

Fractions Hands-On Student Pack

- These chipboard fraction bars represent wholes through twelfths, helping your child compare fractions, identify equivalents, and more.
- Use the fraction bars to demonstrate equivalent fractions. For example, point out that one $\frac{1}{2}$ bar, three $\frac{1}{6}$ bars, and four $\frac{1}{3}$ bars are all the same length, which means $\frac{1}{2} = \frac{2}{4} = \frac{3}{6}$. Use the bars to make other equivalent fractions.
- Use the fraction bars to compare fractions. For example, encourage your child to compare $\frac{5}{8}$ and $\frac{3}{4}$ by placing five $\frac{1}{8}$ bars side by side above three $\frac{1}{4}$ bars. Since the five $\frac{1}{8}$ bars are shorter than the three $\frac{1}{4}$ bars, your child can see that $\frac{5}{8} < \frac{3}{4}$. What does your child notice about the size of the individual bars and their denominator? Repeat with other fractions.

Paragraph of the Week Journal

This handy journal will help your child write opinion, informative, explanatory, and narrative paragraphs one step at a time! The journal has a different activity for your child to complete each day—resulting in a polished paragraph to publish and share.

Multiplication Machine

This self-checking math machine makes multiplication so simple, kids can teach themselves! Have your child look at a problem, solve it, and then press the equation button. The answer will pop up for immediate reinforcement! You can play it in reverse as well. Call out a product, such as 24, and have your child press an equation button with a matching problem—for example, 3×8 , 4×6 , 6×4 , or 8×3 .

Real-World Restaurant Math Activity Book, Menus, and Receipts

How about a little real-world math to keep skills sharp? The *Real-World Restaurant Math Activity Book* features eight different activities (48 problems involving basic operations with money) for your child to complete using realistic menus and receipts. The activity book includes helpful information for completing the activities.



Your kit also includes the following essential supplies:

- Scissors
- Glue Stick
- 2 Pencils
- 2 Black Pens
- Eraser
- Colored Pencils
- Washable Markers
- Ruler

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SUMMER ENRICHMENT KIT ACTIVITY CARD



GRADE
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Keep your child learning this summer with engaging materials and activities that target essential language, math, and social-emotional skills. Please set aside some time each week so that your child can use the materials to complete one or more of the activities. Your child will reinforce skills from the past school year while building on skills that prepare for the year ahead.

Follow the suggestions below to get started!

Roll & Read Word Family Game

Hone your child's reading and writing skills by playing this game together. Just roll the dice, start the timer...then combine onsets and rimes to build tons of words before time is up! Working with word families will help your child remember letter and spelling patterns, recognize letter-sound relationships, develop phonemic awareness, and build reading fluency. Simply follow the instructions included with the game!



Social-Emotional Learning Journal

This journal is designed to help your child build social-emotional skills. The journal includes simple prompts that explore important topics like making good decisions, self-control, kindness, respect, and responsibility. Simply invite your child to complete a different prompt each day to reflect on and write about a specific topic.

Mastering Subtraction Dominoes

These kid-friendly, illustrated dominoes are a fun way to help kids master subtraction! Great for helping children learn through play, the easy-to-grasp and easy-to-read dominoes feature subtraction facts (both numerical and illustrated) on one end and numeric differences on the other. Play the game just like traditional dominoes—except each player selects a domino and attempts to match up the problems and differences.

Visualize Math Write & Wipe Board

This reusable board includes a bar model, number bond models, and a fact family triangle that students can use to work out math problems. Have your child use the board to practice the activities below. Write & wipe markers are included for use on the board.

Solving Word Problems with Bar Models

Show your child that bar models can be used to help solve word problems. Read the problem below together:

Mr. Sanchez ran 16 laps on Friday and 17 laps on Saturday. How many laps did he run in all?

In the top box of the bar model, write a question mark—since this number is unknown. In the lower-left box, write the number 16. In the lower-right box, write the number 17.

Explain to your child that when you are missing the whole (the number at the top of the bar model), you add the other parts together. Have your child use a space below the bar model to write a number sentence to solve the equation: $16 + 17 = ?$ Then have your child write a second equation with the correct answer filled in:

$$16 + 17 = 33.$$

Here is another word problem to try:

Ava has 72 marbles. 38 of the marbles are green, and the rest are orange. How many orange marbles are there?

In the top box of the bar model, write the number 72. In the lower-left box, write a question mark—since this number is unknown. In the lower-right box, write the number 38.

Explain to your child that when you are missing a part (one of the numbers at the bottom of the bar model), you subtract the known part from the whole. Have your child use a space below the bar model to write a number sentence to solve the equation: $72 - 38 = ?$ Then have your child write a second equation with the correct answer filled in: $72 - 38 = 34$.

Switch out the numbers in the problems to have your child solve new ones independently.

Fact Family Triangle

Show your child how to use the triangle to practice addition and subtraction facts. Write the numbers 18, 14, and 32 on the spaces inside the triangle. Then write each of the corresponding addition and subtraction facts for those numbers: $18 + 14 = 32$, $14 + 18 = 32$, $32 - 18 = 14$, and $32 - 14 = 18$. Give your child a few fact families to try writing independently, such as 13, 36, and 49 or 38, 17, and 55.

Number Bonds

Explain to your child that number bonds can help us visualize addition and subtraction facts in the same way that fact family triangles can. Write the numbers 68, 35, and 103 in the circles on the second number bond model. Then write each of the corresponding addition and subtraction facts for those numbers: $68 + 35 = 103$, $35 + 68 = 103$, $103 - 68 = 35$, and $103 - 35 = 68$. Give your child a few fact families to practice independently.

Place Value Write & Wipe Board

This reusable board includes a place value chart on one side and a regrouping chart on the other—perfect for helping your child master place values to hundreds and solve addition problems using regrouping.

Place Value Chart

Challenge your child to show a number on the place value chart when you give the digits out of order. For example, say, *I have 2 tens, 3 hundreds, and 6 ones. What number am I?* (326.) Or, say, *I have no hundreds, 7 ones, and 3 tens. What number am I?* (37.) This will help your child pay close attention to the place value words.

Regrouping

Draw base 10 blocks on the chart to help your child practice addition with regrouping. For example, for the problem $131 + 83$, draw 1 hundred (large square) in the “Hundreds” column, 3 tens (rods) in the “Tens” column, and 1 one (small square) in the “Ones” column. Then draw 8 more tens and 3 more ones. Now there are 1 hundred, 11 tens, and 4 ones, or $100 + 110 + 4$. Tell your child, *Since there are more than 10 tens, we need to regroup.* Regroup the 11 tens into 1 hundred and 1 ten by erasing 10 of the tens and drawing an additional hundred in the “Hundreds” column. Now there are 2 hundreds, 1 ten, and 4 ones, or $200 + 10 + 4$, which equals 214.

Here are some more problems you can demonstrate on the regrouping chart:

- $39 + 62$
- $91 + 37$
- $188 + 35$
- Gladys is making a beaded necklace. She uses 34 heart beads, 15 round beads, and 35 star beads. How many beads does Gladys use altogether?