



Month: February Week: 1 Subject: Science

Day 1	Topic(s) Theme: Black Inventor Number: 4 Letter: Bb Color: Yellow & Brown Shape: Star	Foundation(s) SC1.2: Demonstrate awareness of the physical properties of objects.
Indicators	Younger Toddlers	Older Toddlers
	Touch and explore different textured shapes.	Describe how the textures feel (e.g., soft, rough) and notice color changes.
Activities: Introduce the concept of textures by providing star-shaped cutouts made from different materials (soft fabric, sandpaper, cotton, foil). Allow toddlers to touch and feel each shape while describing how it feels (soft, rough, smooth). Younger toddlers will focus on touching and exploring textures, while older toddlers will attempt to describe the differences. Provide small containers of primary paint colors and encourage toddlers to mix them using their fingers to see how colors change.		
Resources/Materials - Star-shaped cutouts with different textures - Small paint containers for color mixing - Paintbrushes or finger painting materials	Key Vocabulary: Soft, Rough, Smooth, Mix, Color	Support:



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Day 2	Topic(s)	Foundation(s)
	Theme: Black Inventor Number: 4 Letter: Bb Color: Yellow & Brown Shape: Star	SC3.1: Demonstrate awareness of life. SC3.2: Demonstrate awareness of the preservation, protection, and care of living creatures and plants.
Indicators	Younger Toddlers	Older Toddlers
	Use their hands to explore and feel different textures in the sensory bin.	Scoop and transfer materials using toy tools while talking about plants.
Activities: Introduce toddlers to George Washington Carver and his love for nature. Show pictures of plants, trees, and gardens, and discuss how plants grow. Set up a sensory bin filled with shredded paper (to represent soil), large silk leaves, and toy gardening tools. Encourage toddlers to dig, scoop, and "plant" toy flowers or fabric leaves into the bin. Younger toddlers will focus on feeling and moving the materials, while older toddlers will practice "planting" and using small shovels or cups to scoop and pour.		
Resources/Materials	Key Vocabulary:	Support:
- Sensory bin with shredded paper (safe alternative to soil) - Large silk leaves or toy flowers - Toy gardening tools (small scoops, shovels) - Pictures of George Washington Carver and gardens	Plant, Grow, Soil, Leaf, Garden	

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

	Theme: Black Inventor Number: 4 Letter: Bb Color: Yellow & Brown Shape: Star	SC4.1: Demonstrate engineering design skills.
Indicators	Younger Toddlers	Older Toddlers
	Stack and knock down blocks with excitement.	Experiment with different ways to balance and build structures.
Activities: Introduce toddlers to basic engineering by providing different types of blocks (wooden, foam, plastic) for building. Encourage them to stack and compare different shapes and sizes. Younger toddlers will focus on stacking and knocking down blocks, while older toddlers will build simple structures and experiment with stability. Discuss how inventors like Elijah McCoy and Garrett Morgan built solutions to everyday problems.		
Resources/Materials • Various types of building blocks • Pictures of real structures for inspiration	Key Vocabulary: Stack, Build, Tall, Fall	Support:

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Day 4	Topic(s)	Foundation(s)
	Theme: Black Inventor	SC5.1: Demonstrate scientific curiosity.



	Number: 4 Letter: Bb Color: Yellow & Brown Shape: Star	
Indicators	Younger Toddlers	Older Toddlers
	Shine lights on different surfaces and react to shadows.	Create shadows and describe how light changes the environment.
Activities: Introduce toddlers to the concept of light and shadows. Provide flashlights and allow toddlers to shine them on walls, objects, and their hands. Demonstrate how light makes shadows and encourage them to explore different ways to create shapes using their hands. Younger toddlers will experiment with turning flashlights on and off, while older toddlers will create shadows and attempt to describe what they see.		
Resources/Materials • Child-safe flashlights • White wall or dark space for shadow play	Key Vocabulary: Light, Dark, Shadow, Bright	Support: 

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Day 5	Topic(s)	Foundation(s)
	Theme: Black Inventor Number: 4	SC6.1: Demonstrate decomposition of larger tasks into smaller steps.



Toddler Curriculum

	Letter: Bb Color: Yellow & Brown Shape: Star	
Indicators	Younger Toddlers	Older Toddlers
	Stop and go with their cars when cued.	Take turns leading as the traffic light and understanding simple traffic rules.
Activities: Introduce the concept of cause and effect using toy cars and a traffic light prop. Explain that Garrett Morgan invented the traffic light to help keep people safe. Demonstrate how a red light means stop and a green light means go. Younger toddlers will push toy cars and stop when prompted, while older toddlers will take turns pretending to be the traffic light and give stop/go instructions.		
Resources/Materials	Key Vocabulary:	Support:
• Toy cars • Red, yellow, and green props (paper or toy traffic light)	Stop, Go, Light, Traffic	