















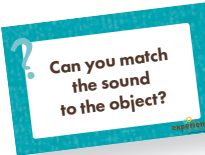




# Friends & Feelings









## WEEK 1 MAKING FRIENDS

STEAM STATION	YOUR SUPPLIES	BIG QUESTION AND INSPIRATION PHOTOS	TEACHER TIPS
<b>LESSON 1</b> <b>Making Waves</b> <small>SCI 3 Physical Science PD 2 Fine Motor</small>	Ribbons Tape	 	Tape a ribbon to the edge of a table or to a wall. Hold it and move it up and down. Explore how ocean and sound waves move in similar ways. Explore making high and low sounds and try to shake the ribbon to make tall and short waves.
<b>LESSON 2</b> <b>Build a Playground</b> <small>MR 7 Logic &amp; Reasoning SS 3 Geography</small>	Blocks Yarn Cardboard Tape Clipboards with paper Pencils	 	Encourage the children to first draw their dream playground. Then use the blocks and materials to build their design. How do they have to change the design as they build? Why?
<b>LESSON 3</b> <b>Mirror Reflection</b> <small>SCI 1 Investigation &amp; Inquiry PD 2 Fine Motor</small>	Mirror Nature items: shells, leaves, rocks	 	Encourage the children to arrange the loose pieces on the mirror. Explore how different objects reflect on it. Talk about what the children put on the mirror and how the items look. What happens if they look in the mirror?
<b>LESSON 4</b> <b>Clip &amp; Display</b> <small>SCI 4 Technology SS 1 Culture &amp; Community</small>	Yarn Wooden clothespins Paper clips Family photos		Set out a basket of the children's family photos. Hang clothespins and paper clips from yarn. Encourage the children to explore how the clothespins and paper clips work. Invite them to hang different photos from the clips.
<b>LESSON 5</b> <b>Nature Mandalas</b> <small>SCI 2 Natural &amp; Earth Science CA 3 Visual Arts</small>	Nature items: pinecones, rocks, leaves, flower petals	 	Gather nature items. Encourage the children to arrange them to create patterns or mandala designs.



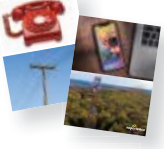




## WEEK 2 FEELINGS

<b>LESSON 6</b> <b>Dripping Tears</b> <small>SCI 2 Natural &amp; Earth Science PD 2 Fine Motor</small>	Salt Water Bowl Eyedroppers or sponge		Mix a bowl of salt water and set out eyedroppers or sponges and chalk. Children draw faces with different expressions, then wipe them away with the salty water. Imagine the salty water is tears. Talk about how tears are made of water and sodium (salt).
<b>LESSON 7</b> <b>Block Faces</b> <small>SED 2 Self-Regulation MR 6 Classification</small>	Masking tape Blocks Feeling Faces cards	 	Make a large masking tape circle on the floor. Draw a card, then use the blocks to make that face in the circle.
<b>LESSON 8</b> <b>Rock Faces</b> <small>MR 2 Spatial Awareness SED 1 Self-Awareness</small>	Bowl of rocks Paint Paintbrushes Felt (black)	 	Put the bowl of rocks on the table and draw or paint a variety of different mouths, eyes and noses on flat rocks. Set out black felt like placemats. Encourage the children to design faces on their black felt. Talk about the rock face parts and the emotions of the designed faces.
<b>LESSON 9</b> <b>Surprising Sounds</b> <small>SCI 1 Investigation &amp; Inquiry SCI 3 Physical Science</small>	Containers (3) Small objects (3 different types)		Put one of each object on a tray for the children to see. Then hide the objects in the containers. Children shake a container and guess which object might be inside.
<b>LESSON 10</b> <b>Shadow Monsters</b> <small>SCI 4 Technology CA 4 Drama</small>	Paper (black) Straws or sticks Scissors Flashlight	 	Explore cutting out different shapes and tape them to the straws or sticks. Explore shining the flashlight on them and see the shadows on the floor or wall. Take the shadow puppets outside and see if they cast a shadow on the ground.

