



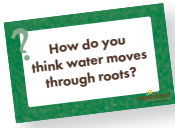










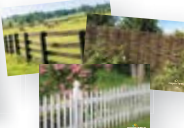



Garden Treasures









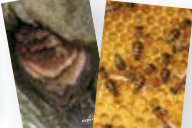
WEEK 1 PLANTING GARDENS

STEAM STATION	YOUR SUPPLIES	BIG QUESTION AND INSPIRATION PHOTOS	TEACHER TIPS
LESSON 1 Compost in the Kitchen <small>SCI 2 Natural & Earth Science</small>	Dirt Leaves Clear jar or 2-liter bottle Veggie/fruit scraps	 	Set out dirt, leaves and some veggie/fruit scraps. Invite the children to explore layering organic materials in a clear jar or a two-liter bottle with the top cut off. Leave the jar out all month and observe what happens.
LESSON 2 Seed Investigation <small>MR 1 Number Sense</small>	Fruits with seeds Spoon Tweezers Ice cube tray Knife (adult use)		Set out a variety of different fruits and cut each one in half. Set out a spoon and an ice cube tray for the children to remove, count and compare the seeds.
LESSON 3 Long Garden Hose <small>SCI 4 Technology</small>	Straws Tape Bowls (2 or 3) Eyedropper Water		Set out straws and encourage the children to connect them together with tape to create one long garden hose. Use an eyedropper to fill the homemade hose and move water from one bowl to another.
LESSON 4 Soak It Up <small>SCI 4 Technology</small>	Clear cups (3) Paper towel Food coloring: red, yellow Water	 	Add a drop of yellow food coloring to one cup of water and red food coloring to another. Twist two paper towels and put one end of each in an empty cup and the other ends in the two water cups. What happens?
LESSON 5 Worm Tunnels <small>SCI 2 Natural & Earth Science</small>	Bin of dirt or sand table Rubber worms	 	Fill a bin or sand table with dirt and rubber worms. Explore making worm tunnels and homes.


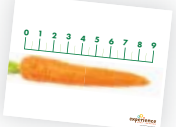






WEEK 2 GROWING GARDENS

LESSON 6 Stem Drinking <small>SCI 1 Investigation & Inquiry</small>	Cups Water Food coloring Celery stalks Clipboards Paper Marker		Set out a few cups of water and invite the children to help you add food coloring to each. Put a stalk of celery in each cup and observe what happens to the celery. Leave out clipboards to draw observations.
LESSON 7 Leaf Rubbings <small>SCI 1 Investigation & Inquiry</small>	Leaves Paper Crayons	 	Gather a variety of leaves and experiment with doing leaf rubbings. Put paper on top of the leaf and rub the side of a crayon on the paper over the leaf.
LESSON 8 3D Flower Shop <small>SCI 4 Technology</small>	Paper strips Tape/stapler Markers Sticks or pipecleaners/straws		Invite the children to bend paper strips into flowers, then attach them to a stick. Pretend to sell them in a flower shop. Create a shop sign, if desired, and include the name of the shop, flower prices and flower names.
LESSON 9 Garden Fence <small>MR 7 Logic & Reasoning</small>	Collage materials, e.g., sticks, string, tape, paper, pipecleaners	 	Set out the materials and encourage the children to explore building a fence for a mini garden to keep rabbits out.
LESSON 10 Weeding <small>MR 6 Classification</small>	Popsicle sticks Markers: green, red		Invite the children to color the top half of all sticks green and the bottom half of one red. Push them all into the ground and encourage the children to pull them out. When someone pulls out the red "weed," replant all sticks and play again.

