



Month: October Week: 3 Subject: Science

Day 1	Topic(s)	Foundation(s)
	Theme: Under Construction; Learning In Progress Number: 12 Letter: Ff Color: Black Shape: Triangle	SC1.1 Demonstrate ability to explore objects in the physical world SC5.1 Demonstrate scientific curiosity
Indicators		
	Younger Toddlers	Older Toddlers
	May touch and squeeze oobleck with hands.	May notice and describe that oobleck feels both hard and soft.

Activity: **Oobleck Construction Play**

Teachers will prepare a sensory bin with oobleck (cornstarch and water) and add toy trucks for play. Younger toddlers will explore with their hands, scooping and squeezing the mixture. Older toddlers will describe what happens when they press down or scoop it, noticing the change in texture. Teachers will encourage children to say words like “sticky” or “soft” as they explore.

Resources/Materials <ul style="list-style-type: none"> Cornstarch, water, tubs Toy trucks and scoops 	Key Vocabulary: soft, sticky, squish, mix, scoop	Support:
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Day 2	Topic(s)	Foundation(s)
	Theme: Under Construction; Learning In Progress Number: 12 Letter: Ff Color: Black Shape: Triangle	SC1.2 Demonstrate awareness of the physical properties of objects
Indicators	Younger Toddlers	Older Toddlers
	May watch and point to shadows on the wall.	May notice how shadows move when objects move.

Activity: **Flashlight Shadow Play**

Teachers will dim the lights and shine flashlights on trucks, blocks, or hands to create shadows. Younger toddlers will point and laugh at the changing shapes. Older toddlers will be guided to move objects closer and farther from the light to see how the shadows grow and shrink. Teachers will encourage children to copy silly shadow movements with their hands.

Resources/Materials <ul style="list-style-type: none"> Flashlights Toy trucks, blocks, hands 	Key Vocabulary: shadow, light, dark, big, small	Support:
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Indicators	Younger Toddlers	Older Toddlers
	May hold and feel smooth rocks with curiosity.	May describe rocks as “hard,” “rough,” or “smooth.”
Activity: Rock Exploration Teachers will provide a basket of safe, smooth rocks for children to touch and explore. Younger toddlers will enjoy holding and tapping them. Older toddlers will talk about how rocks feel (cold, rough, smooth) and compare one to another. Teachers can extend by washing rocks in soapy water together, noticing how they look when wet versus dry.		
Resources/Materials <ul style="list-style-type: none"> • Smooth rocks (toddler safe) • Small tubs with water (optional) 	Key Vocabulary: rock, hard, smooth, rough, wet, dry	Support:



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Day 4	Topic(s)		Foundation(s)	
	Theme: Under Construction; Learning In Progress Number: 12 Letter: Ff Color: Black Shape: Triangle		SC4.1 Demonstrate engineering design skills	
Indicators				
	Younger Toddlers		Older Toddlers	
	May stack two or three blocks.		May build taller towers and attempt simple designs.	
Activity: Block Building Children will use blocks to build towers and walls. Younger toddlers will practice stacking a few blocks before knocking them down. Older toddlers will attempt to build taller or wider structures and problem-solve when they fall. Teachers can extend by asking children, “What can we do to make it stronger?” and trying different bases.				
Resources/Materials <ul style="list-style-type: none">Foam or wooden blocks		Key Vocabulary: block, stack, build, tall, fall		Support:



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Day 5	Topic(s) Theme: Under Construction; Learning In Progress Number: 12 Letter: Ff Color: Black Shape: Triangle	Foundation(s) SC1.1 Demonstrate ability to explore objects in the physical world SC3.1 Demonstrate awareness of life
Indicators	Younger Toddlers	Older Toddlers
	May dig and scoop dirt with hands or shovels.	May find and describe small items hidden in dirt.
<p>Activity: Dirt Digging Bin</p> <p>Teachers will set up a sensory bin filled with soil, scoops, and toy trucks. Younger toddlers will practice scooping and pouring dirt, noticing the texture. Older toddlers will be encouraged to find hidden items (rocks, pretend worms) in the soil and describe what they see. Teachers may extend by planting a seed together to observe growth in future weeks.</p>		
Resources/Materials <ul style="list-style-type: none"> • Soil or dirt in bins • Scoops, shovels, toy trucks • Hidden items (rocks, toy worms, seeds) 	Key Vocabulary: dirt, dig, scoop, find, grow	Support: