

Count with me – *Chicka, Chicka 1-2-3*

Connecting to the Virginia Mathematics Foundation Blocks:

Number and Number Sense

- 📖 Based on the Virginia Foundation Blocks:
 - “The child will count with understanding and use numbers to tell how many, describe order, and compare.
 - The child will use ordinal numbers (first through fifth) when describing the position of objects or groups of children in a sequence.
 - The child will develop questions based upon observation skills.
 - The child will develop fine motor skills.”

Connecting to the Early Childhood Environmental Rating Scale (ECERS):

Math/Number:

- 📖 Based on *All about ECERS*, this activity provides developmentally-appropriate materials and activities (becoming familiar with written numbers, counting) (pp. 267-268).

Connecting to the Classroom Assessment Scoring System (CLASS):

Quality of Feedback:

- 📖 Based on *All about CLASS*, this activity provides strategies for analyzing thought processes by asking students to explain reasoning (p. 69).

Time Needed

- 📖 This lesson should take no longer than 10 – 20 minutes total.
- 📖 Complete the **Engage** and **Explore** portion of this lesson first.
- 📖 Complete the **Explain** and **Elaborate** portion of this lesson second.

Fillin' The Noggin



Math across the curriculum and throughout life

Math is often treated as a one-dimensional subject that is separate from other subjects taught in school. Unfortunately, this is a common (sometimes unconscious) perspective among adults, including preschool teachers and parents. As a result, many preschoolers come to view math as something that has no connection to other school activities or to their daily lives. Adults can correct this kind of “disconnect” by:

- Becoming more aware of how math is part of their personal and professional lives;
- Blending math instruction with other subjects (e.g., reading a story that involves counting in some way);
- Broadening the teaching of math to include activities at home and in the community (Stanberry, 2013, retrieved from www.getreadytoread.org).

Gettin' Ready



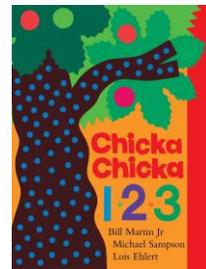
- 📖 (1) brown paper bag per student
- 📖 Sharpie maker
- 📖 (1) piece of card stock per student (laminated)
- 📖 Objects to count with and sort (this could change seasonally)
 - Examples include: September/October – Pumpkin Seeds, November/December – Acorns, January/February – Rocks, March/April – Bulbs, May/June – Seashells

Here We Go...



Engage

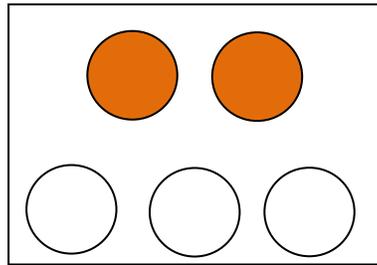
- 📖 Read the book *Chicka Chicka 1-2-3* by Bill Martin and Michael Sampson



Explore

📖 Activity One – Grouping Items Into Sets

- Provide children with their own cardstock, which has 5 circles already on it. Two of the circles will be highlighted in yellow.
- Each child will have a total of 15 objects to sort. The first time they need to evenly group their objects into the 3 white circles only. You want them to put 5 objects in each circle.
- Next, have the students group all 15 objects in 5 circles. You want them to put 3 objects in each circle.
- You will be amazed how quickly 4 year-olds can figure this skill out!
- Leave this activity in a center. You can increase or decrease the number of circles based on your children's needs.



📖 Activity Two – Paper Bag Tree

- Provide each child one paper bag.
- Using a ruler or straight edge, draw lines to create 5 spaces on one side.
- Label numbers 1 – 5 on the front side of the bag – one number per space, at the top of the bag (see below).
- Cut on the lines then turn the bag over and label 6 – 10.
- Grab the bottom and twist to make the trunk of the tree.
- Twist each branch to see the numbers.
- Have the child visually identify and count the 10 branches.



Explain

- 📖 Talk to the children about how we use numbers every day. In preschool, math learning is focused on counting, number recognition, and one-to-one correspondence. Preschoolers need to practice with fun and age-appropriate techniques that will make exploring their math milestones as easy as 1, 2, 3! Hands-on lessons are the best way for any preschooler to retain the information he/she is learning in an engaging way. We know they can count to ten...now let's see if they can visually recognize numbers 1 – 10.
- 📖 Also, sorting and classifying objects helps children notice how items are alike and different, creating awareness that is vital for math learning. This lesson will allow students to sort, group, and count. The materials used can be changed to make the center activity fun and seasonal.

Elaborate

- 📖 Give the children different groups of objects and have them sort them for additional activities. For example, they can all take off their shoes, throw them into one big pile then sort them by different attributes. Group the shoes by color, style (sneaker, not sneaker), girls vs. boys, laces vs. no laces, etc. Count how many shoes total; count how many pairs of shoes; who has more shoes-the boys or the girls? Lastly, have the children compare and contrast the shoes. How are the shoes the same? How are the shoes different?

Connectin' With Bookworm – Other Great Preschool Math Books



- 📖 B. Martin & M.Sampson. *Chicka Chicka 1~2~3*. 2010. Simon & Schuster Books For Young Readers.
- 📖 S. Aker. Illus. B. Karlin. *What comes in 2's, 3's, & 4's?* 1992. Aladdin.
- 📖 D.A. Carter. *How many bugs in a box?* 2006. Little Simon.
- 📖 P. Giganti. Illus. D. Crews. *Each orange had 8 slices: A counting book*. 1999. HarperCollins Publishers.
- 📖 L. Leuck. Illus. C. Vulliamy. *My baby brother has ten tiny toes*. 1999. Whitman, Albert & Company.
- 📖 A. Wallwork. *No dodos: A counting book of endangered animals*. 1993. Scholastic, Inc.