



Month: January Week: 4

Subject: Science

Day 1	Topic(s)		Foundation(s)	
	Review Week		SC1.1: Demonstrate ability to explore objects in the physical world.	
Indicators				
	Infants (0-6 months)		Infants (6-12 months)	
	Observe as the teacher stacks blocks to build an igloo and watch as blocks are moved or fall.		Attempt to reach for, stack, or move blocks with guidance from the teacher.	



Activities

The teacher will use soft blocks to build an igloo while narrating the process.

- **Younger Infants:** The teacher will stack blocks in front of the infant, saying, "I'm building an igloo. Look, it's getting taller!"
- **Older Infants:** The teacher will encourage participation by guiding their hands to stack blocks, saying, "Can you add this block here? Great job helping!"

Resources and Materials

- Soft, stackable blocks (preferably white or blue)
- Clean, flat play area

Topic Related Language/ Key Vocabulary

Igloo, block, stack, tall, fall

Supports





Month: January Week: 4

Subject: Science

Day 2	Topic(s)		Foundation(s)	
	Review Week	SC1.2: Demonstrate awareness of the physical properties of objects.		
Indicators				
	Infants (0-6 months)		Infants (6-12 months)	
	Watch as the teacher demonstrates color mixing in milk.		Show interest in the changing colors and attempt to point or reach toward the milk.	



Activities

The teacher will mix drops of food coloring into milk and use a cotton swab dipped in soap to demonstrate color movement.

- **Younger Infants:** The teacher will narrate: "Look at the colors swirl! See how the blue mixes with the yellow?"
- **Older Infants:** The teacher will invite infants to point to the colors, saying, "Can you find the red? Look how it moves!"

Resources and Materials

- Tray or shallow bowl of milk
- Food coloring (non-toxic)
- Cotton swabs and soap

Topic Related Language/ Key Vocabulary

Milk, color, mix, swirl, blue

Supports



[Magic Milk](#)

[Science Experiment](#)



Month: January Week: 4

Subject: Science

Day 3	Topic(s)		Foundation(s)	
	Review Week		SC1.1: Demonstrate ability to explore objects in the physical world.	
Indicators	Infants (0-6 months)		Infants (6-12 months)	
	Feel the coolness of the ice bag with teacher guidance.		Manipulate the sensory bag, observing how ice moves and water forms.	



Activities

The teacher will create a sensory bag filled with ice and a small amount of water for infants to explore.

- **Younger Infants:** The teacher will guide their hands to touch the bag, saying, "Feel how cool the ice is. Can you see the water?"
- **Older Infants:** The teacher will encourage exploration, saying, "Can you move the ice pieces? Look how they slide around!"

Resources and Materials

- Resealable sensory bags
- Ice cubes and water

Topic Related Language/ Key Vocabulary

Ice, cold, water, slide, bag

Supports



Month: January Week: 4

Subject: Science

Day 4	Topic(s)		Foundation(s)	
	Review Week		SC1.2: Demonstrate awareness of the physical properties of objects.	
Indicators	Infants (0-6 months)		Infants (6-12 months)	
	Watch as the teacher mixes oil and water, observing how they separate.		Respond to the mixing process by pointing or vocalizing.	



Activities

The teacher will mix oil and colored water in a clear container, shaking it to show separation.

- **Younger Infants:** The teacher will say, "Look at the oil floating on the water! See how it moves when I shake it?"
- **Older Infants:** The teacher will ask, "Can you see the bubbles? What happens when I shake it again?"

Resources and Materials

- Clear container with a secure lid
- Oil and colored water

Topic Related Language/ Key Vocabulary

Oil, water, shake, mix, float

Supports





Month: January Week: 4

Subject: Science

Day 5	Topic(s)		Foundation(s)	
	Review Week		SC3.1: Demonstrate awareness of life.	
Indicators				
	Infants (0-6 months)		(Infants 6-12 months)	
	Observe as the teacher introduces the bean and soil.		Help plant a bean and watch as the teacher waters it.	



Activities

The teacher will guide infants through planting a bean in soil, demonstrating how to care for it.

- **Younger Infants:** The teacher will show the infant the bean, saying, "This is a bean. We're planting it in the soil."
- **Older Infants:** The teacher will guide their hands to place the bean in the soil and pour water, saying, "You're helping the bean grow."

Resources and Materials

- Small pots or containers
- Soil, beans, and water

Topic Related Language/ Key Vocabulary

Bean, grow, plant, soil, water

Supports

