

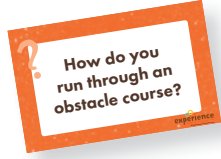











On the Go









## WEEK 1 DOWN THE ROAD

STEAM STATION	YOUR SUPPLIES	BIG QUESTION AND INSPIRATION PHOTOS	TEACHER TIPS
<p><b>LESSON 1</b> <b>Magnetic Cars</b> <small>SCI 4 Technology SS 3 Geography</small></p>	<p>Masking tape Toy cars Magnets</p>	<p style="text-align: center;"><b>How do magnets work?</b></p> 	<p>Tape magnets to toy cars, then try to pull them along masking tape roads with a larger hand-held magnet.</p>
<p><b>LESSON 2</b> <b>Sign-Making Station</b> <small>LLD 7 Writing SS 3 Geography</small></p>	<p>Paper Markers Tape Sticks Books about signage</p>	<p style="text-align: center;"><b>What sign can you make?</b></p> 	<p>Explore books that show various shapes/colors of traffic signs, then make your own and add words like stop, yield, slow and caution.</p>
<p><b>LESSON 3</b> <b>Obstacle Course</b> <small>MR 7 Logic &amp; Reasoning PD 1 Gross Motor</small></p>	<p>Obstacles: cardboard boxes, traffic cones Rope or string Start/finish signs Tape Paper/markers (optional)</p>	<p style="text-align: center;"><b>How do you run through an obstacle course?</b></p> 	<p>Set up an obstacle course of various materials/objects for the children to navigate. If desired, invite them to draw the course or one of their own.</p>
<p><b>LESSON 4</b> <b>Bridge Building</b> <small>SCI 1 Investigation &amp; Inquiry MR 7 Logic &amp; Reasoning</small></p>	<p>Marshmallows or packing peanuts Toothpicks Pictures or books about bridges Bowl</p>	<p style="text-align: center;"><b>Can you build a bridge?</b></p> 	<p>Set out pictures or books about bridges, then encourage the children to use toothpicks and marshmallows to create their own bridges.</p>
<p><b>LESSON 5</b> <b>Pumping Gas</b> <small>SCI 1 Investigation &amp; Inquiry SCI 4 Technology</small></p>	<p>Empty water bottles Funnels Water Pitcher Turkey baster Toy car</p>	<p style="text-align: center;"><b>What tools help pour water?</b></p> 	<p>Experiment with pouring water into containers with small openings (such as water bottles). Set out funnels, turkey basters and water pitchers. If desired, include toy cars and pretend to fill them with gas.</p>










## WEEK 2 ON LAND

<p><b>LESSON 6</b> <b>Car Wash Tunnel</b> <small>PD 1 Gross Motor CA 4 Drama</small></p>	<p>Table Strips of fabric Sponges Toy cars</p>	<p style="text-align: center;"><b>How do you clean a car?</b></p> 	<p>Hang strips of fabric underneath a table and encourage the children to crawl through the "car wash." Use sponges and pretend to wash toy cars.</p>
<p><b>LESSON 7</b> <b>Wheels &amp; Ramps</b> <small>SCI 3 Physical Science SED 4 Social Relationships</small></p>	<p>Ramps Masking tape Toys that roll</p>	<p style="text-align: center;"><b>Which toy rolls farthest? Why?</b></p> 	<p>Create ramps of various lengths and heights and explore rolling toys down them. Use masking tape to mark how far each rolls.</p>
<p><b>LESSON 8</b> <b>DIY Tinker Toys</b> <small>PD 2 Fine Motor MR 7 Logic &amp; Reasoning</small></p>	<p>Cardboard tubes Hole puncher Straws</p>	<p style="text-align: center;"><b>Can you build a bike?</b></p> 	<p>Make your own construction toys by punching holes in cardboard tubes. Use straws to connect them.</p>
<p><b>LESSON 9</b> <b>Shoe Shop</b> <small>SS 1 Culture &amp; Community CA 4 Drama</small></p>	<p>Clipboard Dress-up shoes Mirror</p>	<p style="text-align: center;"><b>Can you design a shoe?</b></p> 	<p>Gather a variety of shoes, boots and slippers. Explore trying on shoes and looking at feet in a mirror.</p>
<p><b>LESSON 10</b> <b>Sculpting Animals</b> <small>CA 3 Visual Arts SCI 2 Natural &amp; Earth Science</small></p>	<p>Playdough or clay Beans Craft sticks Tray</p>	<p style="text-align: center;"><b>What animal can you ride?</b></p> 	<p>Look at photographs of animals that people ride on. Use playdough or clay to recreate them.</p>

