



3's STEAM October 2022 Lesson Plans

Teachers: Mrs. Carlberg and Mrs. Jacobs

	Oct. 7 Exploring Force: Magnetic Spiders	Oct. 14 Monster Fun: Chemical Reactions	Oct. 21 Engineering: Barn Building	Oct.28 Pumpkins: Force, Motion and Gravity
WELCOME CIRCLE/STORY	Calendar, Weather, Welcome Song, Story Time	Calendar, Weather, Welcome Song, Story Time <i>Go Away Big Green Monster Ed Emberly</i>	Calendar, Weather, Welcome Song, Story Time <i>Big Red Barn Margaret Wise Brown</i>	Calendar, Weather, Welcome Song, Story Time <i>There was an Old Lady who Swallowed a Pumpkin Simms Taback</i>
SMALL GROUP	Research types of spider webs	Monster Slime	Research types of barns and farm animals	Carve a pumpkin and explore its parts
CENTERS	<ul style="list-style-type: none"> * Use pipe cleaners to build a web * Play dough spider-count legs * What will stick? * Building with magnetic tiles * Spider ring stacking and patterning 	<ul style="list-style-type: none"> * Use shapes to build a monster * Ink blot monsters * Explore sensory balloons: solids, liquid, gas * Explore building with velcro 	<ul style="list-style-type: none"> *Balance scale: farm animals and popcorn * Pattern Blocks * Animal Sort * Feed the Farm Animals 	<ul style="list-style-type: none"> * Candy corn creations with toothpicks * Pumpkin patterning * Exploring incline planes * Explore materials to build the "gate"
STEAM CHALLENGE	Can you make a spider move using magnetic force?	What happens when you mix baking soda with vinegar?	Build and design a barn that hold the most animals	What are different ways to roll a pumpkin? Push, incline planes
GROSS MOTOR	Song: There's a spider on the floor!	Song: If You're Scary and You Know It! Balloons in Gym	Down on the farm: Move like the animals	Halloween Songs: Music and Movement
CLOSING	Magnetic activity: move the magnet on the path as a team	Inflating our monster balloon	Song: Animals on the farm	Five Little Pumpkins Build a Structure to hold 5 Pumpkins