Technology, STEM and Preschoolers

If we teach today as we taught yesterday, we rob our children of tomorrow.

- John Dewey
• Kindergarten and Preschool registration is coming up. You must register your child for Kindergarten.

• If you know anyone that would benefit from our Preschool program, please let them know about us.

• Preschool final assessments are coming up. No school, just assessments by appointment. Please review with your child the GVCs that they haven’t passed off yet.

• Graduation programs

• Last day of Preschool
what should a preschooler be able to do by the end of the school year?

- Enjoy coming to school and follow classroom routines
- Recognize and name basic colors
- Recognize and name basic shapes
- Listen to and follow directions
- Stay focused for 10 minutes
- Understand concepts of print
- Cut a straight line and a circle
- Write their name the correct way
- Work and play collaboratively with others
- Ask and answer "why" questions
- Recognize, name, write and count numbers 0-10
- Name all capital/lowercase letters
- Tell what sound all letters make
NAEYC’s Position Statement

• When used intentionally and appropriately, technology and interactive media are effective tools to support learning and development.

• Intentional use requires early childhood teachers, administrators, [AND PARENTS] to have information and resources regarding the nature of these tools and the implications of their use with children.

• Limitations on the use of technology and media are important.

• Special considerations must be given to the use of technology with infants and toddlers.
Technology Tips

5 EASY SCREEN TIME TIPS FOR YOUNG KIDS
Junk Food Advertising and Kids

1. Avoid the ads.
2. Identify ads.
3. Talk about star factor.

common sense.org™
Activities

1. Go around and complete the activities #1-6.
2. Support and play with your child, but *don’t* do the activity for them.
3. After you have completed the activity, have your child mark off the correct number on the punch card.
4. Once all of the activities have been completed, turn in your card to receive a prize!
# 1 Plastic Egg Tower

You will need:
- Plastic Eggs
- Play-Doh
- Simple Tape Measure

1. Show children how to connect the eggs using playdough
2. Encourage them to build 3 dimensional structures.
3. Measure how tall the structure is before deconstructing it!
#2 Jelly Bean Structures

You will need:
- Jelly Beans
- Toothpicks
- Books

1. Show children how to connect the jelly beans with toothpicks.
2. Encourage them to build strong 3D structures.
3. Talk about the shapes they are making (triangles, squares, rectangles, etc.)
4. Place 1 book at a time on top of your structure. How many books can it hold?
#3 Egg Towers

You will need:

- Plastic eggs

1. Split the eggs in half.
2. Parent-child challenge - who can build the tallest tower?
3. As you stack the eggs, count them to see how tall your tower is before it falls down.
You will need:
• Plastic eggs
• Water in a bin
• Various materials

1. What will make an egg sink or float?
2. Put an empty egg in the water. Does it sink or float?
3. Put various materials inside the eggs and guess whether they will sink or float.
#5 IPad Apps/Websites

Go and play a game on one of the iPads or little computers.
Go and play the color game with the Bee Bots.