



## DAY 3 of STEAM for our Gingerbread House friends.



We are loving the things you are sharing! SMART KIDS! AMAZING PARENTS! Keep it up!

**Tip for day three:** I'm trying to give you a few questions to ask when I write up the lessons. Asking, explaining, and clarifying is very important with these lessons. Give kids a chance to ask things, too. Many times I get out my phone to look up an answer that a student asked. They are smart and full of questions. Sometimes we rush and forget to let those questions happen. Sometimes we understand the concept so well that we forget to explain to them the how and why. Children will learn vocabulary, pronunciation, and conversation skills by you talking to them and letting them talk to you. -Tammi

**SCIENCE:** Bubble time! Needed: dish soap and water (if you are the house that has everything you can also use glycerin). Get 3 or 4 bowls (buckets, cups, or pans work). Do this outside! Let children add water in each container (just a few cups). Then they will add soap using a measuring device (doesn't matter if it's a measuring cup or just a tablespoon) each container gets a little more soap than the last. Keep track of which container has the most soap and which has the least. Do predictions, which one will make the best bubbles? If you have bubble wands you can use them. Wand ideas: pipe cleaners, Dixie cup with bottom cut out, and my favorite cut the bottom out of a water bottle put a sock over the now open bottom, dip it in bubble solution and blow through the side you drink from, this will make bubble snakes. Who can make the biggest bubble? Who can pop the most bubbles?



**TECHNOLOGY:** Remember that technology for preschoolers is a tool that helps us solve problems or enhance learning – it doesn't have to be something on a screen. Say cheese! For this activity you will have to trust your little one with a digital camera or a camera phone. The perspective of the photographer is amazing! Walk around the neighborhood or your yard. Let your child snap pictures of what they think looks pretty, amazing, or interesting. The best part will be letting them explain why they took the picture. Please share a picture on our Facebook page! You can also turn this into a scavenger hunt! Take one picture of something tall, take one picture of something green, take one picture of something hard . . . .

**ENGINEERING:** You will need a cup of water and small objects that will sink in the cup of water. Paperclips work great, but so do marbles, coins, or small rocks. Fill the cup almost to the top with water. Let the children guess how many objects they can add to the cup before it spills over. Make sure each object is dropped in slowly and close to the cup to avoid splashes. Watch the water bulge over the top of the glass. This is called surface tension, when drops of water stick to each other. Once the surface tension is broken the water will spill over the top. You can try it again with a different item to see if you needed more or less items to make the water spill. For younger kids, you can turn this into a magic trick. “I can make the water spill without touching the cup!”



**ART:** One of our teachers, Mrs. O’Flynn, has started to spread some smiley faces around her neighborhood (with the help of her two girls). They have been using sidewalk chalk and drawing smiley faces to spread happiness. Let your children use chalk to decorate your sidewalk and driveway. FYI – if you don’t have chalk, use a bucket of water and paint brushes. The beautiful picture will dry and disappear but then they can start over!

**MATH:** Play a board game, any game where counting is needed! Here is a Pete The Cat game you can play, too. Have the student cover the buttons that “rolled” away and count what is left. If you have buttons kids can make their own Pete button scenarios. (Pete game in on next page.)

**Some extra fun:**

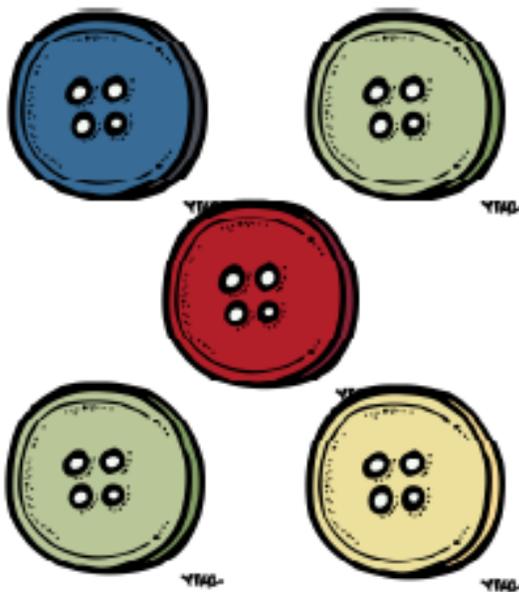
Learn about this animal: Narwhal (use the internet)

Try this website. <https://musiclab.chromeexperiments.com> Kids can have fun making music and seeing sound waves! Mrs. Gubbels had a lot of fun playing on this site.