## WEEK 3 COMMUNICATION

STEAM STATION	YOUR SUPPLIES	BIG QUESTION AND INSPIRATION PHOTOS	TEACHER TIPS
<b>LESSON 11</b> <b>Block Friends</b> <small>MR 4 Measurement MR 7 Logic &amp; Reasoning CA 4 Drama</small>	Blocks Photos of your children Tape		Tape photos to the sides of the blocks. Stack blocks and put different friend photo blocks on the top of the stack. Which friend is up highest? Lowest? Explore stacking and measurement.
<b>LESSON 12</b> <b>Shared Weaving</b> <small>MR 7 Logic &amp; Reasoning MR 5 Patterns</small>	Long strips of fabric Sticks or long grasses Yarn		Encourage the children to share the material and weave them in and out of fences in the outdoor area. (If you do not have a fence, wrap yarn horizontally between two trees.)
<b>LESSON 13</b> <b>Broken Bones</b> <small>SCI 2 Natural &amp; Earth Science PD 3 Safety</small>	Real sticks Gauze or fabric strips Craft sticks Stuffed animals	 	Break tree sticks into two pieces. Encourage the children to put them back together like a puzzle, then wrap them with gauze or fabric. Use the craft sticks as splints, if desired. Leave stuffed animals in the “orthopedic clinic” and pretend to care for animals with injured arms and legs.
<b>LESSON 14</b> <b>Tall Stack</b> <small>MR 7 Logic &amp; Reasoning SCI 3 Physical Science</small>	Blocks Tape Recycled stacking materials Scissors	 	Put rocks or recycled materials in the block area. Cut apart the Rulers page and make a tall blue ruler, green ruler and purple ruler. Encourage the children to experiment with stacking the different types of materials in the block area and see if they can stack to the top of the strips.
<b>LESSON 15</b> <b>Color Mixing Bags</b> <small>SCI 3 Physical Science CA 3 Visual Arts</small>	Clear zip bags Paint Crayons Paper Markers	 	Make multiple bags with two different paint colors. Encourage the children to squish and mix the colors in the bag and record their findings. Use crayons to draw the first two colors and the color results after mixing.

## WEEK 4 CARING

<b>LESSON 16</b> <b>Tracing Shapes</b> <small>MR 3 Shapes MR 4 Measurement</small>	Paper Crayons Variety of objects		Encourage the children to trace their hand, then find another object to trace that fits inside their hand outline. Ask, “Can you find another object small enough to fit inside the second tracing?” Leave out a variety of objects for the children to experiment with tracing and sizing.
<b>LESSON 17</b> <b>Telephone Talk</b> <small>SED 4 Social Relationships SCI 4 Technology</small>	Paper cups (2) String Paper clips (2)	 	Gather two cups, two paper clips and a long piece of string. Poke a hole in the bottom of each cup, then connect them by threading the string through the holes. Tie the ends to paper clips to prevent slipping. Invite the children to explore sound waves and vibrations by talking through the cups.
<b>LESSON 18</b> <b>Post Office</b> <small>LLD 7 Writing SS 1 Culture &amp; Community</small>	Box Envelopes Markers Paper Tape Mailbox tags	 	Invite each child to decorate a shoebox, then write their names on a Mailbox Tag and attach. Fill out the Address Poster and leave out paper, envelopes and markers for the children to create their own mail and deliver it to each other. Talk about how mail is delivered to addresses.
<b>LESSON 19</b> <b>Video Chat</b> <small>SCI 4 Technology SED 4 Social Relationships</small>	Old box Scissors		Cut a window in the side of a big box. Encourage a child to sit in or behind the box, then have a conversation with a child on the other side. Pretend to be talking through a computer. What faces can you both make? Can you copy facial expressions? Why do people video chat?
<b>LESSON 20</b> <b>Outdoor Communication</b> <small>LLD 2 Communication MR 5 Patterns</small>	Pots or buckets Sticks		Talk about how animals communicate with each other to call for friends or warn of danger. Lie down and listen to nature. Place pots/buckets with sticks on opposite ends of the play area. Invite the children to take turns playing a call-and-response game with the “drums.”