WEEK 3 GARDEN VISITORS

STEAM STATION	YOUR SUPPLIES	BIG QUESTION AND INSPIRATION PHOTOS	TEACHER TIPS
LESSON 11 Mole Maze <small>SCI 2 Natural & Earth Science</small>	Box lids Straws Scissors Tape Marbles	 	Encourage the children to design a maze by cutting straws, then taping them into a box lid. Help them cut a hole somewhere in the box to be the "Mole Hole." Roll a marble in the maze and try to get it into the hole.
LESSON 12 Crow's Nest <small>SCI 2 Natural & Earth Science</small>	Cardboard circles Yarn Scissors Leaves		Set out weeds, sticks, leaves and other nature items on the table, along with paper bowls and glue. Invite the children to build nests or make a collage on a bowl.
LESSON 13 Bunny on Top <small>MR 7 Logic & Reasoning</small>	Measuring tape or yardstick Blocks or paper cups Tape Cotton ball	 	Some bunnies can jump as high as four feet. Tape a line on the wall at four feet. Work together to build a tower to the line with blocks or paper cups. Take turns tossing a cotton ball and try to land it on top of the block tower.
LESSON 14 Toad Pond <small>SCI 2 Natural & Earth Science</small>	Recycled containers Nature items: rocks, leaves, grass Water Paint (optional)	 	Set out a variety of small recycled containers. Encourage the children to gather nature items from outside. Add some water and nature items to the containers to make a toad habitat. If desired, paint rocks to look like toads.
LESSON 15 Design a Beehive <small>SCI 4 Technology</small>	Egg cartons Tape Scissors Paint & brushes (optional)	 	Cut the egg cartons into individual cells. Invite the children to tape the cells together to make a hive. Investigate how to use tape to assemble the individual cells. What shape is the hive? If desired, paint it when done.

WEEK 4 GARDEN VEGETABLES

LESSON 16 Digging for Carrots <small>SCI 2 Natural & Earth Science</small>	Bin of dirt Carrots Clipboard Paper Marker	 	Fill a bin with dirt and hide a variety of different size real carrots in it. Invite the children to find a carrot, then measure it with the carrot ruler page. Record the size on a clipboard.
LESSON 17 Potato Pile <small>MR 7 Logic & Reasoning</small>	Potatoes Masking tape	 	Set out a variety of potatoes. Stick 5 pieces of masking tape in graduated heights on a wall, then label 1-5 with 1 being the lowest height. Encourage the children to problem-solve and stack potatoes up to the pieces of tape.
LESSON 18 Beanbags <small>SCI 4 Technology</small>	Paper or fabric Scissors Stapler/tape Dried beans		Encourage the children to cut two identical shapes from paper or fabric. Staple or glue the shapes together to create a pocket, fill it with beans and staple it closed. Explore different ways for the children to use their beanbags.
LESSON 19 Salt Dough Peas <small>SCI 3 Physical Science</small>	Salt Dough: 2 c. flour, 1 c. salt, 1 c. water, green food coloring Mixing bowl Spoon Paper (green) Scissors Tape	 	Mix flour and salt together. Gradually mix in water to form a dough, then add a few drops of food coloring. Encourage the children to roll the dough into peas and allow them to dry. Set out paper, scissors and tape to create pods for the peas.
LESSON 20 Shaped Gardens <small>MR 3 Shapes</small>	Sticks or rulers String Scissors		Give the children sticks to insert into the ground. Set out string and encourage the children to wrap it around the sticks to mark off a garden. Encourage the children to explore making different shaped gardens with the materials.

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.
- If desired, use 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.



A master set of supply labels for STEAM and your environment, including blank labels for you to use with miscellaneous supplies, can now be found on Member Resources.



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






**How can you
make compost?**



**Which fruits
have the
most seeds?**



**How does
a hose work?**



**How do you
think water moves
through roots?**



**Can you make
worm tunnels?**



**How do plants
drink water?**



**Which leaves
work best for
rubblings? Why?**



**What tools
and materials
can you use
to make flowers?**



**How can you
build a fence?**



**Can you find
the weed?**



**What do you
think a mole does
underground?**



**What do birds use
to build nests?**



**How high can
a rabbit jump?**



**Can you design
a toad habitat?**



**Can you design
a beehive?**



**Where do
carrots grow?**



**How high
can you
stack potatoes?**



**How can you
make a beanbag?**



**How many peas
can you make?**



**What shape
garden can
you make?**

KITCHEN COMPOST!

