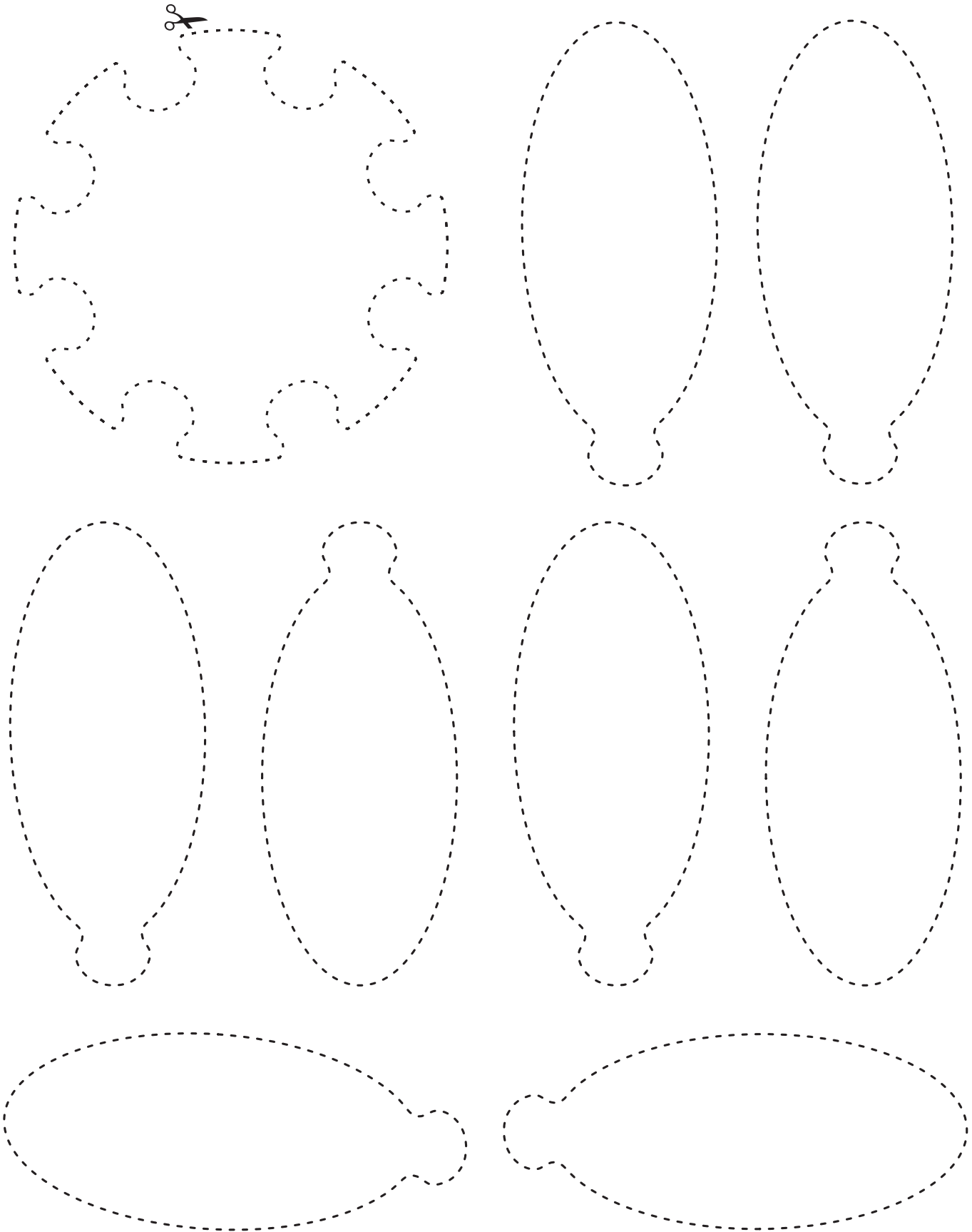


# Make-Your-Own Daisy Puzzle



## Daisy Puzzles Set - Number Sense 0–10

### This Really Good Stuff® product includes:

- 11 *Daisy-Center Pieces*
- 96 *Petal Pieces*
- *Zippered Storage Bag*
- This Really Good Stuff® Activity Guide

Congratulations on your purchase of this Really Good Stuff® **Daisy Puzzles Set - Number Sense 0–10**—interactive, self-checking daisy-shaped puzzles that are the perfect venue for students to practice number sense for 0–10.

### Meeting Common Core State Standards

This Really Good Stuff® **Daisy Puzzles Set - Number Sense 0–10** is aligned with the following Common Core State Standards for Mathematics:

#### Counting and Cardinality

##### Grade K Overview

- Count to tell the number of objects.

**K.CC.B.4** Understand the relationship between numbers and quantities; connect counting to cardinality.

**K.CC.B.4a** When counting objects, say the number names in the standard order, pairing each object with one and only one number name and each number name with one and only one object.

