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.

Fact Family Triangle

Show your child how to use the triangle to practice addition and subtraction facts. Write the numbers 8, 4, and 12 on the spaces inside the triangle. Then write each of the corresponding addition and subtraction facts for those numbers: 8 + 4 = 12, 4 + 8 = 12, 12 – 8 = 4, and 12 – 4 = 8. Give your child a few fact families to try writing independently, such as 2, 9, and 11 or 5, 7, and 12.

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 6 laps on Friday and 7 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 6. In the lower-right box, write the number 7.

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: 6 + 7 = ? Then have your child write a second equation with the correct answer filled in: 6 + 7 = 13.

Here is another word problem to try:

Ava has 17 marbles. 8 of the marbles are green, and the rest are orange. How many orange marbles are there?

17 goes in the large rectangle. 8 goes in one of the boxes below. Write a question mark in the last box to figure out the difference. Have your child use a space below the bar model to write a number sentence to solve the equation: 17 – 8 = ? Then have your child write a second equation with the correct answer filled in: 17 – 8 = 9.

Continue to tell addition and subtraction stories to your child. Help your child solve the problems using the bar model.

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 8, 5, and 13 in the circles on the second number bond model. Then write each of the corresponding addition and subtraction facts for those numbers: 8 + 5 = 13, 5 + 8 = 13, 13 – 8 = 5, and 13 – 5 = 8. Give your child a few fact families to practice independently.

Your kit also includes the following essential supplies:

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

a custom solution from Lakeshore®
KT35706

Hacienda La Puente
SUMMER ENRICHMENT KIT
ACTIVITY CARD

Keep your child learning this summer with engaging materials and activities that target essential language and math skills. Please set aside some time each week so that you and your child can use the materials and complete the activities together. You will review skills from the past school year and build on them to prepare your child for the next one.

GRADE 2

Follow the suggestions below to get started!

My Writing Journal

This journal is packed with writing guidelines, word lists, and exercises to help your child build essential language skills in writing. The writing exercises are organized by narrative, informative, explanatory, opinion, and persuasive writing styles.

Reading Comprehension Daily Practice Journal

This skill-building practice journal will help your child develop reading comprehension skills—day by day! The journal features 35 weeks of daily comprehension activities that encourage your child to think critically about what is being read. There is a fiction or nonfiction reading passage at the beginning of each week, followed by different daily activities to deepen your child's understanding of the text. It is up to you how you want to use the journal. Select a reading passage and then have your child complete one or more corresponding activities each day.

Vowel Sounds and Blends & Digraphs Crossword Mats and Word Building Tiles

These super-fun, double-sided crossword puzzle mats help your child practice and master vowel sounds and words with blends & digraphs. Simply look at the easy-to-recognize picture clues and use the letter tiles to build words right on the activity mat!

Using the Mats

- Choose a crossword puzzle mat.
- Guide your child to look at each picture clue on the mat and build the corresponding words using the letter tiles.
- Point out that each picture clue has an arrow that shows whether your child should build the word across or down.
- Demonstrate how to complete a puzzle. Say the word for one picture clue aloud.
- Point out whether the arrow is showing down or across. Then build the word with the letter tiles.
- Check your words on the included answer card.

To extend the learning, encourage your child to use the letter tiles to work independently to build as many words as possible.

Math Manipulative Toolbox

Packed with manipulatives, this toolbox provides lots of hands-on experience with everything from addition and multiplication to place value and fractions. Have your child use the materials for the activities below:

Addition and Subtraction

- Encourage your child to use the double-sided write & wipe number line and a write & wipe marker to solve problems. For example, for an addition problem such as 24 + 38, your child could mark a dot on the number 24 and then make three big jumps of 10 to the right to the number 54, followed by eight small jumps to the right to the number 62. Your child should then mark a dot on the number 62 to show that 24 + 38 = 62. The number line can be used to practice subtraction in the same way, making jumps to the left instead of the right.
- Have your child roll the six foam dice to build three 2-digit numbers. Prompt your child to write the three numbers on a piece of paper and add them together.

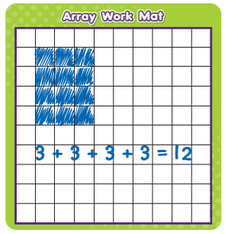
Place Value

- Assign a place value to the foam dice. For example, the green dice are hundreds, the blue dice are tens, and the purple dice are ones. Have your child roll the six foam dice to build two 3-digit numbers.
- Encourage your child to use the double-sided write & wipe number line to practice skip-counting to 100 by 5s and 10s.

Partitioning Shapes

Give your child 12 area tiles. Ask, *How many different rectangles can you build using all 12 tiles?* Have your child draw the different rectangles on a piece of paper, including dividing lines to indicate the number of rows and columns of squares.

Early Multiplication



- Have your child use the area tiles to practice repeated addition. Scatter 10 tiles on a table and ask your child to guess how many there are. Then have your child arrange the tiles into equal rows and columns—five rows and two columns. Now ask, *How many tiles do you see? How does the array help you see the total?* Explain that the array represents 2 + 2 + 2 + 2 + 2 and write the corresponding multiplication problem (2 x 5 = 10) on a piece of paper. Repeat the activity with another number, such as 15.
- On the write & wipe array work mat, draw an array of four rows of three. Have your child write the repeated addition equation on a piece of paper: 3 + 3 + 3 + 3 = 12. Repeat with other arrays.

Addition Machine

This self-checking math machine makes addition 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 sum, such as 13, and have your child press an equation button with a matching problem—for example, 4 + 9, 5 + 8, 6 + 7, 7 + 6, 8 + 5, or 9 + 4.

Number Line Slider Board

- Give your child hands-on practice with number lines with this easy-to-use slider board. Simply provide your child with two numbers within 20 to add or subtract and have your child slide the pointer on the number line to find the answer. Show your child how to add numbers by moving right along the number line. Then model subtracting numbers by moving left along the number line.

Here are some problems to get you started:
4 + 6 2 + 5 8 + 1 10 + 2 7 – 3 9 – 4 5 – 2 12 – 8

- Challenge your child with number clues to solve on the number line. For example, say, *Begin at 4. Double the number. Subtract 2.* (6.) Or, say, *Begin at 2. Add a dozen. Subtract 5.* (9.) Have your child answer orally or write the problems and answers on a separate sheet of paper.

Flip & Read Sight-Word Sentences

Each book has five sets of flips covering 10–15 sight-words, plus helpful rebus pictures and ending punctuation. (The rebus images will allow your child to read with fluency, even though the corresponding words are not sight-words.)

- Have your child flip through the pages of a flip book to build a sentence and read it aloud. Then prompt your child to flip to new words and/or punctuation marks to change the meaning of the sentence and then read the altered sentences aloud.
- Challenge your child to use the flip books to create as many sentences as possible. When your child creates a sentence, your child should write it on a piece of paper and then change one word at a time to make new sentences. How many sentences can your child make?