

Alice B. Beal Elementary School

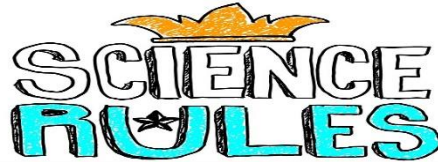


Hi, Beal Students and Families!

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

Remote Learning Lessons for Grade: **Science Grade 2** Week 5

Week of: 5/4



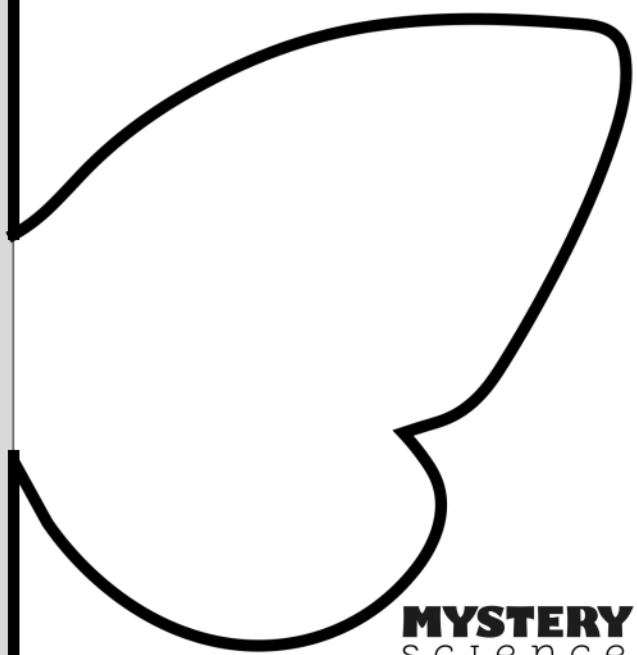
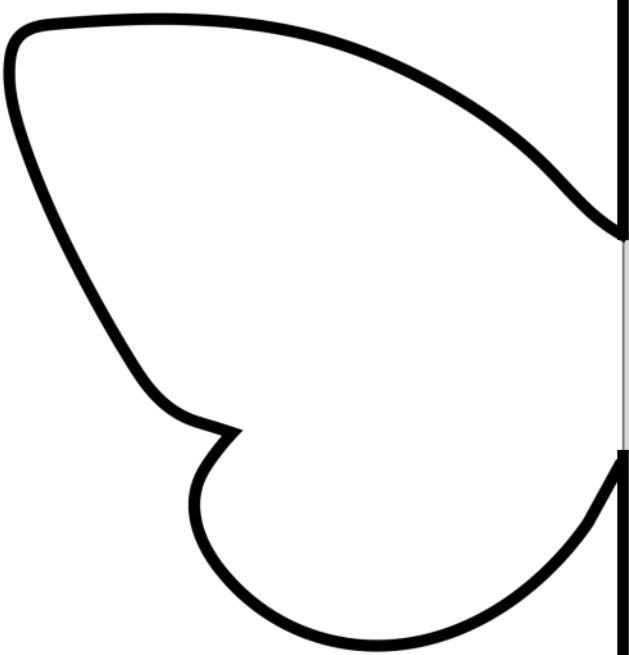
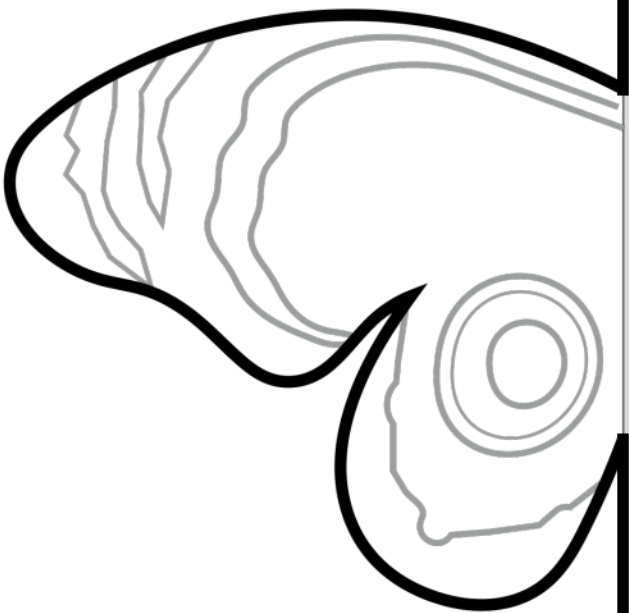
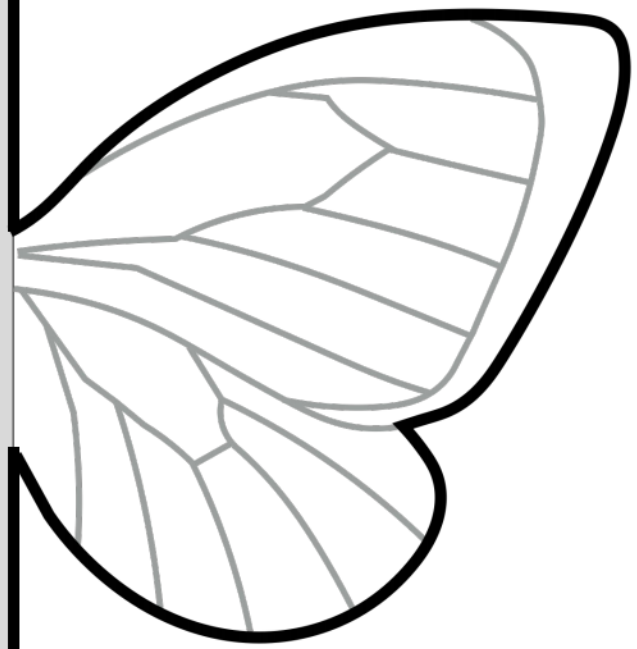
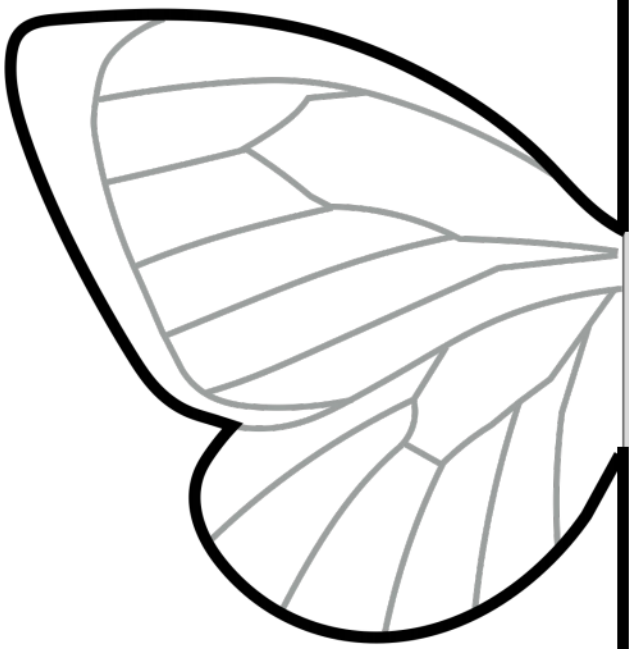
Tasks:	Monday
Video	https://mysteryscience.com/mini-lessons/butterflies?code=11912de55b2a197a99c1b5a7aaf0b233
Questions	Why are butterflies so colorful? In this mini-lesson, students discover how butterflies' colors can help them blend into their habitat or scare away predators. In the activity, Paper Butterflies, students design their own paper butterflies by choosing colors that will help the butterflies survive, then create a butterfly card for someone special.
Activity	<ol style="list-style-type: none"> 1. Today we will explore how butterflies' colors help them survive by blending into their surroundings or by scaring away predators. Students will create their own butterflies as part of a Mother's Day craft. 2. You can encourage your child's curiosity at home! Browse through this butterfly guide from the National Park Service, and ask your child to explain why some of the butterflies have the colors they do: https://www.nps.gov/samo/planyourvisit/upload/butterflyfieldguide2ismall.pdf 3. In this activity, each student makes and colors a paper butterfly and the flowers that this butterfly visits. By doing this, they'll make a beautiful card that they can give to any special person in their life. You may want to use this as a Mother's Day activity, but students write their own messages, so these cards can be for anyone special. 4. Watch mystery answering questions as you go. 5. Activity: Do the activity taking pictures as you go if you have the equipment. If you need to improvise please do. You need: colored pencils or crayons, scissors, ruler, handouts 6. Follow the mystery with the instructions of the activity.
Tasks:	Tuesday
Video	https://mysteryscience.com/materials/mystery-4/inventions-engineering/67?code=MTY5OTU3MDA&t=student