**K.CC.B.4b** Understand that the last number name said tells the number of objects counted. The number of objects is the same regardless of their arrangement or the order in which they were counted.

**K.CC.B.4c** Understand that each successive number name refers to a quantity that is one larger.

**K.CC.B.5** Count to answer “how many?” questions about as many as 20 things arranged in a line, a rectangular array, or a circle, or as many as 10 things in a scattered configuration; given a number from 1–20, count out that many objects.

### Preparing the Daisy Puzzles Set - Number Sense 0–10

Before introducing the **Daisy Puzzles Set - Number Sense 0–10**, make copies of this Really Good Stuff® Activity Guide, cut apart the reproducibles, and file the pages for future use. Or, download another copy from our Web site at [www.reallygoodstuff.com](http://www.reallygoodstuff.com). Display the *Puzzles Set* where students can interact with it easily. Store the *Puzzles* in the *Zippered Storage Bag* when not in use.

### Introducing the Daisy Puzzles Set - Number Sense 0–10

Gather students near a board and around a table on which you have placed the *Daisy-Center Piece* with the number 1 and the appropriate *Petal Pieces* placed randomly beside it. Explain to students that they are going to create a *Daisy Puzzle* that features different ways to represent the number 1. Then hold up each of the *Petal Pieces*, and ask students to share what they notice. Point out that the *Daisy-Center Piece* features

the numeral 1, and that the *Petal Pieces* display that number in many ways: as a number word, as a dice pattern, as a counting in a straight line/array pattern, in a random grouping, within a ten frame, with tally marks, and as the number before and after. Review each type of representation with the students:

- **Number Words:** Write the word *one* on a piece of chart paper. Ask a student to trace the word, say each letter aloud, and then read the word. Hold up the *Number Word One Petal Piece* to show students and have a student place the *Petal Piece* in the *Daisy-Center Piece*. (Model how to place the *Petal Pieces* in the *Daisy-Center Piece* by matching the tabs.) Guide the students to place the *Petal Pieces* around the *Center Piece* so the answers are in a mostly upright position (some petals have right-hand tabs and some petals have left-hand tabs.)
- **Dice Patterns:** Explain to students that the dots on a die represent a number and are easy to recognize. Hold up the *One Die Pattern Petal Piece*, and have students raise the correct number of fingers to represent the total number on the die. For newer learners, choose a student to touch the dot and say the number aloud. Have a student place the *Petal Piece* in the *Daisy-Center Piece*.
- **Ten Frame:** Explain to students that the dots on a ten frame represent a number. Hold up the *One Ten-Frame Petal Piece*, and have students raise the correct number of fingers to represent the total number of dots. For newer learners, choose a student to touch the dot and say the number aloud. Have a student place the *Petal Piece* in the *Daisy-Center Piece*.
- **Tally Marks:** Explain to students that tally marks represent a number. Hold up the *One Tally Mark Petal Piece*, and have students raise the correct number of fingers to represent the tally mark. For newer learners, choose a student to touch the tally mark and say the number aloud. Have a student place the *Petal Piece* on the *Daisy-Center Piece*.
- **Random Grouping:** Explain to students that the smiley faces on the *Petal Pieces* are arranged in a group. Hold up the *One Smiley Face Petal Piece*, and have students raise the correct number of fingers to represent the smiley face. For newer learners, choose a student to touch the smiley face and say the number aloud. Have a student place the *Petal Piece* in the *Daisy-Center Piece*.

## Daisy Puzzles Set - Number Sense 0–10

- **Counting in a Straight Line or Array:** Explain to students that the stars on the *Petal Pieces* are arranged in a line or lines to facilitate counting. Hold up the *One Star Petal Piece*, and have students raise the correct number of fingers to represent the total number of stars. For newer learners, choose a student to touch the star and say the number aloud. Have a student place the *Petal Piece* in the *Daisy-Center Piece*.
- **Before Numbers:** Read the sentence on the *Before One Petal Piece*, and encourage students to identify the number. For young students, write the numbers from 0 to 10 in order on a whiteboard for reference. Choose a student to say the answer aloud. Have a student place the *Petal Piece* in the *Daisy-Center Piece*.
- **After Numbers:** Read the sentence on the *After Zero Petal Piece*, and encourage students to identify the number. Have students refer to the numbers in order on the whiteboard for help. Choose a student to say the answer aloud. Have a student place the *Petal Piece* in the *Daisy-Center Piece*.

Once the *One Daisy Puzzle* is complete, congratulate students for a job well done. Show them how to check their answers by turning the *Puzzle* over to see if all of the numerals match. Explain to students that if they are working on a *Puzzle* and a *Petal Piece* does not match, they are to remove that *Petal Piece* and replace it with the correct one.

