



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	SC3.1 Demonstrate awareness of life SC1.1 Demonstrate ability to explore objects in the physical world
Indicators	Younger Preschool	Older Preschool
	May name a worm as a living thing and tell where it lives.	May state one fact learned about worms and ask a related question.

Activity: “All About Earthworms Read-Aloud”

Introduce the book and preview pictures to wonder what worms do underground. Read and pause to notice body parts, tunnels, and why soil is important. Chart one new fact from the class and circle key words to remember. Invite children to share questions they still have and park them on a “Worm Wonders” list for future investigations.

Resources/Materials <ul style="list-style-type: none"> Chart paper with markers <i>All About Earthworms</i> (book) 	Key Vocabulary: worm, soil, tunnel	Support:
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Day 2	Topic(s) Theme: Wiggly Worms & Garden Friends Number: 16 Letter: Ll Color: Gold Shape: Cone		Foundation(s) SC1.1 Demonstrate ability to explore objects in the physical world SC3.1 Demonstrate awareness of life	
Indicators	Younger Preschool		Older Preschool	
	May show how a worm moves by squeezing and stretching a model.		May explain that muscles help worms contract and extend to move.	

Activity: “How Do Earthworms Move? (Slinky)”

Show a large slinky and model **contract–extend** to imitate worm movement. Children take turns moving the model and describing what they see happening to each “segment.” Compare to their own bodies: what parts can squeeze small and stretch long? Finish by drawing quick arrows on the board to label **push** and **pull** movements.

Resources/Materials <ul style="list-style-type: none"> • Large slinky (or several small) • Simple labeled chart (contract/extend) 	Key Vocabulary: contract, extend, muscle	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 Preschool		Older Preschool	
	May say that worms eat plants/leaves and make poop that helps soil.		May draw or tell how castings help plants grow.	

Activity: “Worm Castings”

Review that worms eat dead plants and leaves. Explain that after food travels through the worm, the “castings” return to the soil and act like plant food. Children complete the **Worm Castings** page by drawing a worm, leaves, and castings in the soil. Close with a quick recap: “Worm poop helps plants!”

Resources/Materials <ul style="list-style-type: none"> • “Worm Castings” worksheet • Reference photo or book page • Crayons 	Key Vocabulary: castings, decompose, plant	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 Preschool		Older Preschool	
	May compare real vs. gummy by naming one same and one different.		May describe observations using 2-3 senses words from a chart.	

Activity: “Worm Observation & 5 Senses”

Set up a tray with a real worm (or photo) and a gummy worm for side-by-side observation. Use the class **5 Senses** chart to guide noticing. What do we see, feel (no tasting real worms), and smell? Record child language on the chart and sort observations under **same** or **different**. Emphasize gentle handling and safe, respectful care for living things.

Resources/Materials <ul style="list-style-type: none"> • 5 Senses chart with markers • Real worm in clear container (or photo) and gummy worm • Magnifying glasses 	Key Vocabulary: observe, same, different	Support:
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Month: November Week: 3 Subject: Science

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 Preschool	Older Preschool
	May predict what will happen to gummy worms in bubbly liquid.	May describe what they observed during the reaction using simple cause-effect words.
<p>Activity: “Dancing Worms STEM”</p> <p>Tell students you’ll make bubbles with a safe kitchen reaction. Place chopped gummy worms in one clear jar, then carefully add vinegar and a spoon of baking soda to create fizz. Watch the worms rise and fall and describe what is happening. Revisit the prediction: Were we right? Record one class sentence about the result.</p>		
Resources/Materials <ul style="list-style-type: none"> • Two clear jars or beakers • Vinegar and baking soda • Gummy worms (cut into pieces) 	Key Vocabulary: predict, bubble, react	Support: