

# S.T.E.A.M. SENSORY KIT

## Science, Technology, Engineering, Art, and Math

This sensory kit contains books and materials to be used at home with your family. You can use the ideas listed below for guidance on how to use these items.

- Sensory Kits are available for checkout for 21 days and cannot be renewed.
- Please return this kit to the circulation desk and not in a book drop.
- Please report any missing or broken materials to a library staff member.



After using the kit at home, please complete a brief survey about your family's experience. ►



### Polished Magnets

- Magnets provide a tactile experience. Put one or two in your child's pocket to use as a fidget.
- Find things in your home that are magnetic. What properties do they have?
- Use the magnets on the refrigerator to post notes, artwork, or reminders about your daily routines.



### Magnetic Drawing Board

- Use the shapes on the board to create pictures of animals, houses, monsters, etc.
- Have your child look in the mirror and draw a self-portrait or a portrait of their grownup.
- Scribbling is a great pre-writing skill, encourage your child to let their imagination run wild!



### Wooden Beads Sequencing

- Use the enclosed cards to build sequences with the colored beads.
- Identify the shapes and colors of each of the beads. Try sorting them by color.
- String the beads or place them on the wooden holder—both exercises help build fine motor muscles.

continued ►



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LFPL's sensory kits are made possible by generous funding from WHAS Crusade for Children, the Library Advisory Commission, and the Library Foundation.



### Magnetic Blocks

- Sort and stack blocks of the same color.
- Use your imagination and create a sculpture. Talk about what inspired your design.
- Create a repeating pattern with the blocks using the different colors.



### Sand Art Bubbler

- Turn the frame over and make a prediction about how you think the sand will fall.
- Talk about what the sand design resembles. Does it remind you of anything in particular?
- Time how long it takes for the sand to reach the bottom. Do this a few times – is it always the same amount of time?



### Lock & Key Match

- Talk about the different vehicles and what they are used for. How many have you seen?
- Practice using the key to unlock the vehicle.
- Try to link and lock all of the vehicles together. Talk about the process and if it was difficult.



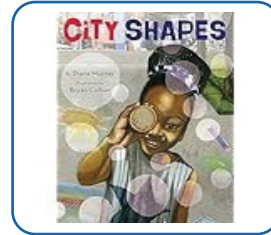
### Future Engineer by Lori Alexander

- Use these blocks or other stackable materials you have at home to engineer a tower. How tall can you make it before it falls?
- Look at outdoor constructed objects (bridges, roads, buildings, etc.) and talk about the materials used.
- Talk about tools you have around your home and how they are used.



### Fairy Science by Ashley Spires

- Use the skill of observation to study something at home (count birds you can see out the window, count the number of cars that drive by your home, etc.).
- Do the seed germination experiment shared in the book. Can you grow something from seed?



### City Shapes by Diana Murray

- Take a walk outside and look for shapes in your neighborhood. How many can you find?
- Cut shapes out of construction paper and create your own city-scape on a piece of paper.
- Use recycled materials (milk containers, cereal boxes, lids, etc.) to build a three-dimensional shape city.

Questions? Visit [LFPL.org/SensoryKit](http://LFPL.org/SensoryKit) or call (502) 574-1620.