

## Math Activities

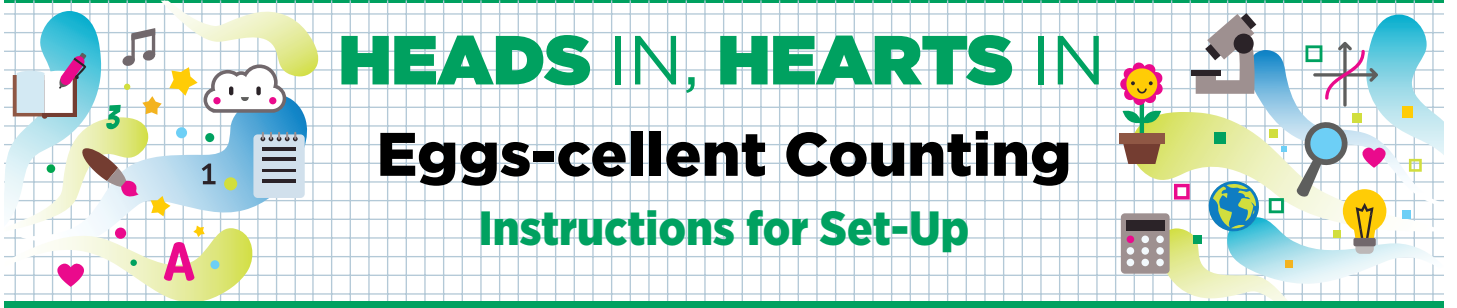
The Heads In, Hearts In family enrichment program encourages families to use their minds (putting their “heads in”) as a tool to expand their knowledge around a variety of topic areas. By creating a shared educational experience, the family unit will work, grow and learn together, putting their “hearts in” to the process.

**This unit contains the following:**

- ▶ 3D Shapes
- ▶ Eggs-cellent Counting
- ▶ Guess Which Shape
- ▶ Gumball Equations
- ▶ Hungry Hedgehogs
- ▶ Marshmallow Structures
- ▶ Measure a Room
- ▶ Measurement Equivalents
- ▶ Measuring Liquids
- ▶ Photo-Graph
- ▶ Pie Die
- ▶ Skippy Clippy
- ▶ Spinner Math
- ▶ Stories Math
- ▶ Time: Before and After
- ▶ Twisting Place Values



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# HEADS IN, HEARTS IN

## Eggs-cellent Counting

### Instructions for Set-Up

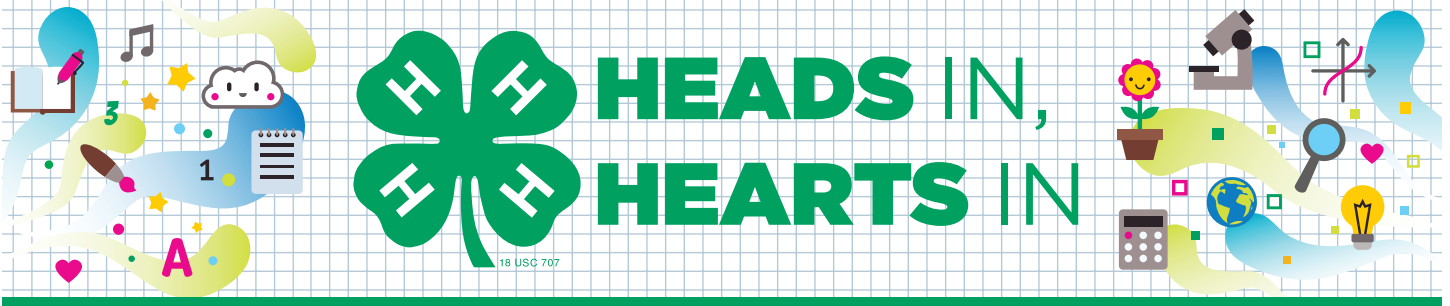
#### Supplies

- “Guide for Families” handout
- Clear plastic standup display (optional)
- Egg carton
- Marker
- Several small items such as buttons, cereal, pompoms, pasta or dry beans
- “Eggs-cellent Counting” handout (1 for each participant or family)
- Display table

#### Activity Preparation

- ▶ Purchase or locate items on the supply list.
- ▶ Print one copy of the “Guide for Families” handout. Laminate or place in a clear plastic standup display to allow participants to see it more readily.
- ▶ Print one copy of the “Eggs-cellent Counting” handout for each participant or family.
- ▶ Using the marker, write the numbers 1 through 12 on the inside of each egg carton, one number per well.
- ▶ Set up the display table and arrange needed supplies.





# Eggs-cellent Counting

## Guide for Families

### Learning Objectives

#### What you need to know:

**Number recognition** is knowing and being able to identify and name numbers (1, 2, 3, 4 and so on.). **One-to-one correspondence** is matching each object when counting with only one number name (when counting 3 squares, counting “1, 2, 3” instead of “1, 2, 3, 4, 5”). **Cardinality** is knowing how many items are in a set when counting and understanding that the last number you say is how much or how many are in the whole group (“1 fish, 2 fish, 3 fish, 4 fish. There are four fish total!”).

#### What you will do and learn:

In this activity, you will count small items and place them in the space on an egg carton with the matching written number.

### Instructions

1. Choose a number that is written in the well of an egg carton.
2. Say that number out loud.
3. Look at the small items such as buttons, cereal, pompoms, pasta or dry beans.
4. Pick up the small items and place the number of items into the well of the egg carton that corresponds with the number you chose.
5. Now pick a new number, saying the number out loud and fill the well with the corresponding number of items.
6. Using the “Eggs-cellent Counting” handout, practice counting items at home.

#### Adaptations:

- Use tongs to pick up small items and place them in the well.
- For older learners, take two items and place them in the egg carton. Close the lid. Shake the egg carton. When you open the egg carton, ask the learners to add or subtract the two numbers that have the items in them. For an extra challenge, use three items to scramble and add or subtract.

# Eggs-cellent Counting

## Eggs-cellent Counting Handout



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