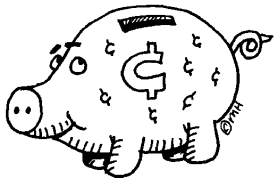


Manipulative Materials

This is a list of some manipulatives and household items that can be used to help your child and reinforce math concepts that we will be discussing this year:

- * Calculator
- * Compass
- * Dice
- * Dominos
- * Measuring Tape
- * Money
- * Clock
- * Meter Stick
- * Ruler
- * Flash Cards



Play money is a good way to help your child with their understanding.

How to keep a Math Notebook

1. Use this notebook for Math only.
2. Do not tear any pages out unless you are asked to do so.
3. Use the notebook in order from front to back, and use both sides of the pages.
4. Start a new page each day.
5. Head the paper each day with the date on the right side of the top line. Put the heading on the next line in the middle. I will put this on the board each day.
6. Copy sample problems from the board each day as you are instructed in class. This is very important.
7. Take your math notebook home each day to show your parents. You will be a better learner if you are able to tell them what you did in class each day.
8. Do your homework in your math notebook, and bring it back to school each day. You will need it because homework is checked first thing in math class.
9. Be neat and organized. I must be able to read your work. You may use this notebook for review later on.

Mrs. Rebecca Stevens

If you have any questions, please contact me at:
Rebecca.Stevens@Anderson.kyschools.us
(502) 839-2500

Robert B. Turner Elementary
1411 Fox Creek Road
Lawrenceburg, KY 40342

Mrs. Rebecca Stevens

**Turner
Elementary
School**

**4th Grade
Math**



Mathematics Standards for Fourth Grade

The major skills and concepts that are planned for fourth grade this year are as follows:

Number Sense

Recognize, identify and write fractions, decimals and explain how the base 10 number system relates to place value.

Number Operations

Add and subtract with four digits, multiply, divide, add and subtract fractions and decimals, develop calculator skills as well as estimate and use math vocabulary.

Measurement

Use metric measures to find length, weight, perimeter, area, time and temperature.

Geometry

Explore symmetry, congruence, angles, lines, and 3-D objects.

Probability & Statistics

Construct, read, and interpret displays of data using graphs and tables as well as determine mean, median and mode for a data set.

Algebraic Thinking

Find and explain rules for number sequences, create and extend patterns.

Problem Solving



Use manipulatives, draw a diagram, and use other strategies to solve for a solution using vocabulary and representations.

Use a calculator in problem solving.

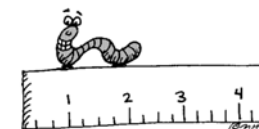
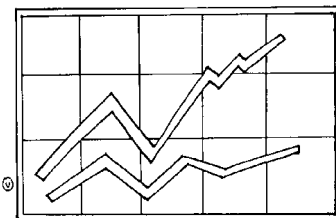
---Homework

The students will be given daily homework assignments. Homework will not be given on the weekends. At the beginning of class I will check for homework. Students will also keep a homework log stapled inside their math folder. A checkmark will be given by the teacher on the days that homework is completed and receive 10 points for attempting every problem. If homework is not completed, you will receive an X for that day and 0 points if homework is incomplete. Parents should sign the homework log weekly on Thursday night and not before.

How to help with Math homework...

Encourage your child to learn and like math. Please try to help your child with their homework when they have questions. Here are some tips:

- * Try to think of different ways to solve the problem.
- * Use calculators, blocks, computers and other tools to help solve the problems.
- * Use charts, graphs, or drawings to illustrate your work.



Doing Math at Home

- * Allow your child to know that you believe that they can succeed.
- * Provide your child with a special place to study according to their learning styles.
- * Expect them to complete their homework and give them positive phrases.
- * Try not to tell children exactly how to solve a problem, because thinking usually stops after being told.
- * Model pleasure and persistence with math and use recreational math in your family routine.
- * Do not use math as a punishment.
- * Be ready to talk to your child about math and listen to what they are saying.

Activities at Home

Here are a few fun activities for your child:

- * CyberChase TV Show—KET @ 4:00
- * Flashcards for multiplication and division
- * Grocery Store—explain weight, geometry shapes, money at the cash register, etc.
- * Look at newspaper together and find math.
- * Math websites such as:
www.aaamath.com,
www.coolmath4kids.com,
www.aplusmath.com,
and many more online sites for kids.

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