



Month: November Week: 3 Subject: Science

Day 1	Topic(s)	Foundation(s)
	Theme: Wiggly Worms & Garden Friends Number: 16 Letter: Ll Color: Gold Shape: Cone	SC1.1 Demonstrate ability to explore objects in the physical world SC5.1 Demonstrate scientific curiosity
Indicators	Younger Toddlers	Older Toddlers
	May scoop, pour, and feel soil-like material and find a hidden object.	May name one thing found in the bin and tell how it feels using a word or short phrase.

Activity: “Soil Sensory Bin: Scoop & Find”

Set up a low bin with a clean, soil-like medium and hide large “garden” items (big beads, jumbo bugs, leaves). Model safe scooping and pouring, then invite toddlers to search and place finds in a tray. Encourage simple describing words (soft, bumpy) and matching same items together. Finish with a brief show-and-tell of what each child found.

Resources/Materials <ul style="list-style-type: none"> • Large shallow sensory bin with clean soil substitute (e.g., cocoa mulch substitute, shredded paper, or dried oats) • Jumbo scoops and cups • Large pretend bugs/leaves or garden-themed objects 	Key Vocabulary: soil, scoop, find	Support:
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Day 2	Topic(s)		Foundation(s)	
	Theme: Wiggly Worms & Garden Friends Number: 16 Letter: Ll Color: Gold Shape: Cone		SC1.1 Demonstrate ability to explore objects in the physical world SC3.1 Demonstrate awareness of life	
Indicators				
	Younger Toddlers		Older Toddlers	
	May make the slinky squish and stretch like a worm.		May show squish and stretch and say which one makes the model long or short.	
Activity: “Slinky Worm Moves - Squish & Stretch”				
Introduce a large slinky as a “worm model.” Demonstrate squish to make it short and stretch to make it long, then let small groups try while saying the words. Invite children to copy the motions with their bodies on the rug. Close by lining a slinky beside a ribbon to notice how length changes.				
Resources/Materials <ul style="list-style-type: none">Large slinky (or several small slinkies)		Key Vocabulary: squish, stretch, long		Support:



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Day 3	Topic(s)		Foundation(s)	
	Theme: Wiggly Worms & Garden Friends Number: 16 Letter: Ll Color: Gold Shape: Cone		SC3.1 Demonstrate awareness of life SC5.1 Demonstrate scientific curiosity	
Indicators	Younger Toddlers		Older Toddlers	
	May place “castings” marks near a worm picture.		May point to leaves the worm eats and add castings dots to the soil area.	

Activity: “Worm Castings Picture Dab”

Briefly show a picture of a worm eating leaves and explain that worms make “castings” that help plants. Children use brown paint daubers or stickers to add casting dots in the soil on a simple scene page. Compare two pages to see which has more or fewer dots. Display work near the science area.

Resources/Materials <ul style="list-style-type: none"> • Worm scene sheets with soil/leaf areas • Brown paint daubers or large circle stickers 	Key Vocabulary: worm, leaves, castings	Support:
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Month: November Week: 3 Subject: Science

Day 4	Topic(s)		Foundation(s)	
	Theme: Wiggly Worms & Garden Friends Number: 16 Letter: Ll Color: Gold Shape: Cone		SC1.1 Demonstrate ability to explore objects in the physical world SC5.1 Demonstrate scientific curiosity	
Indicators				
	Younger Toddlers		Older Toddlers	
	May touch and look to tell one same or different between gummy and photo.		May name two senses used and share one describing word for each item.	

Activity: “5 Senses: Gummy vs. Photo Worm”

Place a gummy worm on a tray and a large photo of a real worm beside it. Guide children to **look** and **touch** the gummy, and **look** at the photo, naming safe senses used. Chart simple words children offer (smooth, shiny, brown). Emphasize gentle respect for living things by using a photo instead of a real worm.

Resources/Materials <ul style="list-style-type: none"> Large laminated photo of a real worm Gummy worms on a tray 	Key Vocabulary: see, touch, same	Support:
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Day 5	Topic(s) Theme: Wiggly Worms & Garden Friends Number: 16 Letter: Ll Color: Gold Shape: Cone	Foundation(s) SC5.1 Demonstrate scientific curiosity SC4.1 Demonstrate engineering design skills
Indicators	Younger Toddlers	Older Toddlers
	May watch the bubbly reaction and point when the gummy worms move.	May say a short prediction word (move, bubble) and name one thing they saw happen.
<p>Activity: “Dancing Worms Demo - Watch & Wow”</p> <p>Gather toddlers for a short demo using clear jars so everyone can see. Place cut gummy worms in water with baking soda, then carefully add vinegar to make bubbles and lift the pieces. Invite a quick class prediction, then watch together and describe the motion. End with a cheerful “wow” share and a simple safety reminder.</p>		
Resources/Materials <ul style="list-style-type: none"> • Two clear jars or beakers • Vinegar and baking soda • Gummy worms cut into short pieces 	Key Vocabulary: bubble, move, wow	Support: