

Math Lesson Plan #9

Touch Math

Introduction:

Did you ever wonder if there was an easy way to add many numbers together? Most people use their fingers to count. And over the years many people have discovered different ways to do math. Touch math is another way to add numbers. Using darkened circles we can learn an easy way to add numbers one through five. The number six through nine has a way but the best ones to really know is the number one through five.

Objectives:

In this lesson, students will:

- The student will be able to use touch math to add numbers one through nine.
- The student will be able to read a graph and determine which amount of money to use to make the required words.
- The students will be able to add the letters (amount of money) together to get a price.

Session time:

Approximately one hour.

Materials:

- Large poster of the Touch Math worksheet
- Touch Math worksheet
- Dollars & Cents worksheet
- Pencils and scrap paper

Methods:

Can be done as a group activity or individual work

Procedures:

- 1) Using the poster or overhead to demonstrate how to add numbers by using the dots on the numbers one through five. Closed circles are counted once and open ones are counted twice.
- 2) Explain that the numbers six through nine can be counted but it is easier to pick the larger number in a problem to start you counting. For example, if you have $7 + 4$, you would start counting after seven.
- 3) Give students approximately 10 minutes to do the Touch Math worksheet for practice.

- 4) Introduce the Dollars and Cents Worksheet. Tell them they are to use the touch math method to work the problems.

Conclusion:

Go over the worksheet together and answer any questions or concerns. Ask them if they see using this information in life helpful.

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TOUCH MATH

Darkened dots count as one and open dots are counted as two.

1 2 3 4 5

6 7 8 9

1 2 1 3 2 4 5
+1 +3 +5 +4 +1 +1 +2

2 5 4 3 1 6 1
+2 +5 +4 +3 +1 +6 +7

8 7 6 9 5 8 7
+2 +3 +4 +1 +2 +2 +2