



K-2

# Math Curriculum

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# Building a Strong Mathematical Foundation at HOME



## Counting

**Count.** Count again. Now count some more. Count ...the number of steps to the car. ...the number of forks on the table. ...the number of grapes on your plate. And, when you're ready, skip count by twos!



## 12-Month Calendar

**Write down all the important dates:** Your birthday. Your mom's birthday. Special holidays. Karate class. Now use it to figure out things like how many days before your trip to grandmas.

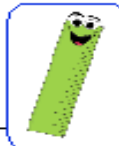


## Analog Clock

**What time do you get up? What time do you go to school? List your daily schedule. Use the clocks below to show the time of each listed item. Cut out and glue next to the appropriate item on the schedule.**

## Rulers and Tape Measures

**Measure everything!** How far can you jump? How long is the desk? How tall are you? How tall is the dog?



## Coins

**Collect coins in a jar. Sort them into groups. Discuss their names and values. Skip count by 1s (pennies), 5s (nickels) and 10s (dimes). Practice adding small amounts.**



## Time

**About how long does it take you to... brush your teeth? ...drive to the store? ...jump up and down 10 times? Use a stopwatch to find out!**



## Shapes

**Look around. Where do you see rectangles? Where do you see triangles? Build with blocks. Design with clay. Draw with paint.**



## Developing Number Sense at HOME

Here are 5 simple ways to seamlessly integrate number sense activities while driving in the car, cutting vegetables, waiting in the dentist's office...

### 1 What's the Question?

Give your kids the answer and have them come up with the problem. For example: *The answer is seven. What's the question?* Sample answer: *I had ten grapes and then I ate three. How many grapes are left?*

### 2 Who Am I?

Not only are these perfect for mental math practice but they're a great way to reinforce math vocabulary. Sample: *I am an even number greater than ten but less than twenty. The sum of my digits is nine. Who am I?*

### 3 Which Number Does Not Belong?

This is a pre-algebra activity where kids sort and classify numbers into categories. Example: *Which number does not belong: 4, 12, 17, 8, 20?* Answer: *The number '17' does not belong because it is an odd number for...17 is not a multiple of 2.*

### 4 Which Has More?

A great mental math activity that gets kids to compare several quantities at the same time. Example: *Which has more, the number of wheels on two cars or the number of eggs in a dozen?*

### 5 And the Answer is...

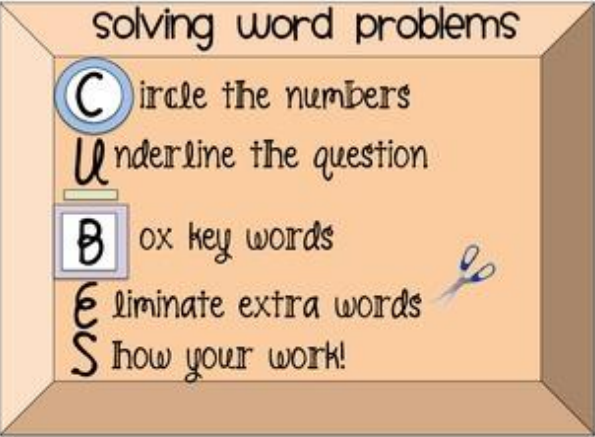
For this activity, kids need to compute a series of quantities in their head. Example: Start with the number of days in a week. Subtract the number of wheels on a tricycle. Double that number. And the answer is...



# Strategies

solving word problems

**C**ircle the numbers  
**U**nderline the question  
**B**ox key words  
**E**liminate extra words  
**S**how your work!



## Strategies for solving Math Problems!

doubles facts,  
+0, +1, -1, +10, -10,  
related facts...

1. Mental math

2. Touch math | 2 3 4 5

3. Use your fingers 

4. Use a number line 

5. Put the big number in your head and add on.

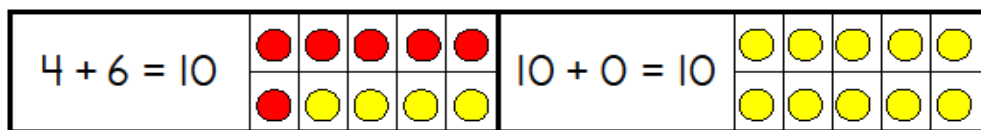
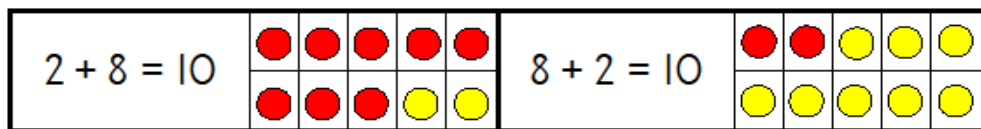
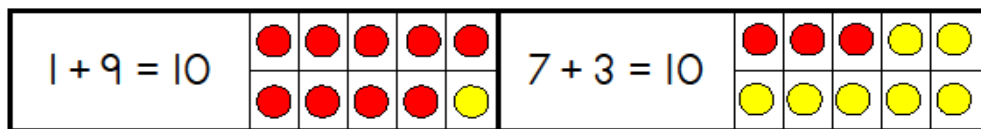
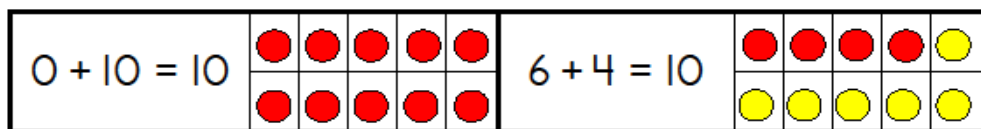
6. Make tallies or pictures 

7. Use a 100's chart 

8. Write a number sentence

$$\begin{array}{r} 25 \\ + 13 \\ \hline \end{array}$$

## Ways to Make 10





[www.thinkcentral.com](http://www.thinkcentral.com)

Access your child's math book  
and workbook.

*\*\*\*same login and password as all school programs*

The image features a decorative border with a black and white zigzag pattern. In the center, there is a red dashed circle. Inside the circle, the word "Questions?" is written in a black, handwritten-style font.

Questions?