## WEEK 3 BY AIR & WATER

STEAM STATION	YOUR SUPPLIES	BIG QUESTION AND INSPIRATION PHOTOS	TEACHER TIPS
<p><b>LESSON 11</b></p> <p><b>Paper Airplanes</b></p> <p><small>MR 7 Logic &amp; Reasoning SCI 3 Physical Science</small></p>	<p>Paper Markers: stones, sticks or cones</p>		<p>Gather paper of all shapes and thicknesses. Explore folding it into plane shapes. Fly them, then mark the distances flown.</p>
<p><b>LESSON 12</b></p> <p><b>Hot Air/Cold Air Experiment</b></p> <p><small>SCI 3 Physical Science PD 2 Fine Motor</small></p>	<p>Bowl of hot water Bowl of icy water Bottle Balloon</p>	 	<p>Stretch a balloon over the opening of an empty bottle. How does the balloon change when the bottle is placed in a bowl of hot water? In a bowl of icy water?</p>
<p><b>LESSON 13</b></p> <p><b>Nuts &amp; Bolts</b></p> <p><small>SCI 4 Technology PD 2 Fine Motor</small></p>	<p>Tray Nuts, bolts, screws</p>	 	<p>Explore ways to use these tools. Twist, turn and fit the various pieces together.</p>
<p><b>LESSON 14</b></p> <p><b>Boat Pull</b></p> <p><small>SCI 1 Investigation &amp; Inquiry SED 4 Social Relationships</small></p>	<p>Yarn Tape Paper plate Blocks</p>	 	<p>Tie yarn to a paper plate and attach a piece of yarn with tape. Experiment with weight/distance by pulling blocks around the room.</p>
<p><b>LESSON 15</b></p> <p><b>Moving Water</b></p> <p><small>SCI 3 Physical Science SED 3 Attention &amp; Persistence</small></p>	<p>Bin of water Spoons/whisks Variety of things that float</p>		<p>Explore how objects move in water and whether they float or sink.</p>

## WEEK 4 PUBLIC TRANSPORTATION

<p><b>LESSON 16</b></p> <p><b>Stick Tracks</b></p> <p><small>MR 2 Spatial Awareness PD 2 Fine Motor</small></p>	<p>Tape/glue Bowl of craft sticks</p>	 	<p>Set out a bowl of craft sticks and encourage the children to problem-solve how to build train tracks.</p>
<p><b>LESSON 17</b></p> <p><b>Bus Ride</b></p> <p><small>SS 2 Civics &amp; Economics CA 4 Drama</small></p>	<p>Bus stop signs Bus tickets Tray or toy car or bus</p>	 	<p>Post the three bus stop signs around the room or outdoors. Encourage the children to push a toy car, bus or a tray from stop to stop. Add more objects onto the tray at each stop. Use the tickets to role-play.</p>
<p><b>LESSON 18</b></p> <p><b>Animal Taxi</b></p> <p><small>SS 1 Culture &amp; Community CA 4 Drama</small></p>	<p>Stuffed animals Pictures that match stuffed animals Boxes or laundry baskets</p>		<p>Hide stuffed animals outside, partially visible. Choose one photo, then invite the children to pretend to be taxi drivers who need to pick up that animal and drive it somewhere. Use laundry baskets or boxes as the car.</p>
<p><b>LESSON 19</b></p> <p><b>Tunneling Underground</b></p> <p><small>MR 7 Logic &amp; Reasoning SCI 4 Technology</small></p>	<p>Scooping tools Bin of sand PVC pipes (optional)</p>	 	<p>Explore scooping sand using tools and hands to create tunnels. If desired, bury PVC pipes and pretend they are tunnels.</p>
<p><b>LESSON 20</b></p> <p><b>Weight &amp; Water Experiment</b></p> <p><small>SCI 1 Investigation &amp; Inquiry MR 7 Logic &amp; Reasoning</small></p>	<p>Aluminum foil Bowl of coins</p>	 	<p>Set out a variety of boat building supplies and a bin of water. Explore building different types of boats, then add heavy objects to the boat. How much weight can the boat hold? How can you redesign it to hold more weight?</p>

## 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.

[ExperienceCurriculum.com](https://www.ExperienceCurriculum.com)





