

Davison Community Schools
Developmental Kindergarten Mathematics

Course Outline

September

The theme of apples serves as a context for sorting, counting, patterning, graphing, and comparing this month.

October

Pumpkins and leaves provide numerous contexts for counting, sorting, patterning, graphing, and measuring.

November

This month, students combine shapes to make designs, pictures, and larger shapes. They count, sort, pattern, and graph shapes. They hunt for shapes in the classroom, around the school, and on the playground.

December

Students explore the onset of winter as they create pattern block designs, solve story problems, make calendar markers, and follow the adventures of Little Mouse as she learns how six-sided snowflakes are formed.

January

Puzzles provide engaging contexts for counting, comparing, sorting, patterning, graphing, and problem-solving this month.

February

From counting to comparing sets, reading and writing numerals to showing and solving addition problems, sorting to patterning to graphing, February is filled with fun and friendly teddy bear math.

March

Robots provide rich opportunities for revisiting shapes this month, along with sorting, patterning, counting, solving story problems, and collecting data.

April

This month, students explore symmetry; sequence events; order numbers; compare sets; create different combinations of 4, 5, and 6; and practice addition doubles.

May

Students model and solve story problems; explore the idea of counting on; and use Unifix cubes in two different colors to build combinations of 4, 5, and 6.

Priority Standards

Standard	
K.CC.1	Count to 30 by ones and tens
K.CC.3	Write numbers from 0-10 without support. Represent a number of objects with a written numeral 0-10.
K.CC.4b	The last number name said tells the number of objects counted regardless of the arrangement within 10
Patterns Supports OAs	Copies, extends, describes, and creates simple patterns with two or three elements (ABAB, ABB ABB, ABCABC, and so on) Copies and extends simple growing patterns (e.g., 1 block, 2 blocks, 3 blocks, 4 blocks)