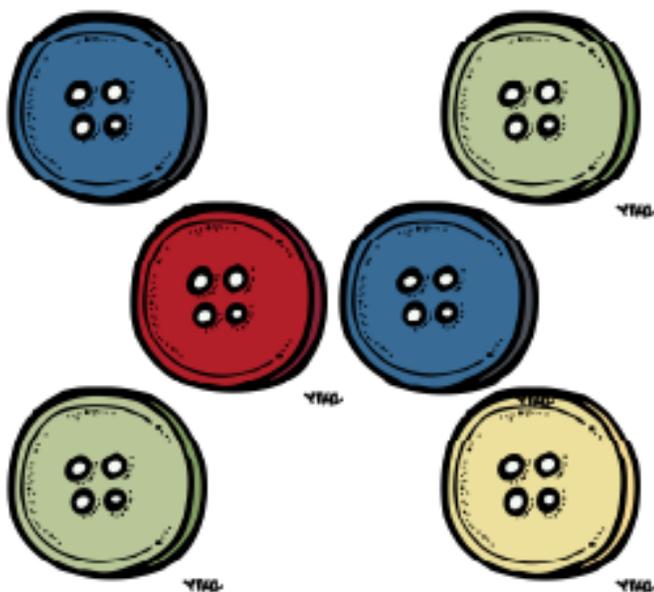
Print and trace the letter “N”. This is the letter of the week! Our pre-k and 4/5 Day students do a new letter every week. Let kids find items in the house or outside that start with the letter “N”.

Joke of the day: What do you get when you cross a T-Rex with fireworks? DINO-MITE

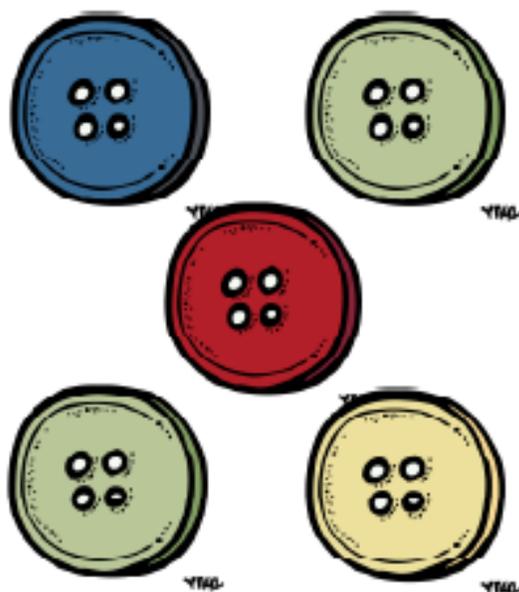
Pete the Cat has 5 groovy buttons. POP! 3 rolled away. How many buttons are left?



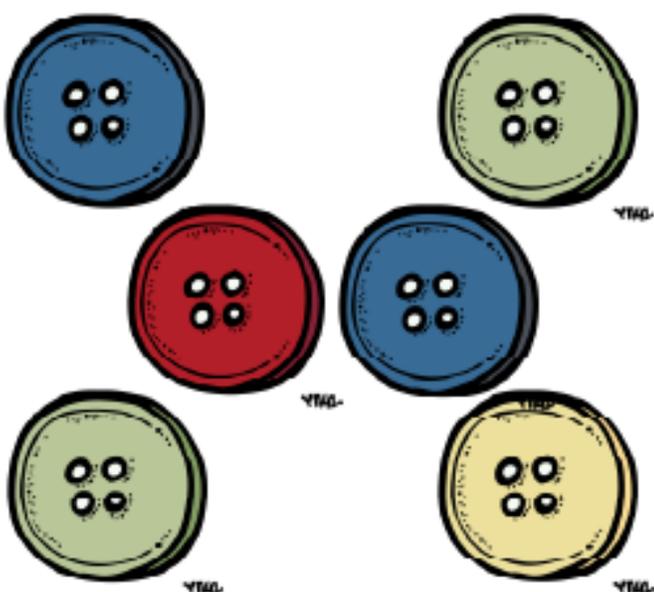
Pete the Cat has 6 groovy buttons. POP! 4 rolled away. How many buttons are left?

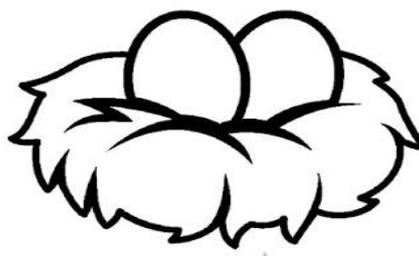
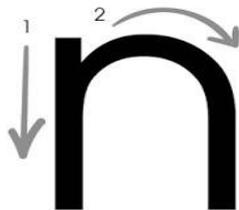
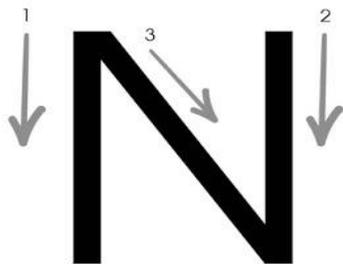


Pete the Cat has 5 groovy buttons. POP! 2 rolled away. How many buttons are left?



Pete the Cat has 6 groovy buttons. POP! 3 rolled away. How many buttons are left?





Nest

