

### Technology, STEM and Preschoolers

lf we teach today as we taught yesterday, we rob our children of tomorrow. -John Dewey



## Information

- 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

# GVC

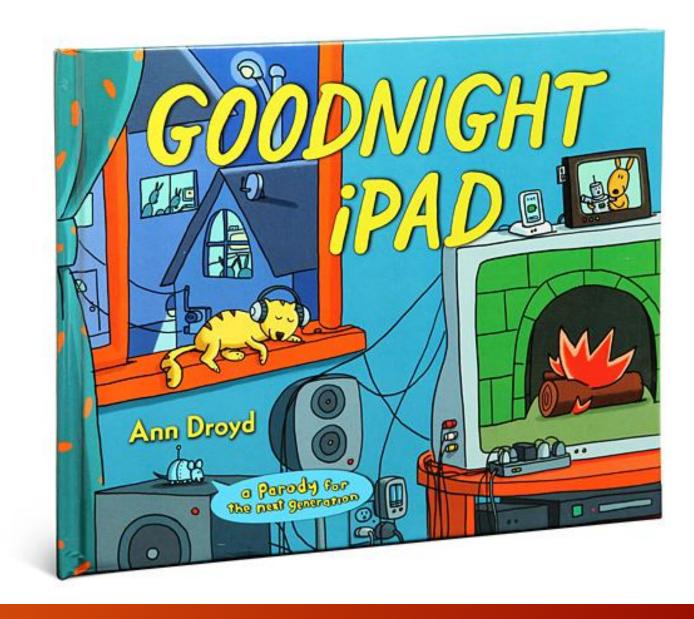
#### what should a preschooler be able to do by the end of the school year?

- 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 "wh" questions
- □ Recognize, name, write and count numbers 0-10
- Name all capital/lowercase letters
- Tell what sound all letters make



Washington County School District

Guaranteed Viable Curriculum



#### 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



## Activities

- I. Go around and complete the activities # I-6.
- Support and play with your child, but <u>don't</u> 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!

### # | Plastic Egg Tower

#### You will need:

- Plastic Eggs
- Play-Doh
- Simple Tape Measure



 Show children how to connect the eggs using playdough
 Encourage them to build 3 dimensional structures.
 Modsupe how tall the structure is before

3. Measure how tall the structure is before deconstructing it!

### #2 Jelly Bean Structures

#### You will need:

- Jelly Beans
- Toothpicks
- Books

I. 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 I book at a time on top of your structure. How many books can it hold?



### #3 Egg Towers

- You will need:
- Plastic eggs
- I. 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.



### #4 eggs- Sink or float?

#### You will need:

- Plastic eggs
- Water in a bin
- Various materials
- I. 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.



#### #6 Bee Bots

#### Go and play the color game with the Bee Bots.

