













Nursery Rhymes










WEEK 1 NUMBER RHYMES

STEAM STATION	YOUR SUPPLIES	BIG QUESTION AND INSPIRATION PHOTOS	TEACHER TIPS
LESSON 1 Muddy Play <small>SCI 1 Investigation & Inquiry CA 4 Drama</small>	Dirt Water Bin Bowls Spoon Farm animal figurines	 	Invite children to explore the texture of the mud with the figurines. Set out a bowl of water for children to clean off their animals or objects.
LESSON 2 Sixpence Exploration <small>MR 6 Classification PD 2 Fine Motor</small>	Bowl Coins Paper Crayons	 	Encourage children to sort coins then experiment with coin rubbings. If desired, make slits on a shoebox top and encourage children to drop coins into the box.
LESSON 3 Shoe Shop <small>MR 4 Measurement SS 2 Civics & Economics</small>	Shoes Shoeboxes	 	Encourage children to try on different shoes and pretend to buy them. Invite children to display the shoes on the shelf in order of size.
LESSON 4 Sun Clock <small>SCI 4 Technology SS 4 History & Sense of Time</small>	Paper plate Playdough Craft stick Kitchen timer Marker	 	Invite children to place playdough in the center of a paper plate then insert a craft stick vertically into the dough. Set the "clock" outside and trace the shadow line formed by the craft stick's shadow. Write the time next to the line. Do this several times throughout the day.
LESSON 5 Sheep Fence <small>MR 3 Shapes MR 7 Logic & Reasoning</small>	Sticks or craft sticks Yarn Plush animals or animal figurines	 	Encourage children to help you push sticks into the ground in a circle, square or rectangle shape then wrap yarn around the sticks to make a fence. Place stuffed animals or animal figurines inside.





WEEK 2 CHARACTER RHYMES

LESSON 6 Balancing Eggs <small>MR 7 Logic & Reasoning PD 2 Fine Motor</small>	Toy eggs or small balls Blocks	 	Encourage children to build walls with blocks and balance toy eggs or balls on them. Problem-solve ways to change the wall designs to hold the most eggs.
LESSON 7 The Crooked Path <small>MR 7 Logic & Reasoning PD 1 Gross Motor</small>	Obstacles: cones, ropes, flags, boxes	 	Encourage children to arrange the obstacle course materials in various ways to create an easy course then a challenging course.
LESSON 8 Spider Web <small>SCI 2 Natural & Earth Science PD 1 Gross Motor</small>	Yarn	 	Invite children to explore wrapping yarn between structures in the room to create a large web. Explore moving in and out of the yarn while pretending to be spiders.
LESSON 9 Fiddle <small>SCI 1 Investigation & Inquiry CA 1 Music</small>	Building materials: boxes, plates, containers, tubes Rubber bands Craft sticks	 	Explore using the materials to make a musical instrument. Experiment with the different sounds the rubber bands make when wrapped around different containers.
LESSON 10 Treasure Hunt <small>SCI 4 Technology SED 3 Attention & Persistence</small>	Bin of sand Jewels/shiny objects Digging tools: slotted spoons, tongs, cups	 	Invite children to dig through sand looking for buried treasures.

WEEK 3 FOOD RHYMES

STEAM STATION	YOUR SUPPLIES	BIG QUESTION AND INSPIRATION PHOTOS	TEACHER TIPS
LESSON 11 Cupcake Bakery <small>MR 1 Number Sense PD 2 Fine Motor</small>	Playdough Cupcake liners with a numeral written on each Cupcake tins Birthday candles Cupcake decorations	 	Invite children to make pretend cupcakes then decorate them. Encourage children to match the number of candles on the cupcake to the numeral on the cupcake liner. If desired, set out a box and encourage children to pretend it is an oven.
LESSON 12 Animal Bowls <small>MR 4 Measurement CA 4 Drama</small>	Bowls of different sizes Plush animals Containers of small items Scooping utensil	 	Invite children to match each animal with a bowl then estimate how many scoops of "animal food" it will take to fill each animal's bowl. Encourage them to check their estimates.
LESSON 13 Pie Shop <small>SCI 1 Investigation & Inquiry CA 4 Drama</small>	Pie tins Stirring tools Containers Textured materials: sand, leaves, pompoms, beans	 	Encourage children to explore mixing different materials together in the pie tins.
LESSON 14 Shoe House <small>SCI 4 Technology CA 3 Visual Arts</small>	Paper Cardboard Cardboard tubes Small boxes String Paint Markers Scissors Tape/glue	 	Invite children to construct and decorate a house that looks like a shoe or other object.
LESSON 15 Penny Search <small>MR 1 Number Sense SED 3 Attention & Persistence</small>	Pennies Zip bags or paper bags Number cards 1-5		Give children a small zip bag or paper bag. Invite children to choose a number card then collect that number of pennies hidden throughout the area.

