



Month: February Week: 3 Subject: Science

Day 1	Topic(s) Theme: Black History Artists & Musicians Number: 6 Letter: Ee Color: Red, Green, Black, Yellow Shape: Circle	Foundation(s) SC1.1 Demonstrate ability to explore objects in the physical world. SC5.1 Demonstrate scientific curiosity.
Indicators	Younger Toddlers	Older Toddlers
	Observe the moving popcorn with teacher guidance.	Predict and describe what happens when vinegar is added.
Activities: Introduce the experiment by showing toddlers dry popcorn kernels and asking, "What do you think will happen if we put these in water?" Pour warm water into a clear container, add baking soda (1 tbsp), food coloring (a few drops), and popcorn kernels (¼ cup). Slowly pour in ¼ cup of vinegar and observe the kernels bouncing up and down. Encourage toddlers to describe what they see using simple words like “jump,” “move,” and “bubble.” Challenge for Older Toddlers: Ask them to predict what will happen before adding the vinegar and discuss the reaction.		
Resources/Materials • Clear jar or cup • ¼ cup popcorn kernels • 1 tbsp baking soda • ¼ cup vinegar • Food coloring • Warm water	Key Vocabulary: Popcorn Bubble Jump	Support: 

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Toddler Curriculum

Day 2	Topic(s) Theme: Black History Artists & Musicians Number: 6 Letter: Ee Color: Red, Green, Black, Yellow Shape: Circle	Foundation(s) SC1.1 Demonstrate ability to explore objects in the physical world. SC5.1 Demonstrate scientific curiosity.
Indicators	Younger Toddlers	Older Toddlers
	Observe how water makes sound with teacher assistance.	Compare different water levels and how they change sound.
Activities: Fill several clear glasses with different amounts of water and use a wooden spoon to gently tap each glass. Show toddlers how each glass makes a different sound. Ask them, “Which one sounds high? Which one sounds low?” Let toddlers explore by tapping the glasses gently and listening to the sounds they make. Challenge for Older Toddlers: Guide them in arranging the glasses from lowest to highest sound and discuss the changes in pitch.		
Resources/Materials • Clear drinking glasses or jars • Water • Wooden spoon	Key Vocabulary: Sound Water Tap	Support: 

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Day 3	Topic(s)	Foundation(s)
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Toddler Curriculum

	Theme: Black History Artists & Musicians Number: 6 Letter: Ee Color: Red, Green, Black, Yellow Shape: Circle	SC1.2 Demonstrate awareness of the physical properties of objects. SC3.1 Demonstrate awareness of life.
Indicators	Younger Toddlers	Older Toddlers
	Explore rolling toy cars through paint.	Attempt to create circle patterns by rolling cars.
Activities: Provide each toddler with a toy car and a large piece of paper. Pour small amounts of washable paint in the colors of the week (red, green, black, yellow) onto a tray. Show toddlers how to dip the car wheels into the paint and roll them on the paper to create patterns. For younger toddlers, teachers will guide their hands to roll the cars and encourage them to explore the colors and movement. Older toddlers will be encouraged to roll their cars in circular motions and identify the circles they create. Challenge for Older Toddlers: Ask them to mix two colors together while rolling their cars and describe what new colors they see.		
Resources/Materials	Key Vocabulary: Roll Circle Wheel	Support: 

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Day 4	Topic(s)	Foundation(s)
	Theme: Black History Artists &	SC1.2 Demonstrate awareness of the



Toddler Curriculum

	Musicians Number: 6 Letter: Ee Color: Red, Green, Black, Yellow Shape: Circle	physical properties of objects. SC5.1 Demonstrate scientific curiosity.
Indicators	Younger Toddlers	Older Toddlers
	Shake and listen to the different sounds.	Match sounds to different jars.
Activities: Fill small jars or containers with different materials such as beans, rice, paper clips, and cotton balls. Close the jars and encourage toddlers to shake them and describe what they hear. For younger toddlers, teachers will demonstrate shaking and emphasize loud vs. soft sounds. Older toddlers will guess what's inside each jar based on sound and sort them into loud and quiet groups. Challenge for Older Toddlers: Allow them to open a few jars and see what is inside after guessing.		
Resources/Materials - Small clear jars or plastic containers - Beans, rice, paper clips, cotton balls	Key Vocabulary: Shake Soft Loud	Support:

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Day 5	Topic(s)	Foundation(s)
	Theme: Black History Artists & Musicians	SC1.1 Demonstrate ability to explore objects in the physical world.



Toddler Curriculum

	Number: 6 Letter: Ee Color: Red, Green, Black, Yellow Shape: Circle	
Indicators		
	Younger Toddlers	Older Toddlers
	Listen and react to sound vibrations.	Feel the sound vibrations on a surface.
Activities: Show toddlers a small speaker or a drum. Have them place their hands on the surface while you play a sound or tap the drum. Ask, “What do you feel?” Guide them to notice the vibrations and discuss how sound travels. For an interactive twist, place a small piece of tissue paper on the drum and let them see how the paper moves with sound! Challenge for Older Toddlers: Have them hum into their hands and feel the vibration in their own voice.		
Resources/Materials	Key Vocabulary:	Support:
• Small speaker or drum • Tissue paper	Sound Vibration Feel	