

Alice B. Beal Elementary School



Hi, Beal Students and Families!

The schedule below will help you with your daily work. Have fun learning!

Remote Learning Lessons for Grade: Science Grade 3 Week 5	
Week of: 5/4	
	
Tasks:	Monday
Video	https://mysteryscience.com/mini-lessons/old-earth#
Questions	How old is the Earth?
Activity	<ol style="list-style-type: none">1. Watch mystery answering questions as you go.2. Watch the bonus. Answer questions as you go.3. Pick any of the different bonus activities. Take photos and post them to me on Class Dojo.<ol style="list-style-type: none">A. Make a plastic-bottle boat for your bathtub.B. Make a plastic-bottle planter or a piggy bank.C. Make an air monster.
Tasks:	Tuesday
Video	https://mysteryscience.com/forces/mystery-4/magnets-forces/45?code=MTY5OTU3MDA&t=student
Questions	What can magnets do? In this Mystery, students will explore the surprising properties of magnets and experiment with an invisible force that acts at a distance. In the activity, Magnet Discovery, students use ring magnets and common objects to discover the push and pull of magnets and how magnets attract certain types of metals.
Activity	<ol style="list-style-type: none">1. This week's lesson on forces is about the force of magnetism. Your child will spend time observing and discovering some of the basic properties of magnets!2. One fun thing you can do together with your child is to explore this printable chart featuring wonderful household uses for magnets (see link below). This reinforces this week's learning and also models how engineers or inventors think, something we're doing more frequently in science class.

	<ol style="list-style-type: none"> 3. http://thesecretyuniverse.wonderhowto.com/how-to/11-weird-and-wonderful-uses-for-magnets-0137723/ 4. Watch mystery and answer questions as you go. 5. Experiment: Do the experiment taking pictures as you go if you have the equipment. If you need to improvise please do. You need: magnetic metal items, non-magnetic metal items, non-metal items, pencil, index cards, paper clips, thread, magnets, and 2 handouts 6. Follow the mystery with the instructions of the activity. 7. Follow handout out for different magnet experiments. 8. Fill out 2nd handout for experiments. 9. Complete end-of-mystery assessment.
Tasks:	Wednesday Must Do
Video	StemScopes: Content Connections Video-Magnetism. Log onto StemScopes through the Student Applications. Go to Assignments. Click on Content Connections Video-Magnetism. Watch video and pause when it asks you questions and discuss the answers.
Questions	How do magnets work?
Activity	<ol style="list-style-type: none"> 1. Watch video answering questions as you go. 2. Answer questions using video. 3. Turn in when complete.

These are the review challenge assignments for this week. Go to STEMscopes and complete the questions on the following assignments. Let's see how many shout outs I can give this week. Send me a message when you are finished. If you think you have finished already check to make sure I have not returned anything to you.

1. Content Connections Video-Allosaurus
2. Content Connections Video-Fossils
3. Content Connections Video-What Happened Before
4. Multiple Choice Assessment from Fossils. Use the STEMscopedia from Fossils
5. Concept Attainment Quiz from Fossils. Use the STEMscopedia from Fossils

