Student Name _____ Homeroom Teacher_____

NTI Day 26

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-ETS1-1	Learning Target: I am making observations of materials to find which ones have the best properties for a handle and loop on a bubble wand.
Read with a Partner	People have been blowing bubbles for hundreds of years. But not that long ago, you couldn't buy bubbles or bubble wands in stores the way we can today. The bubble solution and bubble blowers we use today were designed by engineers who work for toy companies. For today's STEM lesson you will look at materials you have a home to see which ones have the right properties for making a bubble wand. For tomorrow's lesson you will design a bubble wand.
Think About	A bubble wand has two parts. The handle and the loop that is dipped into the bubble solution. Think about the properties for a material that would make a good handle for a bubble wand- should it be long, short, stiff, flexible, round, square, heavy, light, straight, curved, etc. Would the loop have the same properties or different ones? Look for recycle materials that you have at home that have the right properties for a handle and loop? Some materials you might consider are 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.
Reflection	Write your answer below or on the Response Form on the Special Area webpage for NTI Day 26. • What properties should a bubble wand handle have? • What properties should the loop of a bubble wand have?

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