

# Grade 3 Mathematics Curriculum

## Outcomes that are number dependant

**Number Outcomes** (they need to be differentiated through a progression)

N1-Say the number sequence forward and backward from 0 to 1000.

N2- Represent and describe numbers to 1000.

N3- Compare and order numbers to 1000.

N4- Estimate quantities less than 1000 using referents

N5- Illustrate the meaning of place value for numerals to 1000.

N6- Describe and apply mental math strategies for adding two 2-digit numerals such as adding from left to right, taking one addend to the nearest multiple of ten and then compensating, using doubles.

N7- Describe and apply mental math strategies for subtracting two 2-digit numerals

N9- Demonstrate an understanding of addition and subtraction of numbers with answers to 1000

N10- Apply mental math strategies and number properties such as using doubles, making 10, using commutative properties, using the 0 property, thinking of addition for subtraction to recall basic addition and subtraction facts to 18 and related subtraction facts.

N11- Demonstrate an understanding of multiplication to  $5 \times 5$

N12: Demonstrate an understanding of division.

N13- Demonstrate an understanding of fractions

SS2- Relate the number of second to a minute and minutes to an hour and the number of days to a month.

## Other outcomes

(can use numbers appropriate to students)

N8- Apply estimation strategies to predict sums and differences of two 2-digit numerals in a problem solving context.

SS3- Demonstrate an understanding of measuring length.

SS4- Demonstrate an understanding of measuring mass.

PR1- Demonstrate an understanding of increasing patterns

PR2- Demonstrate an understanding of decreasing patterns

PR3- Solve one-step addition and subtraction equations involving symbols representing an unknown number.

SS1- Relate the passage of time to common activities.

SS5- Demonstrate an understanding of perimeter of regular and irregular shapes

SP2- Construct, label and interpret bar graphs to solve problems

SP1- Collect first hand data and organize it.

## Outcomes that are not number dependant.

SS6- Describe 3D objects according to the shape of the faces and the number of edges and vertices.

SS7- Sort regular and irregular polygons.