## 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.



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](https://www.experiencecurriculum.com)





**How can you  
make waves?**



**Can you design  
a playground?**



**What do you see  
in the mirror?**



**What can hold  
a photo?**



**What nature  
design can  
you make?**




**Where do tears  
come from?**



**Can you build  
a face?**




**What face  
can you make?**



**Can you match  
the sound  
to the object?**



**Can you  
create a shadow  
puppet?**



**How high  
can you  
stack blocks?**



**Can you weave?**




**How can you  
make a cast  
for broken bones?**



**How tall can  
you stack the  
recycled materials?**



**What happens  
when you mix  
two colors?**



**Can you  
trace objects  
of different sizes?**



**How does  
a phone work?**



**Can you write  
and deliver mail?**



**Who is  
on video chat?**



**How do animals  
communicate?**



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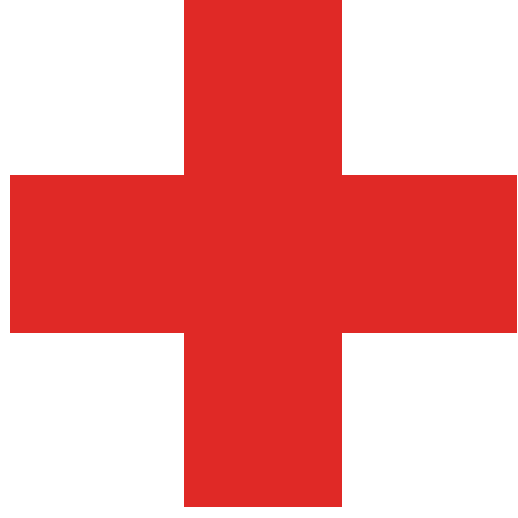