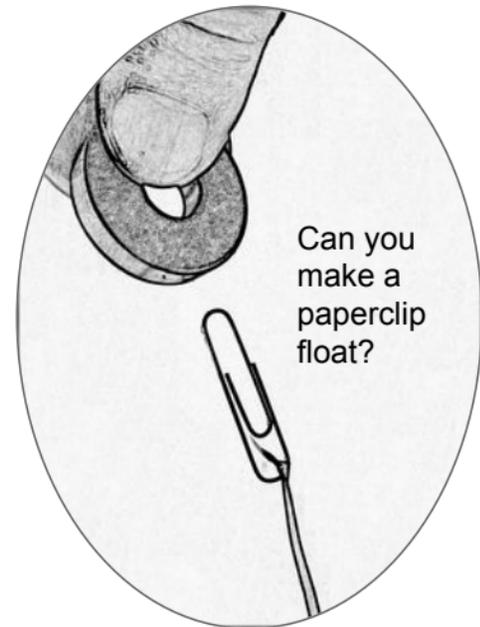
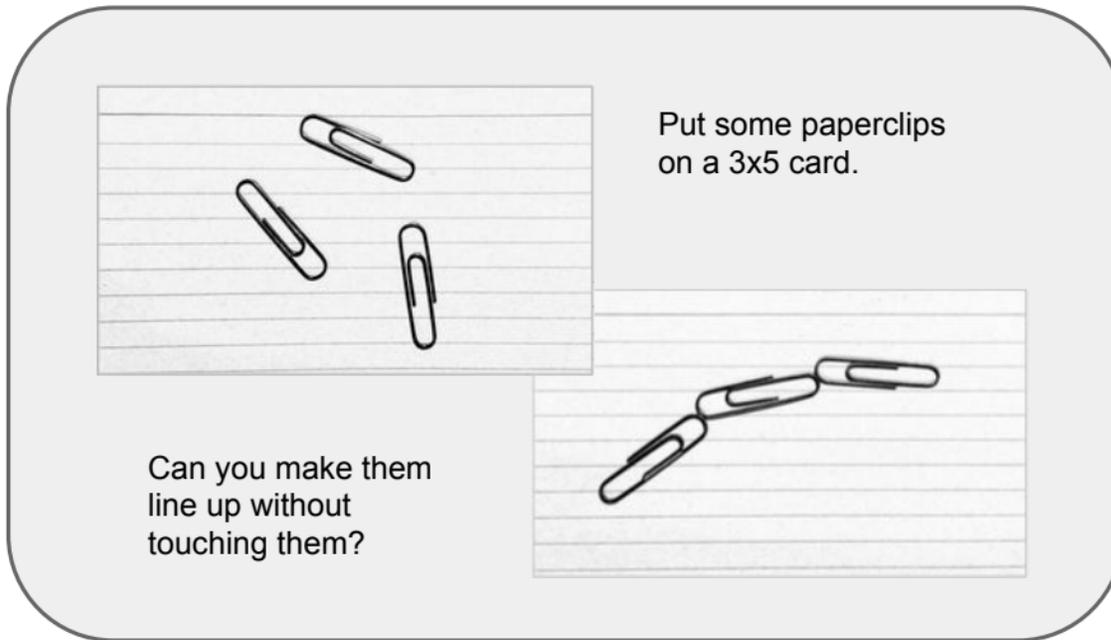
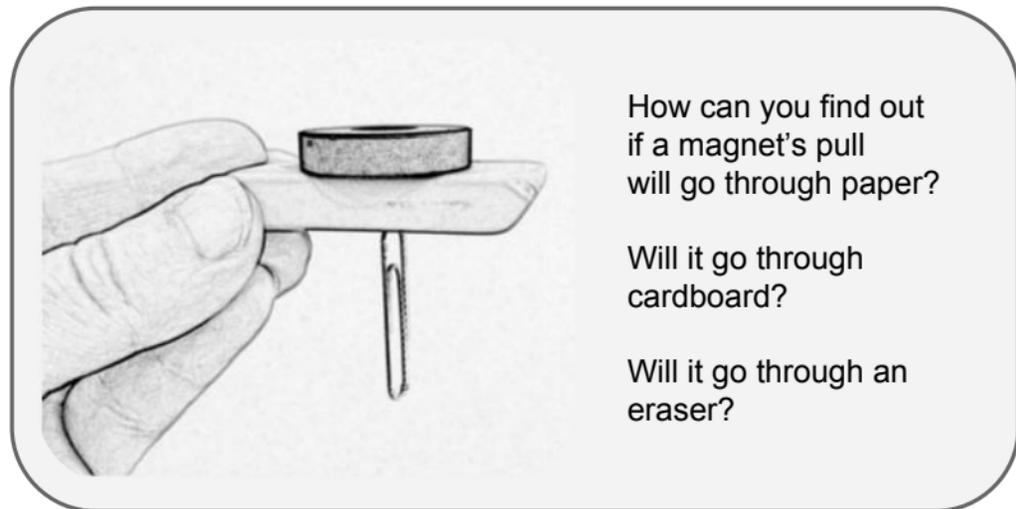
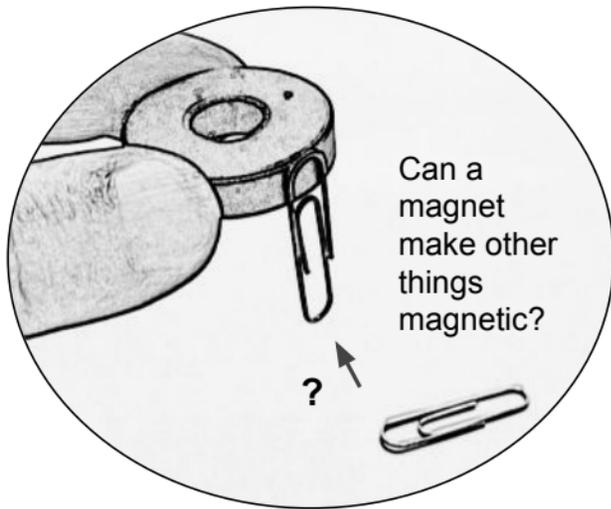
I have posted a list of websites on the bealelementary.org page. Please choose activities that your child would like to explore. Please pick an activity from the list to do with your scientist each day that you don't do an assignment. Have fun and stay curious.

