</p> <p>Let's take a look at this video to find out what those differences might be!</p> <p> What's the Difference Between Fruits and Vegetables?</p> <p>Review the facts of the video with the class on large chart paper. Make a vegetable side and a fruit side.</p>		
Resources and Materials		
<p>Technology (computer, speakers, and display)</p> <p>Chart paper</p> <p>Markers</p>		
Topic Related Language / Key Vocabulary	Supports	
<p>Fruit</p> <p>Vegetable</p> <p>Flower</p>	<p>Teacher will help as necessary.</p>	

Day 2

Topic(s)

Foundation(s)

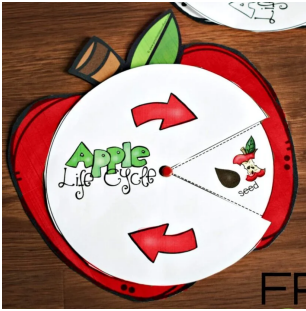
- Theme: Fruit
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SC3.1
Demonstrate awareness of life

Indicators

Young Toddler (1s)	Older Toddler (2s)	Younger Preschool (3s)	Older Preschool (4s)
Demonstrate interest in and interact with plants, animals, and people	Name characteristics of living organisms	Compare attributes of living organisms	Differentiate animals from plants Discriminate between living organisms and non-living objects Ask questions and conduct investigations to understand life science

Activities



Remind students that an apple is a fruit. We will be walking through the life cycle of an apple.

1. Show students the model.
2. Talk through the life cycle of an apple.
3. Guide students on which part of the template to color.
4. Teacher will out the pin through the paper, and model how to turn the spinner

Resources and Materials

Life Cycle of an Apple Template

Spin Pins

Crayons

Markers

Topic Related Language / Key Vocabulary

Life Cycle
Growth

Supports

Teacher will help as necessary.

Day 3

Topic(s)

Foundation(s)

- Theme: Fruit
- Shape: Octagon
- Number: 8
- Color: Purple
- Letter: Bb

SC3.1
Demonstrate scientific curiosity

Indicators

Young Toddler (1s)	Older Toddler (2s)	Younger Preschool (3s)	Older Preschool (4s)
<p>Demonstrate curiosity</p> <p>Actively explore the environment</p> <p>Solve problems using trial and error</p>	<p>Demonstrate curiosity and ask for more information</p> <p>Use tools to explore the environment</p>	<p>Observe with a focus on details</p> <p>Use simple tools to extend investigations</p> <p>Identify self and/or own actions as scientific</p>	<p>Discuss ways that people can affect the environment in positive and negative ways</p> <p>Independently use simple tools to conduct an investigation to increase understanding</p> <p>Engage in a scientific experiment with peers</p> <p>Communicate results of an investigation</p>

Activities

In this section you will use the scientific method poster to prepare your students for tomorrow project.

1. Start with the question... What is science?
2. Let's talk about the scientific method and the process of experiments. This video will teach us all about it.
[▶ Episode Ten: What are the steps of the scientific method?](#)
3. Use the posters to reinforce the steps of the scientific method. Use real world examples and encourage the students to ask questions about the world around them.

Resources and Materials

Technology (computer, display, speakers)
Scientific Method Posters

Topic Related Language / Key Vocabulary

Scientific Method
Observation
Hypothesis
Questions
Results
Scientist

Supports

Teacher will help as necessary.

Day 4

Topic(s)	Foundation(s)
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<ul style="list-style-type: none"> ● Theme: Fruit ● Shape: Octagon ● Number: 8 ● Color: Purple ● Letter: Bb 	SC3.1 Demonstrate awareness of life
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Indicators

Young Toddler (1s)	Older Toddler (2s)	Younger Preschool (3s)	Older Preschool (4s)
Demonstrate curiosity Actively explore the environment Solve problems using trial and error	Demonstrate curiosity and ask for more information Use tools to explore the environment	Observe with a focus on details Use simple tools to extend investigations Identify self and/or own actions as scientific	Discuss ways that people can affect the environment in positive and negative ways Independently use simple tool to conduct an investigation to increase understanding Engage in a scientific experiment with peers Communicate results of an investigation

Activities

You will be conducting two different experiments today.

Experiment 1: How do liquids affect apples?

(Some of the apples will turn brown because of oxidation, some liquids will remove the oxygen)

You will need to cut up several different apples and place them into each of the 5 containers.

Then pour and label one liquid over the apples into each of the containers. Tell students that we will leave the apples in the liquid and see if the change when we check back later.

Leave for a few hours, observe and record data.

Experiment 2: Do apples sink or float?

(The apples will float because they are 25% air)

Fill up a bin with water.

Place a red apple in the water and place a green apple in the water.

Observe and record data.

Resources and Materials

Scientific Method Posters Regular water
Small Container Vinegar
Lemon Water
Tonic Water
Soda

Topic Related Language / Key Vocabulary

Scientific Method
Observation
Hypothesis
Questions
Results

Scientist
Float/ Buoyancy
Oxygen
Oxidize

Supports

Teacher will help as necessary.