

Student Name _____ Homeroom Teacher _____

NTI Day 27

Special Area -STEM Lab K - 2nd

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 bubble wand from materials that will work the best for the handle and loop.
Challenge	Design a bubble wand that will make bubbles.
Criteria/Constraints	<ul style="list-style-type: none">• Bubble wand should have a handle and loop section• Be able to dip the loop section in bubble solution• Bubble wand should be made from recycle materials you have at home - rubber bands, string, sticks, straws, paper clips, twist ties, yarn, plastic lids, wire, cereal box cardboard, paper, pipe cleaners, pony tail holders, toilet paper rolls, cups, other items you have at home.• Be creative
Choose one way to show your design:	<ul style="list-style-type: none">• Bubble wand design may be a drawing of your idea on the other side of this paper or a different piece of paper• Color the drawing• Label the drawing with the materials you would use if you were going to make the bubble wand from recycled materials at home <p style="text-align: center;">OR</p> <ul style="list-style-type: none">• Bubble wand design may be a model of your idea made with recycled materials you have at home• Optional: Test the bubble wand. Use bubble solution you already have or make your own bubble solution and try the bubble wand Homemade bubble solution - mix 2 cups warm water, 1/3 cup dish soap and 1/4 cup corn syrup in a container. Put the lid on it and let it sit overnight. Try it tomorrow and see what kind of bubbles you can make with your bubble wand.
Reflection	<p>You may complete your answer to the reflection on paper or on the response form for NTI Day 27 on the Special Area web page.</p> <p>Remember to turn in your drawing or photo of your model.</p> <ul style="list-style-type: none">• Why did you choose the materials for the handle in your design?• Why did you choose the materials for the loop in your design?
