

Student Name _____ Homeroom Teacher _____

NTI Day 12

Special Area -STEM Lab K - 2

You may access this lesson electronically from the following webpages:

Special Area - <http://cgesspecialarea.weebly.com/>

STEM Lab - <http://cgesstem.weebly.com/>

NGSS: K-2-ETS1-2	Learning Target: I am designing a bird's nest that has the right shape and size for a bird.
Challenge:	<ul style="list-style-type: none">• Design a bird's nest with a shape and size that will safely hold three eggs and allow a bird to sit on it.
Criteria/Constraints:	<ul style="list-style-type: none">• Nest should hold three eggs and bird should be able to sit on it• Nest should fit the bird it is designed for; large birds would need a large nest to hold their eggs and small birds would need a small nest to hold their eggs
Choose one way to show your design:	<ul style="list-style-type: none">• Bird nest design may be a drawing on the back of this paper• Use crayons to color the nest• Make a list of recycled materials from home you would use if you were going to make the nest - paper, straws, sticks, toilet paper rolls, newspaper, yarn, string, etc. <p style="text-align: center;">OR</p> <ul style="list-style-type: none">• Bird nest design may be a model made from recycled materials you have at home - paper, straws, sticks, toilet paper rolls, newspaper, yarn, string, grass, straw, etc.• Try using a tool similar to a bird's beak to weave the nest - tweezers, spring clothespin, pliers, chop sticks, etc.• Take your nest outside and put it in a tree; make observations during the next few days to see if a real bird sits on your nest
Reflection:	<p>Write your answer below or on the Google form on the STEM Lab webpage. Pictures of your drawing or model may be uploaded on the Google form also.</p> <ul style="list-style-type: none">• Tell the name of the bird you designed the nest for• How does the size and shape of the nest help it hold the eggs safely?• How does the size and shape of the nest allow the bird sit on it safely?
