



## Trumbull Public Schools Report Card Companion for Kindergarten



### The KINDERGARTEN CHILD:

- Vocalizes while reading or looking at picture books; thinks out loud
- Visually focuses in the near field of vision at work on their desk
- Likes to learn paper and pencil tasks; writing name, numbers, simple words
- Benefits from clear structure and transition routines of teacher
- Favorite themes: occupations, animals, pets
- Likes to stay with one activity for a period of ten-fifteen minutes

**IN KINDERGARTEN**, your child will focus primarily on two important areas. The first is learning numbers and what numbers represent. The second is addition and subtraction. Students will also learn to identify and work with shapes.

**BY THE END OF THE SCHOOL YEAR** most kindergarten students will be able to do the following with consistency:

- Count how many objects are in a group and compare the quantities of two groups of objects
- Compare two numbers to identify which is greater or less than the other
- Understand addition as putting together and subtraction as taking away from
- Add and subtract very small numbers quickly and accurately
- Break up numbers less than or equal to 10 in more than one way (for example,  $9=6+3$ ,  $9=5+4$ )
- For any number from 1 to 9, finding the missing quantity that is needed to reach 10
- Represent addition and subtraction word problems using objects or by drawing pictures
- Solve addition and subtraction word problems involving numbers that add up to 10 or less or by subtracting from a number 10 or less

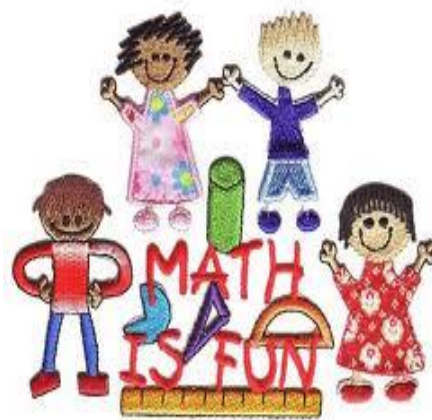


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**Trimester 1 Expectations for Kindergarten Mathematics**

**Counting and Cardinality**

- Knows number names in order to 30.
- Counts objects in a set once and only once to 10.
- Has a system to keep track of counting objects.
- Can identify the numbers 1 through 10 out of sequence.
- Compares numbers to identify whether the number of objects in one group is greater than, less than, or equal to the number of objects in another group by using matching and counting strategies.



**Numeration, Operations, and Algebraic Thinking**

- Not assessed in Trimester 1

**Quantity, Measurement, and Data**

- Directly compares two objects to see which object is shorter/longer.
- Classifies objects into given categories, counts the numbers of objects in each category and sorts the category by count.

**Geometry**

- Not assessed in Trimester 1



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**Trimester 2 Expectations for Kindergarten Mathematics**

**Counting and Cardinality**

- Knows number names in order to 50.
- Counts objects in a set once and only once to 15.
- Has a system to keep track of counting objects.

**Numeration, Operations, and Algebraic Thinking**

- Can identify one more than and one fewer than a given number.



**Quantity, Measurement, and Data**

- Measures the length of an object.
- Carefully lines up units to measure the length of an object.
- Accurately counts the number of units used.

**Geometry**

- Sorts a collection of 2 and 3 Dimensional shapes.
- Identifies shapes with correct mathematical name (square, circle, triangle, rectangle, hexagon, cube, cone, cylinder, and sphere).
- Describes the attributes of each shape.
- Builds 2 and 3 Dimensional shapes.



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**Trimester 3 Expectations for Kindergarten Mathematics**

**Counting and Cardinality**

- Student can confidently states number names in order to 100
- Counts objects in a set once and only once to 20
- Has a system to keep track of counting objects (touch and move)
- Identifies numbers out of sequence 0-20

**Numeration, Operations, and Algebraic Thinking**

- Knows addition and subtraction facts, 0 through 5
- Composes and decomposes teen numbers into tens and ones

**Quantity, Measurement, and Data**

- Student can describe several measurable attributes of an object (weight, length, color...)
- Can directly compare two objects with a measurable attribute in common to see which has “more of”/”less of” the attribute, and describe the difference (e.g., directly compare the heights of two children and describes one child as taller or shorter)

**Geometry**

- Not assessed in Trimester 3

