

Primary Math Skills Beach-Themed Activity

This Really Good Stuff® product includes:

- 4 sets of 6 Mats, double-sided
- 105 Beach Pail Chips (5 of each number 0–20)
- Storage Box, with lid
- This Really Good Stuff® Instructional Guide

Congratulations on your purchase of this Really Good Stuff® **Primary Math Skills Beach-Themed Activity**—designed to give students a fun way to practice addition, subtraction, ordering numbers, solving equations, and working with numbers greater than and less than each other.

Meeting the Standards

This Really Good Stuff® **Primary Math Skills Beach-Themed Activity** aligns with the Common Core State Standards for Mathematics below. For alignment with other state standards, please refer to our website's Standards Match.

Counting and Cardinality

Grade K Overview

- Compare numbers.

Operations and Algebraic Thinking

Grade K Overview

- Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.

Grade 1 Overview

- Represent and solve problems involving addition and subtraction.
- Understand and apply properties of operations and the relationship between addition and subtraction.
- Add and subtract within 20.
- Work with addition and subtraction equations.

Grade 2 Overview

- Represent and solve problems involving addition and subtraction.
- Add and subtract within 20.

Number and Operations in Base Ten

Grade K Overview

- Work with numbers 11-19 to gain foundations for place value.

Grade 1 Overview

- Use place value understanding and properties of operations to add and subtract.

Grade 2 Overview

- Use place value understanding and properties of operations to add and subtract.

Preparing and Storing the Primary Math Skills Beach-Themed Activity

Before introducing the **Primary Math Skills Beach-Themed Activity**, make copies of this Really Good Stuff® Instructional Guide, and file the pages for future use. Or, download another copy of it from our website at www.reallygoodstuff.com. It may be helpful to number the Mats 1–6 using a dry erase marker. For example, label the front side of a Mat with 1A, and the back side with 1B. Keep the Mats and Chips in the Storage Box when not in use.

Introducing the Primary Math Skills Beach-Themed Activity

Prior to the lesson, divide the Beach Pail Chips into four small zippered plastic bags and take out four *Least to Greatest Mats*. Gather a group of four students. Explain that the Mats will help them practice the basic math skills they are learning, and that today they will be putting numbers in order. Distribute one *Least to Greatest Mat* to students along with a bag of Chips. Instruct them to take out six Chips and place them faceup on their Mats. Read the instructions

at the top of the Mat aloud. Ask the students to point to the word *least* on the bottom of the Mat, and to tell you which Chip they should put above this word. Repeat the process with the word *greatest*. Ask students to tell you what they should do with the remaining Chips. Assist them as they put the Chips in order between the *least* and the *greatest Chips*. Check student work for accuracy. Have students return their Chips to their bag. Repeat the process a few times until they are comfortable with this math skill. Then, tell them to flip the Mat over and repeat the process for arranging the Chips in order from *greatest to least*. Introduce the remaining five math skills Mats as appropriate to the curriculum. For beginning students or students needing extra support, begin with Chips 0-10 and add Chips 11-20 when students are ready to work with double-digit numbers.

Math Skills Beach-Themed Activities for Small Groups

Make copies of the *Math Skills Worksheets Reproducibles* and cut them apart. Use the *Math Skills Worksheet for Comparisons* with the *Least to Greatest Mat* and the *Greater Than or Less Than Mat*, and the *Math Skills Worksheet for Operations* for all other Mats. Gather students in a group of four. Distribute the *Math Skills Mat for Addition or Subtraction of Two Numbers*, a bag of Chips, and a *Math Skills Worksheet for Operations*. Tell students to take two Chips from their bags and place them on the addition side of the Mat. Guide them to record the chosen Chip numbers in the pails on their worksheets. Guide them to show their work in the space on the worksheet to find the sum. Tell them to find the Chip that matches the sum and place it in the proper place on their Mat. Discuss how to represent sums that are greater than 20 by using 10s and 1s. In this, case students may have to share Chips to create the correct sum. For example: $20 + 13 = 33$, so the student would need three 10 Chips and one 3 Chip to create the sum. Assist students to write a number sentence in the box at the bottom of their worksheet. If they have a sum greater than 20, tell them to write two number sentences: $20 + 13 = 33$ and $20 + 13 = 10 + 10 + 10 + 3$. Repeat the process until students demonstrate understanding. Flip the Mat to the subtraction side. Repeat the process. Emphasize that the larger number should be in the first position and the smaller number will be subtracted.

Math Skills Beach-Themed Activities at Home

Copy, cut apart, and distribute the *Math Skills Worksheets Reproducibles*. Place the Chips in a pile. Ask each student to choose three Chips from the pile and record their number on the *Math Skills Worksheet for Operations*. Collect the Chips. Show the students the Mat for the sum of three numbers. Tell them that they are to complete the problem at home on the worksheet. Create other take-home activities using various Mats.

Group Activities with the Primary Math Skills Beach-Themed Activity

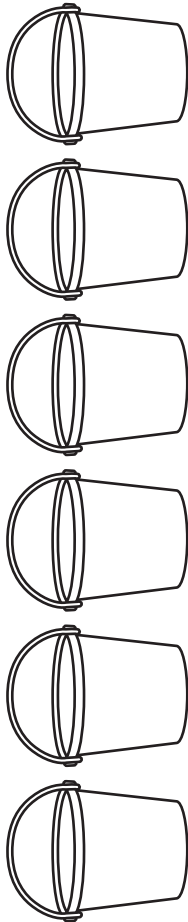
- Organize the class into four groups. Distribute a complete set of *Operation Mats*, Chips, and eight *Math Skills Worksheets for Operations Reproducibles*. Instruct students to work cooperatively to choose Chips and solve the situation on both sides of each Mat and record their work on the worksheets.
- Challenge students to work with a partner to find:
 - o all the combinations of three unique numbers that make a sum of 10 or sum of 20
 - o all the combinations of three numbers that make a sum of 10 or sum of 20 if they are allowed to repeat addends
 - o all the combinations of two numbers to make even sums or differences
 - o all the combinations of three numbers to make odd sums

All instructional guides can be found online.

Name: _____ Date: _____

Math Skills Worksheet for Comparisons

Directions: Use the space below to show your work for the *Mat* you have chosen. Write in the numbers you chose to begin your problem. Only fill in the pails needed (two or six pails).



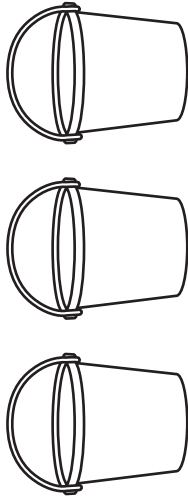
Show how you decided to order the numbers in the space below.

Write the number sentence or the order from your *Mat* in the box below.

Name: _____ Date: _____

Math Skills Worksheet for Operations

Directions: Use the space below to show your work for the *Mat* you have chosen. Write in the numbers you chose to begin your problem. Only fill in the pails needed (two or three pails).



Show how you solved the problem on your *Mat* in the space below.

Write the number sentence(s) from your *Mat* in the box below.