**How do  
magnets work?**



**What sign can  
you make?**



**How do you  
run through an  
obstacle course?**



**Can you build  
a bridge?**



**What tools help  
pour water?**



**How do you  
clean a car?**



**Which toy rolls  
farthest? Why?**



**Can you build  
a bike?**



**Can you design  
a shoe?**



**What animal  
can you ride?**



**How far can  
the airplane fly?**




**What happens  
to hot air?**



**What can  
you twist?**



**What can  
you pull?**



**What happens  
when you  
stir water?**



**Can you build  
a train track?**



**Where does  
the bus go?**



**Who rides  
in your taxi?**



**Can you build  
a tunnel?**



**How strong  
is the boat?**



# safety

# signs





  
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# Shoes We Wear



# Animals We Ride





  
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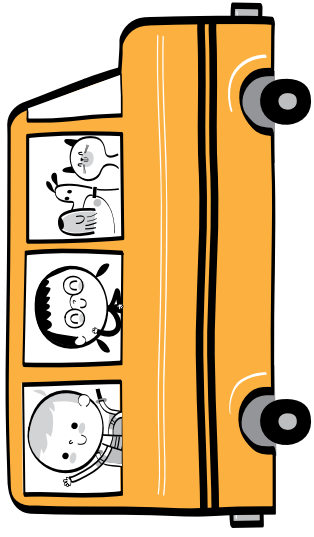
  
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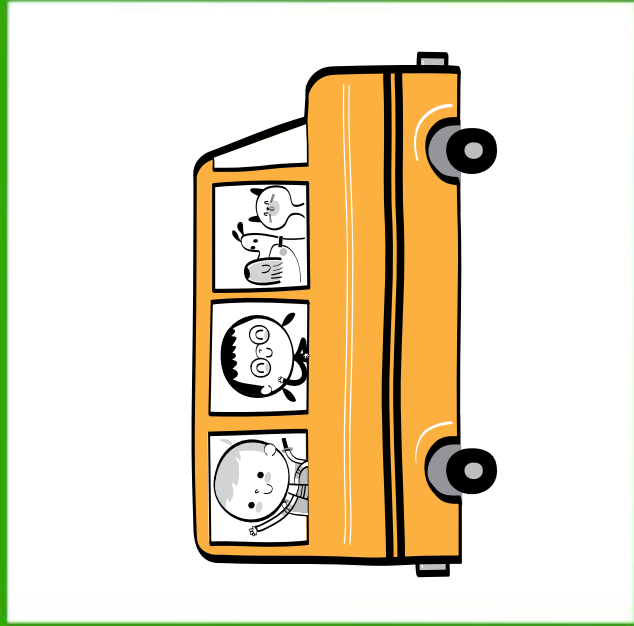


  
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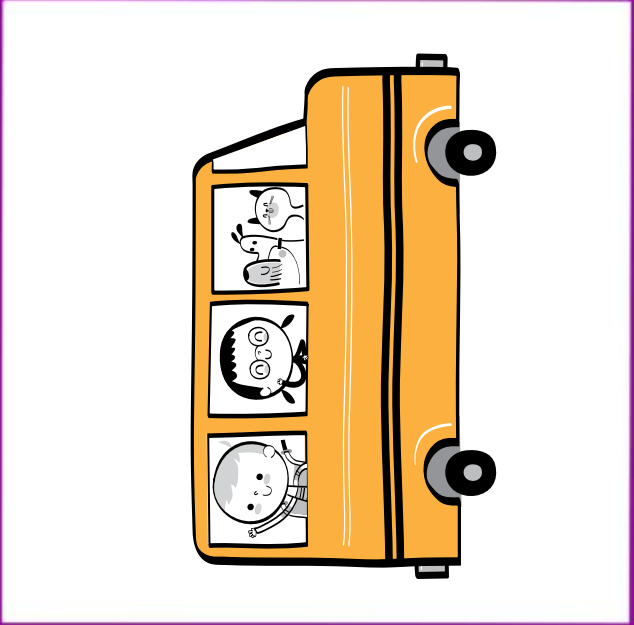
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**BUS STOP**