WEEK 4 "LITTLE" RHYMES

LESSON 16 Sheep in the Corn <small>SCI 3 Physical Science PD 2 Fine Motor</small>	Bin Popcorn kernels Cotton balls Sheep counters Nature items	 	Invite children to use their hands to dig through a bin of corn kernels to find hidden items.
LESSON 17 Sheep Bell <small>SCI 1 Investigation & Inquiry CA 4 Drama</small>	Yarn Ribbon Nuts/bolts Cups Paper clips Buttons	 	Encourage children to use the supplies to create a noisy bell for Bo Peep's sheep to wear.
LESSON 18 Up & Down Spiders <small>SCI 4 Technology MR 7 Logic & Reasoning</small>	Pipecleaners Large pompoms Paper cups String Pulley	 	Invite children to use the pompoms and pipecleaners to create "spiders." Encourage them to explore lifting and lowering them using the string and pulley.
LESSON 19 Star Cutting Station <small>MR 3 Shapes CA 3 Visual Arts</small>	Paper (yellow) Scissors Tape	 	Encourage children to use the materials to create stars. Display the finished stars on the walls of the room.
LESSON 20 Sheep Escape <small>SCI 4 Technology MR 7 Logic & Reasoning</small>	Sheep counters Blocks Rulers Spoons Playdough Pulleys Craft sticks Rubber bands String	 	Invite children to use the materials to engineer a tool to help a sheep to escape a fenced area.

Set-Up Directions

These open-ended STEAM stations invite children to investigate, problem-solve and create.

- Hang the Big Question and Inspiration Photos on the wall next to the place you set up the investigation.
- Use the labels to identify and organize materials children will use (and clean up) as they explore STEAM stations.

ROTATING YOUR STATIONS

- Introduce one new STEAM station daily. Leave that station set up all week. By the end of the week, children will have five stations to explore.




STEAM stations integrate perfectly with the monthly Experience Preschool Curriculum kits for a comprehensive research-based early learning system. Learn more and start your research-based curriculum today.

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**Where can
you find mud?**



**What do you see
on each side
of a coin?**



**What are your
favorite kind
of shoes?**



**Where does
the sun go
at night?**



**How can fences
keep us safe?**



**Can you
balance eggs?**



**Can you make an
obstacle course?**



**Can you create
a strong web?**



**Can you design
a fiddle?**



**Where might
you find
hidden treasure?**



**What is your
favorite kind
of cupcake?**



**Which animals
need big bowls?**



**Would you rather
make a pie
or eat one?**



**How can you
construct a house?**



**How many
pennies will
you find?**



**Why do sheep
like corn?**



**What will you use
to make a bell?**



**Can you use
a pulley?**



**Would you rather
cut out stars
or draw them?**



**Can you help
Mary's lamb
escape the fence?**



Quarter

25¢

UNITED STATES Coins



Penny

1¢



Nickel

5¢



Dime

10¢

Shoes for Eriots

Sneakers

Boots

Dress-Up

Slippers





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Stringed Instruments















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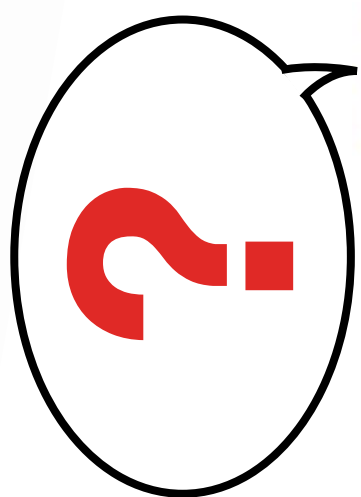


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Dirt



Water



Bins



Bowls



Spoons



Animal Figurines



Coins



Paper



Crayons



Shoes



Boxes



Paper Plates



Playdough



Craft Sticks



Timers



Markers



Sticks



Yarn



Stuffed Animals



Toy Eggs



Balls



Blocks



Obstacles



Building Materials



Rubber Bands



Sand



Shiny Objects



Digging Tools



Cupcake Liners



Muffin Tins



Candles



Cake Decorations



Containers



Small Items



Pie Tins



Textured Materials



Cardboard



Cardboard Tubes



String



Paint



Scissors



Tape



Glue



Zip Bags



Paper Bags



Popcorn Kernels



Cotton Balls



Sheep Counters



Nature Items



Ribbon



Nuts & Bolts



Cups



Paper Clips



Buttons



Pipecleaners



Pompoms



Pulleys



Rulers