

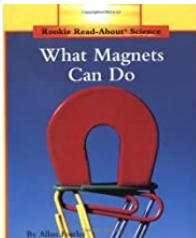


From SAIL: Systems  
Aligned In Learning

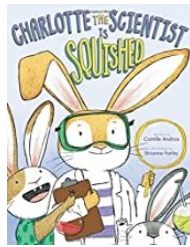
# The Be **READY** Rover Review

February, 2020 Storytime Theme: Full STEAM Ahead!

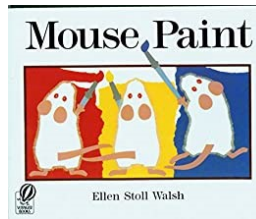
## READ



*What Magnets Can Do*  
by Allan Fowler



*Charlotte the Scientist is Squished*  
Camille Andros



*Mouse Paint*  
Ellen Stoll Walsh

## TALK SING

What is a scientist? What do scientists do?

We sang 2 action songs: “**Did You Ever See a Magnet**” (to the tune of “Did You Ever See a Lassie”), and “**Gravity**” (to the tune of “London Bridge is Falling Down”).

We experimented with **magnets** of many shapes. I asked, “What kind of things are attracted to magnets?” We “**hypothesized**” about what kind of materials are attracted to magnets. Then the children experimented with different items, touching them to magnets to see what would “stick”. Those items were grouped together and I asked, “How are these items alike? What did we learn?” We also learned what a compass is and how it works. Then we experimented with **color**. We combined cellophane shapes in primary colors on a lightbox to experiment with mixing colors. I drew a line using a washable marker on a coffee-filter then dipped it in water to see purple, orange, and green separate into the basic colors that make them up (**chromatography**).

## PLAY

Each child paper decorated one of our experiment’s wet coffee-filters using dried-up washable markers. When the filter dried, they dipped the dried-up markers in water and used them like watercolor paints.

## WRITE

### More Ideas for Magnets:

**WARNING:** Use only **LARGE** magnets that cannot be swallowed; swallowed magnets can cause **serious internal injuries**.

**TRY IT!** You can temporarily magnetize a large iron nail by keeping it in contact with 1 end of a permanent magnet. For a longer- lasting magnetism, stroke the whole nail 2 to 30 times with a permanent magnet, in the same direction, lifting the magnet at the end of each stroke.

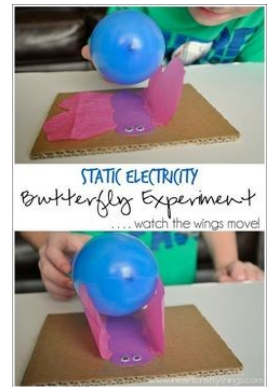
**Draw a road** on the inside of a large cardboard box lid. Show the children how to “drive” a metal toy car over the road by touching the underside of the box with a large magnet directly under the car.

Spread out magnetic letters in a large box or container. Tie a string to a large magnet and let the children “**fish**” for letters, holding the end of the string. They could line up the letters they catch in ABC order on a magnetic board or cookie sheet, or have to throw back any letters that aren’t in their name.

If there are certain kinds of books or materials you would like me to bring out to you, just call me at : **717-207-0500 ext. 1201**, or email : **mbenson@lancasterlibraries.org**

**S**—Science  
**T**—Technology  
**E**—Engineering  
**A**—Art  
**M**—Math

## EASY EXPERIMENTS



**Demonstrate static electricity;** use tissue paper for the butterfly’s wings, and rub the balloon on your hair.



**Make a cool hovercraft!** Glue a pop-top bottlecap to an old CD, blow up a balloon, attach to the the bottlecap tip, then pull the tip up and watch the CD float on air!

From Pinterest