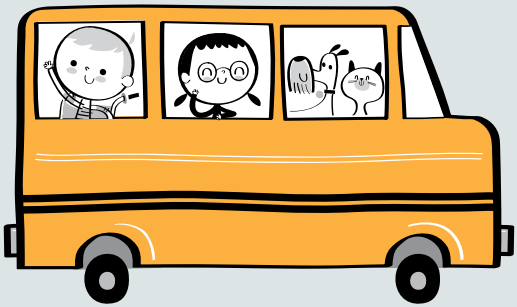
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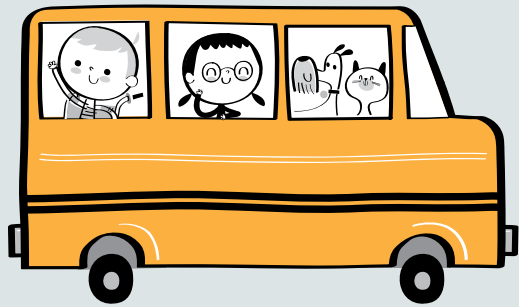
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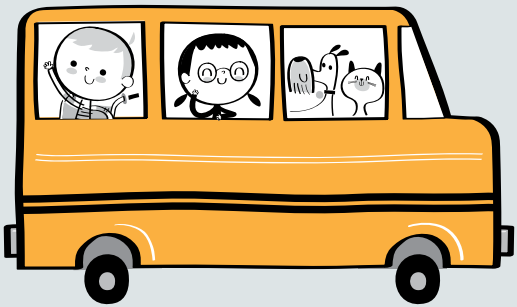
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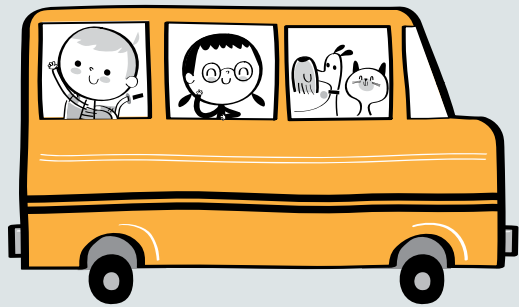
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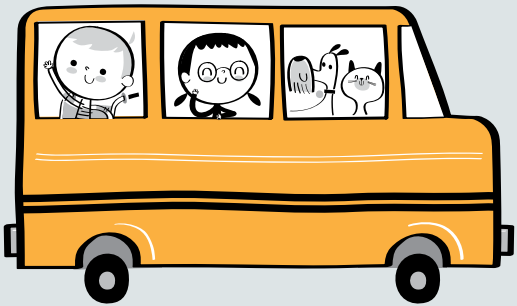
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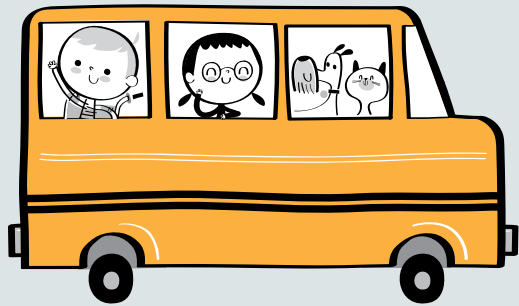
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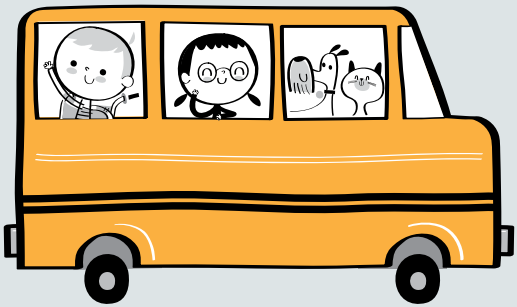
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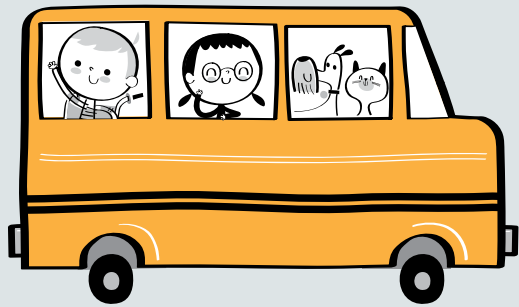
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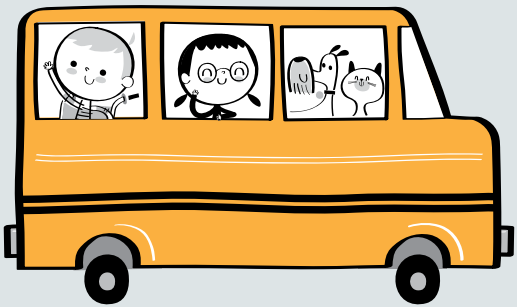
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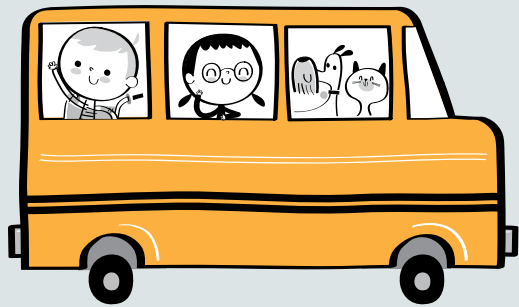
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