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# Orthopedic Clinic





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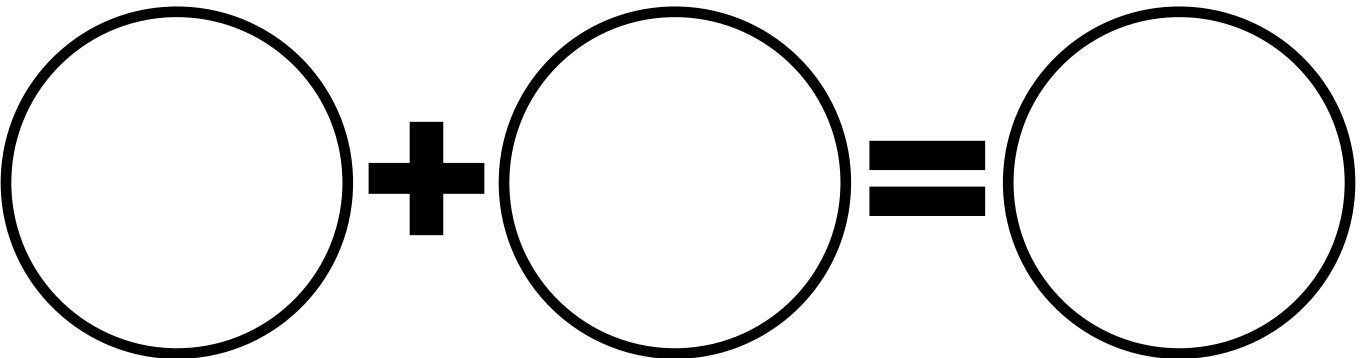
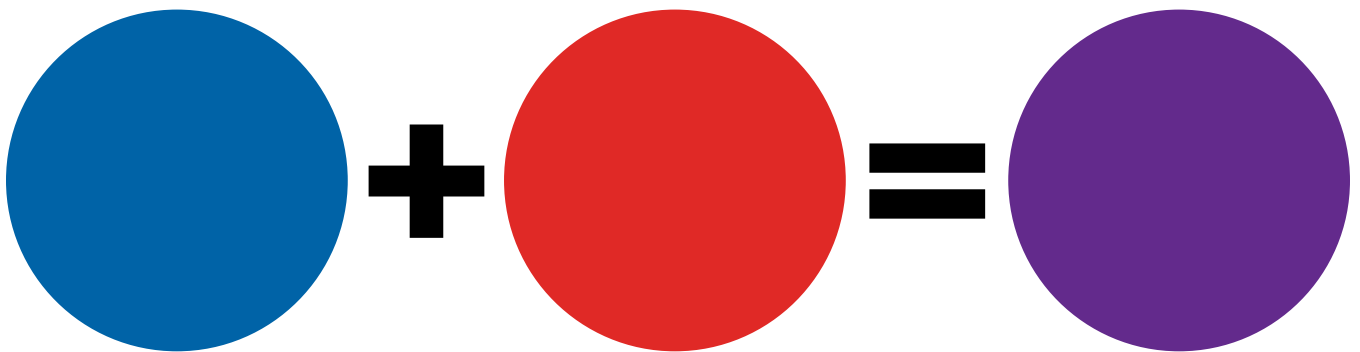
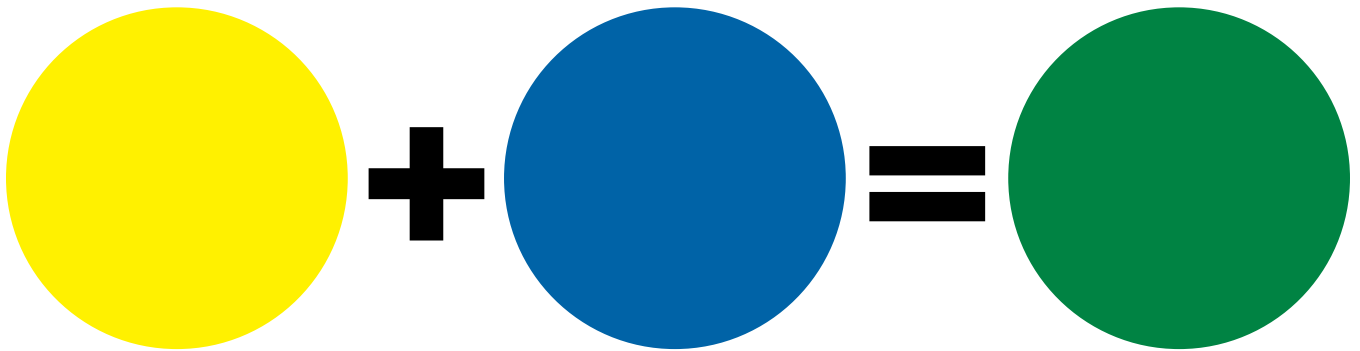
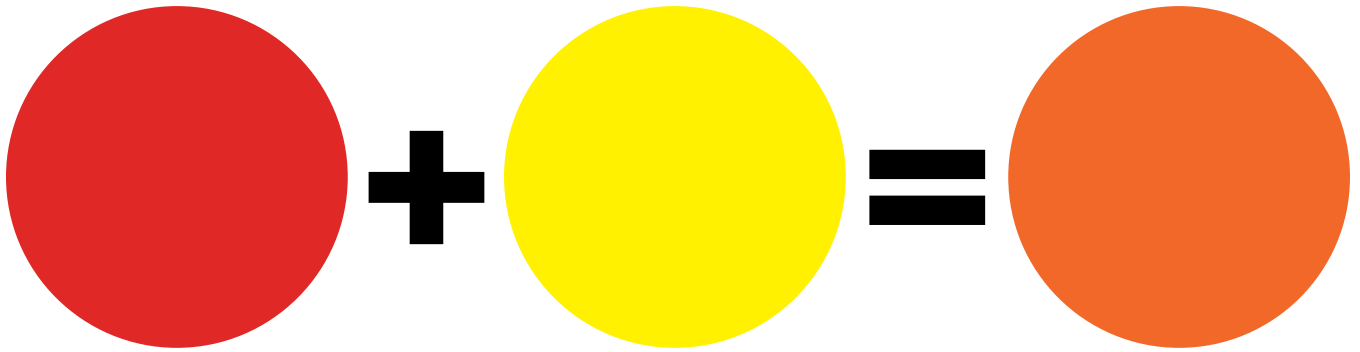
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# The Color Wheel



# Color Mixing



Choose your own colors





# Post Office

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