### Learning Center

Make copies of the *Daisy Puzzle Certificates Reproducibles*, cut them apart, and put the 0–5 *Certificates* in a basket at a center along with a pencil. Store the 0–10 *Certificates* for future use. For early learners, place the *Daisy-Center Pieces* and the appropriate *Petal Pieces* for the numbers from 0 to 5 in the center. Choose a student to work at the center and have him or her complete the *Daisy Puzzles*. Instruct the student to place the *Daisy-Center Pieces* in order on the table and then place the *Petal Pieces* on the table nearby. When all of the *Puzzles* are complete, have the student turn them over to check his or her work. When all of the *Puzzles* are correct, have the student write his or her name and date on a *0–5 Daisy Puzzle Certificates Reproducible* and turn it in to you. After recording the completion of the center work, send the certificate home with the student to share with his or her family. When a student is ready for a more challenging center, place the *Daisy-Center Pieces* and the appropriate *Petal Pieces* for the numbers from 0 to 10 in the center. When

all of the *Puzzles* are complete, have the student turn them over to check his or her work. When all of the *Puzzles* are correct, have the student write his or her name and date on a *0–10 Daisy Puzzle Certificates Reproducible* and turn it in to you. After recording the completion of the center work, send the certificate home with the student to share with his or her family.

### Grouping Daisies Game

Divide your students into cooperative groups, and give each group two or three *Daisy-Center Pieces*. Spread out the *Petal Pieces* on a large table. To start the game, one member of each group goes up to the table, chooses a *Petal Piece* to attach to one of the *Daisy-Center Pieces* for the group, and puts the *Puzzle Piece* in place. Once the *Puzzle Piece* is in place, a second member goes up to the table to choose another *Petal Piece* to put it into place, and so on. The game continues until one group completes their *Puzzles* and checks them for accuracy. The group then raises their hands so you may check their work. Write the winning team's name on the board next to first place and then continue to write team names as each group finishes.

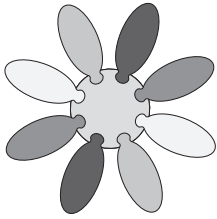
### Addition and Subtraction

Label the blank *Petal Pieces* with an addition or subtraction problem to replace one of the petals for each *Puzzle*. For young students, begin with addition and subtraction problems up to the number 5 and then progress to problems up to the number 10.

### Make Your Own Daisy Puzzle

Make copies the *Make-Your-Own Daisy Puzzle Reproducible*, distribute them, and have students fill them in for the number of the day. For example, if the number of the day is 7, the students would fill in the *Daisy-Center Piece* with the number 7 and fill in the *Petal Pieces* with a number word, tally marks, stars, a ten frame, etc. When finished, have students cut out the pieces, label the backs with the appropriate number, and store them in a zippered plastic bag to take home and share with their families.

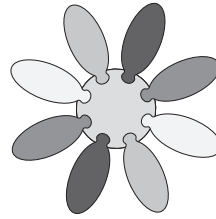
Make several copies of the *Make-Your-Own Daisy Puzzle Reproducible*, and label each *Daisy-Center Piece* with higher numbers, such as 11, 12, 13, etc. Then, label the petal pieces with the number representations. Laminate the reproducibles, cut them apart, label the backs with the appropriate numbers, store each number in a zippered plastic bag, and place them at a center for a challenge.



I completed the  
Daisy Puzzles  
from 0 to 5!

\_\_\_\_\_  
Name

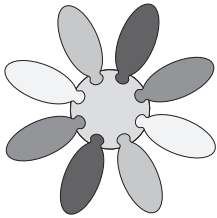
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I completed the  
Daisy Puzzles  
from 0 to 5!

\_\_\_\_\_  
Name

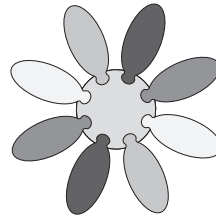
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I completed the  
Daisy Puzzles  
from 0 to 5!

\_\_\_\_\_  
Name

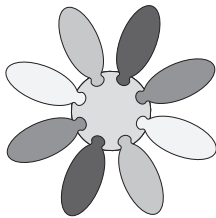
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I completed the  
Daisy Puzzles  
from 0 to 5!

\_\_\_\_\_  
Name

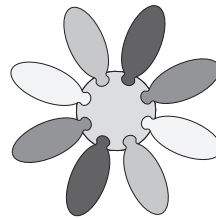
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I completed the  
Daisy Puzzles  
from 0 to 10!

\_\_\_\_\_  
Name

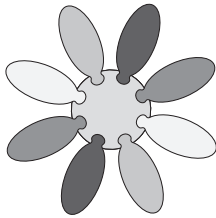
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I completed the  
Daisy Puzzles  
from 0 to 10!

\_\_\_\_\_  
Name

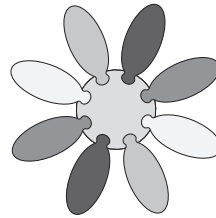
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I completed the  
Daisy Puzzles  
from 0 to 10!

\_\_\_\_\_  
Name

\_\_\_\_\_  
Date



I completed the  
Daisy Puzzles  
from 0 to 10!

\_\_\_\_\_  
Name

\_\_\_\_\_  
Date