Questions	<p>What materials might be invented in the future?</p> <p>In this Mystery, students learn how new materials are invented. In the activity, Bouncy Glass Inventions, students come up with ideas for inventions that use an exciting futuristic material: glass that bounces and stretches like rubber!</p>
Activity	<ol style="list-style-type: none"> 1. This week in science we will learn how new materials are constantly being invented, and that this makes it possible to solve new problems. Here's a fun video you and your child can watch together at home, which can help to further stir your child's curiosity. It's a behind-the-scenes look at the making of the Lexus hoverboard, a new invention which we discussed in class: 2. http://safeYouTube.net/w/tUm 3. Students will learn the story of how "Post-it" notes were invented, and will learn that often new materials get invented before anyone knows exactly what problem they'll solve. We considered the question, "What materials might people invent in the future?", then came up with inventions involving a hypothetical new material, "bouncy glass." 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: handout, paper 6. Follow the mystery with the instructions of the activity. 7. Complete end-of-mystery assessment
Tasks:	Wednesday Must Do
Video	StemScopes: Reading Science B-A Snowy Day.
Questions	What is a solid?
Activity	<ol style="list-style-type: none"> 1. Log onto StemScopes through the Student Applications. 2. Go to Assignments. 3. Click on Reading Science B-A Snowy Day. 4. Read using Text-to-speech (speech bubble). 5. Answer questions using text to help. 6. Turn in when you are finished.

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. Multiple Choice Assessment using STEMscopedia from Properties and States of Matter. Use Text-to-Speech option (speech bubble)
2. Concept Attainment Quiz using STEMscopedia from Properties and States of Matter. Use Text-to-Speech option. (speech bubble)
3. Multiple Choice Assessment using STEMscopedia from Properties of Materials.
4. Concept Attainment Quiz using STEMscopedia from Properties of Materials.

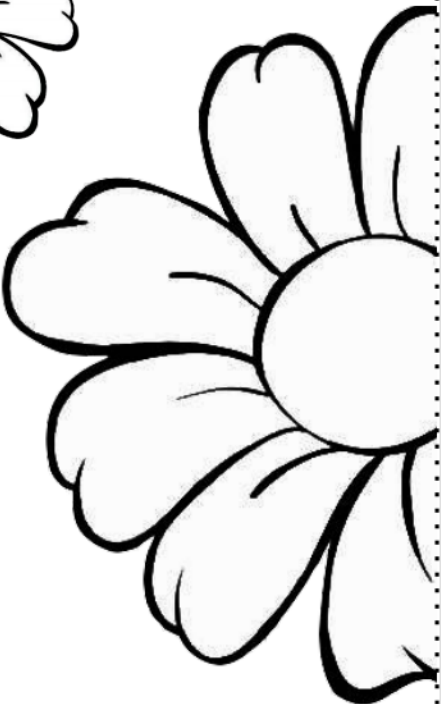
I have posted a list of websites on the bealelementary.org page. Please choose activities that your child would like to explore. Please pick an activity from the list to do with your scientist each day that you don't do an assignment. Have fun and stay curious.



MYSTERY
SCIENCE



Surprise
inside!
Open
with
care!



Name: _____

My invention is called the

It makes your life better because

Here's what it looks like:

At a low, low
price of just

\$ _____

Material Magic

Name: _____

Mystery 4: What materials might be invented in the future?

Date: _____

End of Mystery Assessment

1. What could you create using these three new materials? Describe and draw pictures of your inventions below.

kinda-sticky glue (glue that sticks but also comes off easily)	electrochromic glass (glass that changes from see-through to opaque)	superconductor (material that floats near a magnet)
I would invent:	I would invent:	I would invent:

2. Sometimes new materials combine two different properties. For example, parachutes are made out of a material that is *light* but *very strong*. What could you make by combining two of the properties below into a new material?

Circle **two materials** below.

light heavy see-through sticky
squishy stretchy slippery edible (you can eat it!)

I would create a material that is both _____ and _____.

With the material, I would invent _____