

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