Magnets Are Weird

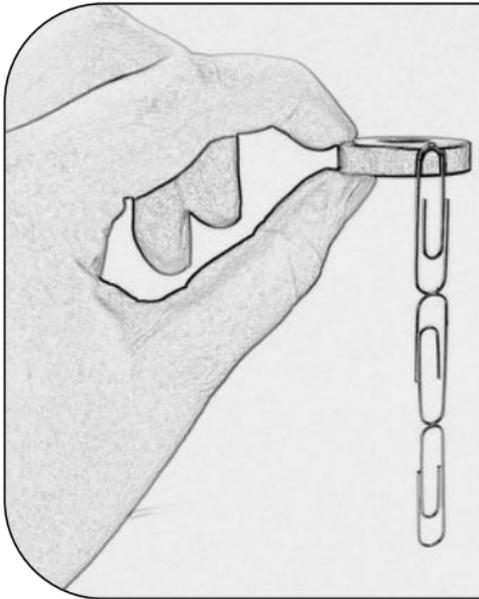
Name: _____

Questions:	My drawing of what I tried:	What happened:
<p>1. Will a magnet's pull go through paper?</p> <p>Will it go through cardboard?</p> <p>Other materials?</p>		<hr/> <hr/> <hr/> <hr/> <hr/>
<p>2. Can you make a paperclip float?</p> <p>Can you make a magnet float?</p>		<hr/> <hr/> <hr/> <hr/> <hr/>
<p>3. Write your own question:</p>		<hr/> <hr/> <hr/> <hr/> <hr/>

Ideas for Experimenters

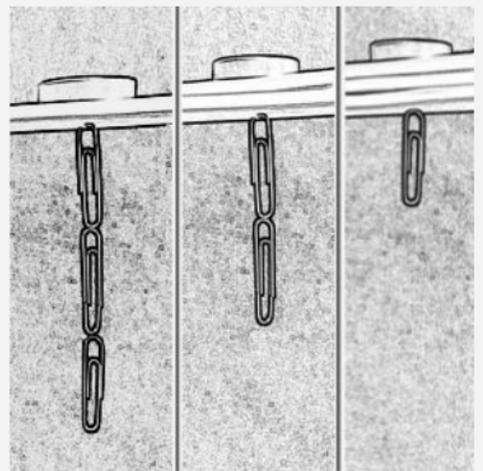


More ideas

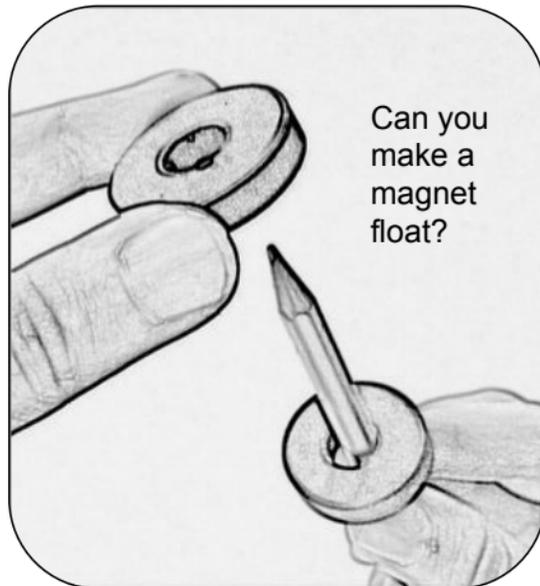


How many paperclips can you hang from a magnet?

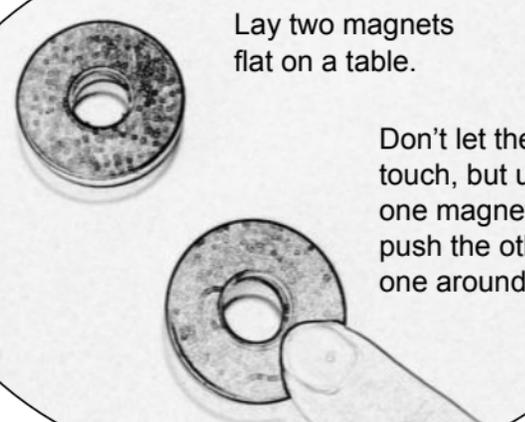
What happens if you stack up more magnets?



How can you make a magnet's pull weaker?



Can you make a magnet float?



Lay two magnets flat on a table.

Don't let them touch, but use one magnet to push the other one around.

Invisible Forces

Name: _____

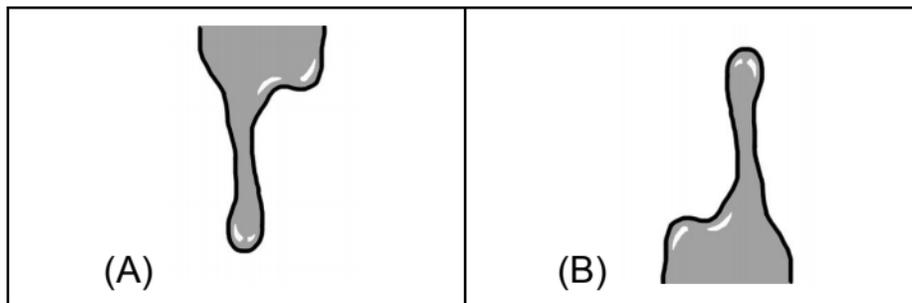
Date: _____

Mystery 4: What can magnets do?

End of Mystery Assessment

1. Do you think magnets are weird? Why or why not?

2. When you pour chocolate syrup, it falls down (like in picture A). How could you get the chocolate syrup to pour upwards (like in picture B)? Explain why you think your plan would work.



3. What invention would you make if you had a lot of magnets? Explain why you think that invention would be a good idea.
