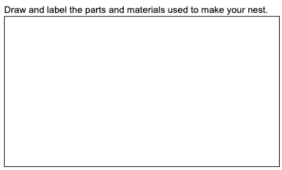


Dear Parents,

As a culminating activity to our Animals/Plants Science unit, we will be doing an engineering project. We will be having the students **plan** and **construct** (out of materials that can be found at home) a model nest and have them explain how the nest will help protect young birds. We introduced this activity today during Science. Below is the planning sheet that students will use to design their nest.

Performance Task																							
1. Identify the bird, number of eggs, size of bird, shape of nest and where the nest will be located. 2. Record the materials used in building your nest. 3. Draw and label a picture of your finished bird nest.	Name: _____ Designing a Bird Nest Plan your nest for your birds (eggs).																						
	<table border="1"> <tr> <td>Bird Name:</td> <td>Bobwhite</td> <td>Barn Owl</td> <td>Bluebird</td> </tr> <tr> <td>How many eggs?</td> <td>10</td> <td>5</td> <td>5</td> </tr> <tr> <td>Size of bird:</td> <td>small</td> <td>large</td> <td>small</td> </tr> <tr> <td>Shape of the nest:</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>Where will the nest be located?</td> <td>ground</td> <td>tree</td> <td>building</td> </tr> </table>	Bird Name:	Bobwhite	Barn Owl	Bluebird	How many eggs?	10	5	5	Size of bird:	small	large	small	Shape of the nest:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Where will the nest be located?	ground	tree	building	Materials Used: _____ Draw and label the parts and materials used to make your nest.	
	Bird Name:	Bobwhite	Barn Owl	Bluebird																			
How many eggs?	10	5	5																				
Size of bird:	small	large	small																				
Shape of the nest:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>																				
Where will the nest be located?	ground	tree	building																				
																							

Here are some examples of what students have completed for this project in the past.



Here is a copy of the [follow up sheet](#). Students will also get a copy in their take home folders. Students will complete this form and turn it in on Wednesday, March 30th.

[Here is a helpful video about a bird's nest.](#)

As students will be **BUILDING/CONSTRUCTING** their model bird's nests at **HOME**, here is a list of possible materials that can be used.

Material Ideas for Building at Home:

Material Ideas:

For the Eggs - playdoh, clay, plastic eggs, marbles, play kitchen eggs, golf balls, ping pong balls

For the Nest - straw, grass, popsicle sticks, Scrap pieces of cloth, String or yarn, Paper cups, Rubber bands, foil, plastic straws, Chenille sticks, Cardboard boxes (any size, from shoe boxes to Amazon), Scrap Paper, Markers, Scissors, Glue, Tape

Students will create a Flipgrid to share their bird's nests. They will use the following link to the Flipgrid website, where they will make a video that is 2 minutes or less, explaining how they constructed their bird's nest and how their nest protects baby birds. A video by Mrs. Ladd follows the class link to Flipgrid and shows how to use Flipgrid:

Your Teacher's Class Link to Flipgrid:

Video showing how to use Flipgrid: [Instruction Video](#)

Students will need to finish their videos by **Wednesday, March 30th** using the form as a guide. They will present them in class during the next few days after the due date. Here are some questions to think about:

- 1) What materials did you use?
- 2) Why did you choose those materials?
- 3) How does your nest protect baby birds?

We hope that you and your child have fun completing this final project. If you have any questions about this assignment please feel free to email us.

Thanks so much!

The First Grade Teachers