



Month: October Week: 1 Subject: Science

Day 1	Topic(s)		Foundation(s)	
	Theme: Pumpkin Palooza Number: 10 Letter: Dd Color: Orange Shape: Circle		SC1.1 Demonstrate ability to explore objects in the physical world SC5.1 Demonstrate scientific curiosity	
Indicators	Younger Preschool		Older Preschool	
	May touch and feel pumpkin seeds and pulp with teacher support.		May describe textures, count seeds, and talk about how the inside is different from the outside.	
Activity: Explore Inside a Pumpkin				
Teachers will cut open a pumpkin and invite children to explore what’s inside. Students will use their senses to touch, smell, and look closely at the pulp and seeds. Teachers will guide children in describing what they notice using words like slimy, smooth, hard, or soft. Younger children may simply enjoy touching and scooping, while older preschoolers will be encouraged to compare inside and outside textures and count seeds.				
Resources/Materials <ul style="list-style-type: none">Large pumpkin cut openSpoons, scoops, and trays		Key Vocabulary: pumpkin, seed, pulp, slimy		Support:



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Day 2	Topic(s)	Foundation(s)
	Theme: Pumpkin Palooza Number: 10 Letter: Dd Color: Orange Shape: Circle	SC3.1 Demonstrate awareness of life SC5.1 Demonstrate scientific curiosity
Indicators	Younger Preschool	Older Preschool
	May point to pictures of pumpkins and say simple words like seed, vine, or pumpkin.	May retell the life cycle steps in sequence using pictures or words.

Activity: **Pumpkin Life Cycle Video & Book**

Children will watch a short video showing how a pumpkin grows from a seed to a full fruit. Afterward, teachers will guide a discussion about the life cycle steps: seed, sprout, vine, flower, and pumpkin. The class will then create their own “Pumpkin Life Cycle Book.” Each child will receive pages to illustrate one stage of the cycle, which will later be assembled into a small book. Younger children may draw or color with assistance, while older preschoolers can add details and labels.

Resources/Materials <ul style="list-style-type: none"> Short pumpkin life cycle video Pre-made booklet pages for each cycle stage 	Key Vocabulary: seed, sprout, vine, flower, pumpkin	Support: <div data-bbox="889 1289 1105 1640"> </div> <div data-bbox="894 1646 1398 1682"> The Life Cycle of a Pumpkin for Kid... </div>
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Day 3	Topic(s)	Foundation(s)
	Theme: Pumpkin Palooza Number: 10 Letter: Dd Color: Orange Shape: Circle	SC2.1 Recognize seasonal and weather-related changes SC5.1 Demonstrate scientific curiosity
Indicators	Younger Preschool	Older Preschool
	May identify different leaf colors when shown examples.	May explain that leaves change color because the season is changing.

Activity: Why Do Leaves Change Color?

Teachers will show a short video or picture slideshow about leaves changing color in the fall. Children will observe leaves of different colors and discuss what they see. Teachers will ask open-ended questions like “What colors do you see?” and “When do we see leaves fall from trees?” The class will connect the change to the season of autumn and discuss how trees prepare for winter. Older preschoolers may practice sequencing the changes from green leaves to colorful leaves to bare trees.

Resources/Materials <ul style="list-style-type: none"> • Video or slideshow about leaf color changes • Real leaves in different colors 	Key Vocabulary: leaf, color, change, fall	Support: ▶ Why Do Leaves Change Colors in the...
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Month: October Week: 1 Subject: Science

Day 4	Topic(s)		Foundation(s)	
	Theme: Pumpkin Palooza Number: 10 Letter: Dd Color: Orange Shape: Circle		SC1.2 Demonstrate awareness of the physical properties of objects SC5.1 Demonstrate scientific curiosity	
Indicators	Younger Preschool		Older Preschool	
	May point to or choose which items they think will sink or float.		May explain their predictions and compare results across different fall items.	

Activity: Sink or Float? Fall Edition

Children will test a variety of fall-themed items to see if they sink or float in water. Items will include a real pumpkin, a fake pumpkin toy, squash, a leaf, a pinecone, an acorn, and an apple slice. Before testing, children will predict the results by voting or using sink/float cards. Each item will be placed in the water, and students will observe what happens. Teachers will encourage comparisons: “Why do you think the pumpkin floats but the apple slice sinks?” Younger preschoolers may simply watch and name the outcome, while older preschoolers can compare across items and discuss differences in weight, shape, and material.

Resources/Materials <ul style="list-style-type: none"> Real pumpkin (small), fake pumpkin toy, squash, leaf, pinecone, acorn, apple slice Sink & float predictions 	Key Vocabulary: sink, float, heavy, light	Support:  <p>Fall Sink or Float Science <small>from Little Bins for Little Hands at B-InspiredMama.com</small></p>
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Month: October Week: 1 Subject: Science

Day 5	Topic(s)		Foundation(s)	
	Theme: Pumpkin Palooza Number: 10 Letter: Dd Color: Orange Shape: Circle		SC3.1 Demonstrate awareness of life SC6.1 Demonstrate decomposition of larger tasks into smaller steps	
Indicators	Younger Preschool		Older Preschool	
	May sort collected leaves by size or color.		May compare leaves and describe attributes such as shape, size, and color.	
Activity: Nature Review with Leaves				
Children will use the leaves collected during Thursday’s exploration walk. Teachers will invite students to observe and compare the leaves using magnifying glasses. Students will discuss the colors, sizes, and textures of the leaves. Younger children may group leaves into piles (big vs. small, red vs. yellow), while older preschoolers may describe differences more specifically and compare leaves to classroom charts or books.				
Resources/Materials <ul style="list-style-type: none">Leaves collected from the exploration walkMagnifying glasses		Key Vocabulary: leaf, compare, color, size, shape, texture		Support: