



THEME Physical Science

VOCABULARY WORDS These words increase and improve children’s vocabulary and understanding of the text and world around them.

prediction	a statement that something might happen or is expected to happen
hypothesis	a guess about what might happen
record	to put in writing
observe	to watch closely

Book Suggestions and YouTube Recommendations:

- *What Makes a Magnet* by Franklyn Brantley
- *What Magnets Can Do (Rookie Read-About Science)* by Allan Fowler
- Learn to be a Scientist with Bill Nye/Sesame Street
<https://youtu.be/xo09RhMz5lg>
- Sesame Street-Let’s Discover Force and Motion
<https://www.sesamestreet.org/toolkits/stem/force>
- Sesame Street-Blowing Air
https://www.youtube.com/watch?v=RW2YhMKC_Nw

Ideas for At Home Activities:

Pretend & Learn	Create a treasure hunt. Fill a large box with sand and hide objects that are attracted to a magnet. Provide a magnet, a piece of paper and a pencil and instruct the students to draw pictures of what they found.
ABC/Writing/Art	Write letters and/or draw pictures using a magnetic drawing board (Magic Drawing Board, Magna Doodle).
Math	Place six objects on a table and ask your child to point to the items that a magnet will attract. Suggestion of objects might be the following items: paper clip, tack or pin, book, crayon, scissors, metal spoon, plastic spoon. Allow your child to use a magnet to test the items with a real magnet. Count the number of items that were attracted by the magnet. **Before handing out the magnet(s), discuss the safety rules:

	<p>Do not put the magnets in your mouth. Do not put the magnets on or near the computers or telephone.</p>
Sensory/Building	<p>Place two kitchen sponges, one on top of the other, inside a plastic zip lock bag. Next, place a drinking straw between the two sponges so that one end of the straw is inside the bag and the other end is outside the bag. Close the zip lock seal on the bag, you will also need to seal it with duct tape. Blow into the straw to inflate the bag. Place a pom-pom, small car, or feather on a flat surface and place the bag behind them so that the straw is positioned to blow the item. Press down hard on the sponges and watch as the air causes the item to move.</p>
Social-Emotional Activity	<p>Provide your child an opportunity to explore machines with levers, pulleys, wheels, keyboards, calculators, take apart items (such as old telephones or radios). Discuss the different types of jobs that people do that involve physical science.</p>
	<p>Read the poem “Magnets” to your child. Then read it again adding some hand movements. Ask your child to say it with you.</p> <p>“Magnets” (Author Unknown)</p> <p>I am a mighty magnet. I can be very strong. (show your muscles) But if you use me exactly right Nothing can go wrong. (shake head no) I can pick up many objects But not everything you see. I only pick up objects That will attract to me. (smack hands together) So, take me now and try me out And you will quickly see, What different kinds of things Are pushed and pulled by me! (push both hands away and then pull them toward you)</p>

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