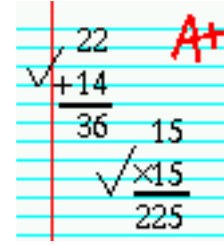




POWER STANDARDS

1st Grade Mathematics

By the end of the year each student will...



Number Sense & Operations

- Count, read and write numbers from 0 to 100.
- Know whole numbers in ones and tens columns up to 99.
- Know zero represents an empty set or a placeholder.
- Compare one more/one less, ten more/ten less up to 100.
- Know greater than, less than, or equal to when comparing sets or numbers.
- Add, subtract, and estimate from 0 to 20.
- Use the properties of addition and relationships between addition and subtraction to solve problems
- Find the sum of three 1 digit numbers

Algebra

- Sort and classify objects by more than 1 characteristic (color, size, etc.).
- Identify and predict repeating and growing patterns (ABC, ABC, AB...).
- Use patterns to skip count by 2's, 5's and 10's.
- Recognize that = means that both sides of the equation are the same
- Write and solve number sentences using addition and subtraction with a missing value ($n+4=7$).
- Create story problems from number sentences involving addition and subtraction

Geometry

- Identify, draw, sort, and find: circles, triangles, rectangles, squares, trapezoids, rhombi, parallelograms and hexagons in the students' environment.
- Identify solid figures (cube, sphere, and cone) in the students' environment.
- Put together and take apart figures made from other shapes (make two triangles from a square,) describe similarities and differences.

Measurement

- Identify tools used for measuring length, weight, volume, temperature, and time.
- Tell time to the nearest hour and half hour.
- Name the seasons and months of the year in order, and use a calendar to determine the day of the week and date.
- Identify the value of penny, nickel, dime, quarter and dollar.
- Determine the value of money using the same coin up to 25 cents (5 nickels = 25 cents, 14 pennies = 14 cents, 2 dimes = 20 cents).
- Measure the length of objects using nonstandard units (paper clips, pencils, crayons, etc.) and count the units in groups of 1's and 10's.

Data Analysis and Probability

- Collect and organize data into tables, tally marks, pictographs, and bar graphs.
- Describe what the data shows.