

KINDERGARTEN MATHEMATICS MONITORING SHEETS

Tri. M.K.1 Solving real-life problems

- a. Trial and error
- b. Picture or object graphs
- c. Diagrams
- d. Patterns
- e. Role Playing
- f. Using manipulatives
- g. Story telling

Tri. M.K.2 Explaining answers

Tri. M.K.3 Problem solving in each math area as well as in other curriculum areas

Tri. M.K.4 Creating own problems from every-day situations

Tri. M.K.5 Expressing mathematical ideas orally and in writing, using proper vocabulary terms

Tri. M.K.6 Recognizing and writing numerals 1 to 31

Tri. M.K.7 Counting numbers: a) forward to 50 and b) backwards from 10

Tri. M.K.8 Identifying ordinals to fifth

Tri. M.K.9 Matching in one-to-one correspondence

Tri. M.K.10 Recognizing sets through 31 and identifying corresponding numerals

Tri. M.K.11 Recognizing zero quantity

Tri. M.K.12 Recognizing the use of the calculator

Tri. M.K.13 Naming the number of a new set after two sets are joined

Tri. M.K.14 Adding and subtracting whole numbers using up to 10 concrete objects

Tri. M.K.15 Indicating the ordered position of three objects and/or pictures

- From left to right
- Top to bottom
- Bottom to top

Tri. M.K.16 Understanding and using directional words

- Over-Under
- Above-Below
- Before-After
- Between

Tri. M.K.17 Exploring the meaning of inside and outside

Tri. M.K.18 Recognizing the concept of time using analog and digital clock

- To the hour
- To the half-hour

Tri. M.K.19 Locating numbers on the calendar (day, month and year)

- Tri. M.K.20 Naming and sequencing the days of the week and the months of the year
- Tri. M.K.21 Recognizing penny, nickel, dime and quarter from either side of the coins
- Tri. M.K.22 Utilizing coins to develop counting skills and money awareness
- Tri. M.K.23 Comparing lengths (long, short and tall) using non-standard units
- Tri. M.K.24 Comparing weights (light and heavy) using scale and balances
- Tri. M.K.25 Recognizing the use of the thermometer to measure and compare temperatures
- Tri. M.K.26 Recognizing one-half
- Tri. M.K.27 Identifying, describing and drawing rectangles, squares, triangles, circles and ovals
- Tri. M.K.28 Connecting line segments to form basic figures using numbers up to 31 (dot to dot)
- Tri. M.K.29 Relating physical materials, pictures and diagrams to mathematical ideas
- Tri. M.K.30 Comparing sets of objects (more, fewer and equal)
- Tri. M.K.31 Understanding and using the concept of estimation
- Tri. M.K.32 Selecting a reasonable magnitude
 - _____ 1-digit numeral
 - _____ 2-digit numeral
 - _____ 3-digit numeral
 - _____ Explaining reasonableness of choice
- Tri. M.K.33 Collecting, organizing and describing data by counting and tallying
- Tri. M.K.34 Reading and interpreting displays of data (bar graphs, pictographs and tables)
- Tri. M.K.35 Understanding the concept of chance
- Tri. M.K.36 Sorting and classifying objects according to similar attributes (size, shape and color)
- Tri. M.K.37 Identifying, describing and extending a repeating relationship (pattern) found in common objects, sounds and movements