| Tools and Manipulatives |
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| 1. Math <br> Paper Plate Counting- Cut a paper plate into <br> fourths and write a number on each part. Give <br> students a bag of beans and have them put the <br> correct number of beans on each part. <br> Time: Less than 5 minutes if not colored or <br> painted <br> Cost: Paper Plates = \$5 for 120 <br> Beans = \$1 |
| a. Adaptation 1- Make a plus and minus <br> sign and place it between two parts of <br> the paper plate. Students will then use <br> beans to find the answer to the problem. <br> b. Put sounds on each part of the paper <br> plate (sh, ch, th, etc.). Have pieces of <br> paper cut out with words using those <br> sounds (ship, shop, chip, chop, that, <br> there, etc.) |
| Counting Flip Chart- Cut a manila folder in half <br> length-wise keeping the folding part in tact or <br> fold a large piece construction paper in half. <br> Then cut slits into one part of the folded half to <br> make flaps. You can then mark dots on the top <br> and the correlating number and word under the <br> flap. <br> Time: Less than 5 minutes <br> Cost: Manila Folder = \$8 for 100 or used <br> recycled ones for free |
| a. Adaptation 1 - Use flip charts for |
| teaching doubles addition. |
| b. Adaptation 2 - Put the infinitive form of |
| a verb (to eat) on the top. Inside the flap |
| have the verb conjugated (I eat. You eat. |
| He/She/It eats. We eat. They eat.) |

4. Egg Carton Counting- Flip the egg carton upside
down and cut holes into the bottom of each
section and number them 1 to 12. Then make
corresponding dots on 12 popsicle sticks.
Students must put the correct popsicle stick in
the correct hole in the egg carton.
Time: Less than 5 minutes
Cost: Recycled Egg Cartons = Free

Popsicle Sticks = \$2.50 for 100 | 5. Pipe Cleaner Calculator- Put beads onto a pipe |
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| cleaner and glue larger beads at each end to |
| keep the smaller beads from falling off. Students |
| can use the beads to help add and subtract. |
| Time: Less than 3 minutes |
| Cost: Pipe Cleaners = \$3 for 100 |
| Beads = \$6 for 1000 |

| piece (What is your name?). Students |
| :--- |
| must read and answer the questions. |
| 8. Clothespin Math- Write a math problem on each <br> side of a clothespin. Lay out numbers on the <br> table. Students must choose a clothespin and pin <br> it to the correct number laid out on the table. <br> Time: $20-30$ minutes <br> Cost: Clothespins = \$1 for 36 |
| a. Adaptation 1- Color coordinate the <br> clothespin by difficulty level. For <br> example, all addition problems are <br> yellow. |
| b. Adaptation 2- Have students time |
| themselves and record their time on a |
| sheet. Then encourage students to |
| repeat the game and beat their score. |

a. Adaptation 1- Make it into a competition. Have two students take turns shaking the egg carton. They must write the answer to their problem and continue adding their results until someone reaches a predetermined number ( 100 for instance).

| Literacy |
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| 11. Color Matching- Obtain paint samples. Write the <br> word for each color on a clothespin. Students <br> must match and clip each clothespin to the <br> correct color. If needed, write the word in the <br> corresponding color (e.g. use a green marker to <br> write the word green). <br> Time: Less than 5 minutes <br> Cost: Donated Paint Samples = Free <br> Clothespins = \$1 for 36 |
| 12. Pipe Cleaner Colors- Label each pipe cleaner with <br> its color. Give students a handful of mixed color <br> beads and have students put each bead on the <br> corresponding colored pipe cleaner. <br> Time: Less than 3 minutes <br> Cost: Pipe Cleaners = \$3 for 100 <br> Beads = \$6 for 1000 |
| 13. Days of the Week Wheel- Divide a paper plate <br> into seven parts and write the days of the week at <br> the top of each section. Using cardstock, cut a <br> circle that is smaller than the paper plate and <br> divide it into three parts. Label part one <br> "Yesterday was." Label part two "Today is." Label <br> part three "Tomorrow will be." Then connect the <br> circle and paper plate using a brad. Have students <br> decorate. Use every morning to practice what day <br> of the week it is. <br> Time: Less than 10 minutes <br> Cost: Paper Plates = \$5 for 120 <br> Brass Plated Paper Fasteners (Brads) = <br> \$2.50 for 100 |
| 14. Bottle Cap Alphabet- Write letters of the |
| alphabet on bottle caps. Have students try to put |
| the caps in the correct order. |
| Time: Less than 5 minutes |
| Cost: Recycled Bottle Caps = Free |



| 17. Phonics eggs- Write beginning sounds on one side |
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| of the plastic egg (e.g. ch) and write possible |
| endings that make a word on the other part of the |
| egg (e.g. -ain, -air, -ess, -in). Then students will |
| practice reading and sounding out each word |
| while rotating the egg. |
| Time: Less than 5 minutes |
| Cost: Plastic Eggs = \$5 for 24 or |
| Donated Paint Samples = Free |


| a. Adaption 1- You can focus on endings |
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| sounds as well. For example, -ar. The |
| beginning part of the egg would have |
| letters like c, b, f, and j . |

b. You can also use paint samples. You will
cut a square out of the larger sample and
slide the strip sample through it. You can
write the ending sound on the larger
sample, and the different beginnings on
each square of the strip.

| 19. Story Elements- For older students, have each |
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| student make a flip chart to organize story |
| elements. Fold the first piece of paper once about |
| one fourth of the way down. Then fold the next |
| piece of paper inside the first about one inch |
| further down. Continue until you've folded six |
| pieces of paper inside each other and staple at |
| the top. Label the top "Title." Label the following |
| tabs: "Setting," "Characters," "Problem," |
| "Solution." Students will then write and draw in |
| each section. |
| Time: Less than 5 minutes |
| Cost: Ream of paper = \$7 |

