



Month: October Week: 4 Subject: Science

Day 1	Topic(s)	Foundation(s)
	Theme: Plants Number: 13 Letter: Gg Color: Red Shape: Oval	SC1.1 Demonstrate ability to explore objects in the physical world SC3.1 Demonstrate awareness of life
Indicators		
	Younger Infants	Older Infants
	May look at, reach for, or touch natural objects when presented.	May explore textures or show a preference for specific natural objects.

Activity: Nature Basket Exploration

Provide a low basket filled with safe, natural items such as smooth leaves, pinecones, sticks, and seed pods. Encourage infants to touch, smell, and explore each item while you describe the texture and temperature (“This leaf is soft,” “The pinecone is rough”). Allow plenty of time for sensory discovery, supporting early observation skills and curiosity about the natural world.

Resources/Materials <ul style="list-style-type: none"> Basket or shallow bin Real leaves, pinecones 	Key Vocabulary: leaf, soft, rough	Support:
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Day 2	Topic(s)		Foundation(s)	
	Theme: Plants Number: 13 Letter: Gg Color: Red Shape: Oval		SC1.1 Demonstrate ability to explore objects in the physical world SC5.1 Demonstrate scientific curiosity	
Indicators	Younger Infants		Older Infants	
	May watch bubbles float and move through the air.		May reach for, pop, or track bubbles with their eyes.	
Activity: Bubble Play Blow bubbles slowly near infants during floor or tummy time. Talk about what’s happening, “Look, up goes a bubble!” and encourage them to reach, track, and pop them gently. Discuss the shape (“round”) and describe what happens when bubbles pop. This activity supports sensory tracking, cause-and-effect understanding, and curiosity about movement.				
Resources/Materials <ul style="list-style-type: none">Bubble solution and wand		Key Vocabulary: bubble, pop, float		Support:



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Day 3	Topic(s)	Foundation(s)
	Theme: Plants Number: 13 Letter: Gg Color: Red Shape: Oval	SC1.1 Demonstrate ability to explore objects in the physical world SC5.1 Demonstrate scientific curiosity
Indicators	Younger Infants	Older Infants
	May touch or splash during water play.	May scoop, pour, or transfer water between containers.

Activity: **Water Play with Cups**

Fill a shallow bin with a small amount of warm water and include plastic cups or small spoons. Allow infants to splash and move their hands through the water freely. Describe what they're doing ("You're pouring the water!") and talk about what happens when they fill or empty a cup. This builds early understanding of cause and effect through hands-on exploration.

Resources/Materials <ul style="list-style-type: none"> Shallow water bin Plastic cups and spoons 	Key Vocabulary: water, pour, splash	Support:
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Month: October Week: 4 Subject: Science

Day 4	Topic(s)	Foundation(s)
	Theme: Plants Number: 13 Letter: Gg Color: Red Shape: Oval	SC3.1 Demonstrate awareness of life SC3.2 Demonstrate awareness of the preservation, protection, and care of living creatures and plants
Indicators	Younger Infants	Older Infants
	May observe or feel a leaf with curiosity.	May pat, hold, or look closely at a leaf when guided.

Activity: **Touch & Feel - Real Leaves**

Bring in several large, safe leaves for exploration. Encourage infants to touch and compare them while you use descriptive words like “green,” “smooth,” and “crunchy.” Discuss that leaves come from trees and plants that grow outside. Encourage gentle touch to model caring behavior for living things.

Resources/Materials <ul style="list-style-type: none"> Real leaves (washed and safe for touch) Tray or soft mat for display 	Key Vocabulary: leaf, green, tree	Support:
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Month: October Week: 4 Subject: Science

Day 5	Topic(s) Theme: Plants Number: 13 Letter: Gg Color: Red Shape: Oval	Foundation(s) SC1.1 Demonstrate ability to explore objects in the physical world SC5.1 Demonstrate scientific curiosity
Indicators	Younger Infants	Older Infants
	May watch light reflections or shadows move.	May reach toward or move to follow shadows or lights.
<p>Activity: Light and Shadow Play</p> <p>Use a flashlight or projector to create gentle light patterns on the wall or floor. Allow infants to observe how light moves and how shadows appear when objects pass in front of it. Talk about what's happening using simple words ("light," "dark," "shadow"). This experience promotes curiosity, sensory engagement, and early understanding of visual contrast.</p>		
Resources/Materials <ul style="list-style-type: none"> Flashlight or child-safe light projector Soft objects (balls, leaves, hands) to cast shadows 	Key Vocabulary: light, dark, shadow	Support: