CLK Elementary

Grade 4 Curriculum Guide

CLK Elementary is committed to providing your child a solid academic foundation and well-rounded education. Children engage in a variety of experiences designed to foster their continual growth. This curriculum guide is based on Michigan State Standards established for each subject area. These are the core learning expectations that will be taught and assessed to determine your child's progress this year.

As a parent, active participation in your child's education is essential. Your child is very valuable to us, and we want him/her to succeed at school. Please support this effort through ensuring good attendance, communicating often with teachers, and encouraging your child to always do his/her personal best.

The shaded areas indicate in which marking period the standards are expected to first be assessed.

LITERACY	1st	2nd	3rd	4th
Reading, Word Study , Fluency, Comprehension, Metacognition				
Reading Level	▓			
Reads fluently	▓			
Comprehends materials read	▓			
Determines central ideas or themes; summarizes key supporting details and ideas		▓		
Explains the differences between poems, drama, and prose		▓		
Identifies informational text patterns		▓		
Determines meaning of words and phrases as they are used in a text		▓		
Comprehends the meaning of words and phrases using spelling patterns such as prefixes, suffixes, endings				▓
Writing				
Correctly spells words commonly used in fourth grade		▓		
Writes routinely over extended time frames and shorter time frames			▓	
Writes original pieces in a variety of genre; opinion, informative, narrative				▓
Independently writes correct paragraphs using sound mechanics, grammar, topic, supporting and concluding sentences	▓			
Exhibits style and voice to create interesting writing	▓			
Handwriting: use keyboarding within other subjects and reteach cursive when needed	▓			
Speaking/Listening				
Engage effectively in a range of conversations and collaborative discussions	▓			
Review key ideas expressed and explain ideas and understanding in light of the discussion	▓			

Mathematics	1st	2nd	3rd	4th
Read and write multi-digit whole numbers using base-ten numerals	▓			
Use place value understanding to round whole numbers to any place	▓			
Fluently add and subtract multi-digit whole numbers using standard algorithm	▓			
Multiply a whole number of up to four digits by a one-digit number, and multiply two two-digit numbers, using multiple strategies	▓			
Find whole-number quotients and remainders with up to four-digit dividends and one-digit divisors using multiple strategies		▓		
Explain why a fraction a/b is equivalent to a fraction (n X a/(n X b)			▓	
Compare two fractions with different numerators and different denominators			▓	
Understand a fraction as a sum of fractions			▓	
Decompose a fraction into a sum of fractions with the same denominator			▓	

Add and subtract mixed numbers with like denominators				
Solve word problems involving addition and subtraction of fractions				
Multiply a fraction by a whole number				
Understand a multiple of a/b as a multiple of 1/b; multiply a fraction by a whole number				
Solve word problems involving multiplication of a fraction by a whole number				
Express a fraction with a denominator of 10 as an equivalent fraction with denominator 100; add two fractions with denominators of 10 and 100				
Use decimal notation for fractions with denominators of 10 or 100				
Compare two decimals to hundredths by reasoning about their size				
Know relative sizes of measurement units within one system of units				
Use the four operations to solve word problems involving distances, intervals of time, liquid volumes, masses of objects, and money				
Apply the area and perimeter formulas for rectangles in real world and mathematical problems				
Make a line plot to display a data set of measurements in fractions of a unit				
Solve problems involving addition and subtraction of fractions by using information presented in line plots.				
Recognize angles as geometric shapes that are formed wherever two rays share a common endpoint				
Measure angles in whole-number degrees using protractor				
Recognize angle measure as additive				
Draw points, lines, line segments, rays, angles, and perpendicular and parallel lines				
Classify two-dimensional figures				
Recognize a line of symmetry for a two-dimensional shape				

Science	**1st**	**2nd**	**3rd**	**4th**
Energy				
Waves: Waves and Information				
Structure, Function, and Information Processing				
Earth's Systems: Processes that Shape the Earth				
Social Studies	**1st**	**2nd**	**3rd**	**4th**
United States Studies				

Art	**1st**	**2nd**	**3rd**	**4th**
Acquire an understanding of art as a way of learning about themselves and the world around them using a variety of mediums. Create, reflect, respond and value personal work and the work of others.				
Music	**1st**	**2nd**	**3rd**	**4th**
Understand and appreciate music through song, movement, and instruments				
Physical Education	**1st**	**2nd**	**3rd**	**4th**
Develop knowledge, fitness levels, motor skills, and personal and social skills related to health and fitness				

Behavior and Work Habits				
These life skills are focused upon throughout the school year and reinforced through our KINGS expectations. They are essential behaviors not only in the classroom, but many are skills that will help each child develop into a successful, productive adult.	**1st**	**2nd**	**3rd**	**4th**
Keep Safe; demonstrates behavior for the safety of self and others				
I'm Responsible; demonstrates responsibility for belongings, completing tasks, following directions and accepts challenges of learning				
Never Give Up; completes work neatly and accurately, pursues task to completion				
Good Manners; solves conflicts constructively, works and plays well with others,				
Show Respect; Is respectful of rights, feelings, and property of self and others.				