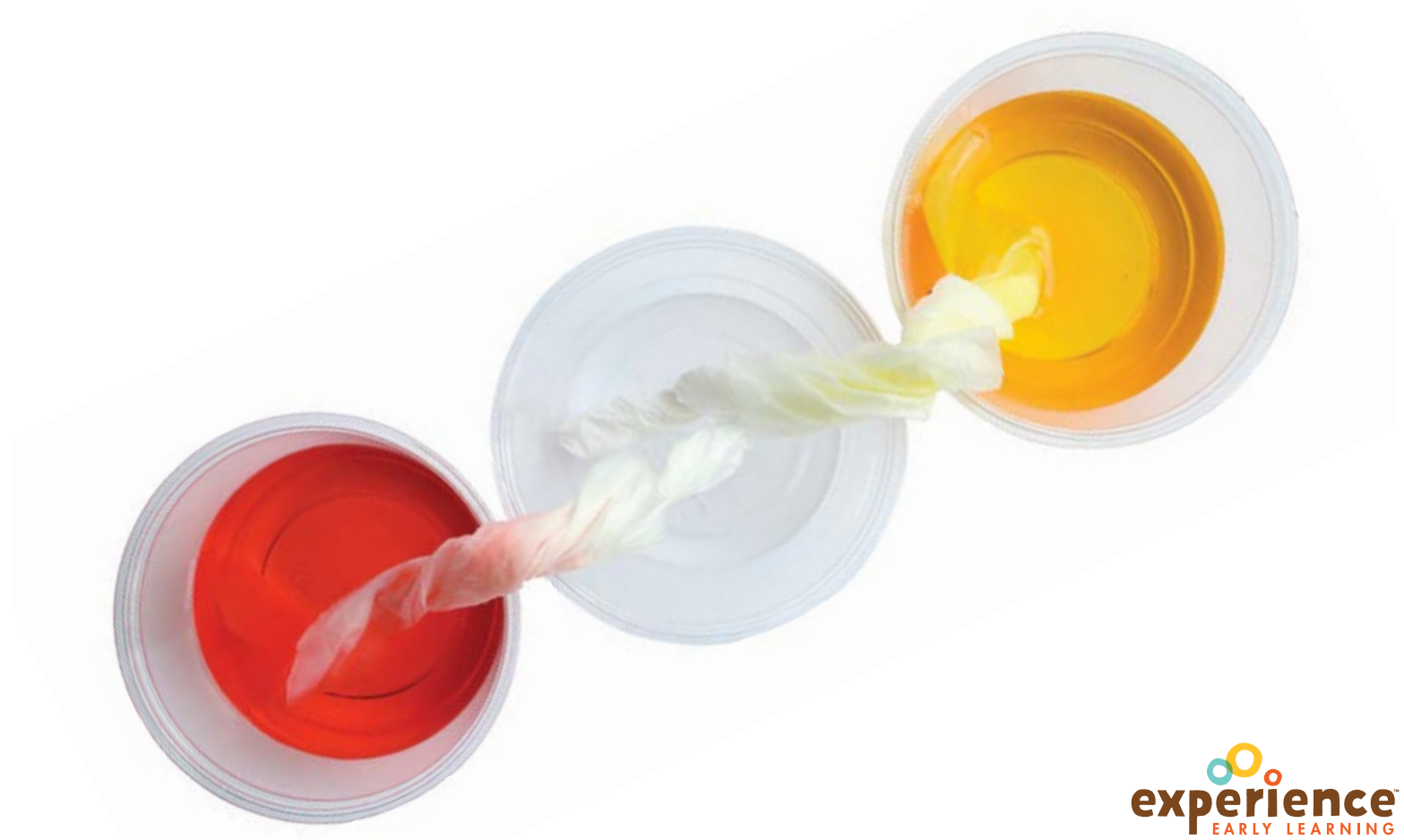
Dirt

Paper

Leaves

Fruit & Veggie
Scraps









experience
EARLY LEARNING
© 2024 Experience Early Learning Co.



experience
EARLY LEARNING
© 2024 Experience Early Learning Co.







