

Number Outcomes:

N5.1 Represent, compare, and describe whole numbers to 1 000 000 within the contexts of place value and the base ten system, and quantity. ([C, CN, R,T, V])

N5.2 Analyze models of, develop strategies for, and carry out multiplication of whole numbers. ([C, CN, ME, PS, R, V])

N5.3 Demonstrate, with and without concrete materials, an understanding of division (3-digit by 1-digit) and interpret remainders to solve problems. ([C, CN, PS, R])

N5.4 Develop and apply personal strategies for estimation and computation including:

front-end rounding

compensation

compatible numbers.

([C, CN, ME, PS, R, V])

N5.5 Demonstrate an understanding of fractions by using concrete and pictorial representations to:

create sets of equivalent fractions

compare fractions with like and unlike denominators.

([C, CN, PS, R, V])

N5.6 Demonstrate understanding of decimals to thousandths by:

describing and representing

relating to fractions

comparing and ordering.

([C, CN, R, V])

N5.7 Demonstrate an understanding of addition and subtraction of decimals (limited to thousandths).

([C, CN, PS, R, V])

Patterns and Relations Outcomes:

P5.1 Represent, analyse, and apply patterns using mathematical language and notation. ([C, CN, PS, R, V])

P5.2 Write, solve, and verify solutions of single-variable, one-step equations with whole number coefficients and whole number solutions. ([C, CN, PS, R])

Shape and Space Outcomes:

SS5.1 Design and construct different rectangles given either perimeter or area, or both (whole numbers), and draw conclusions. ([C, CN, PS, V])

SS5.2 Demonstrate understanding of measuring length (mm) by:

selecting and justifying referents for the unit mm

modelling and describing the relationship between mm, cm, and m units.

([C, CN, ME, PS, R, V])

SS5.3 Demonstrate an understanding of volume by:

selecting and justifying referents for cm^3 or m^3 units

estimating volume by using referents for cm^3 or m^3

measuring and recording volume (cm^3 or m^3)

constructing rectangular prisms for a given volume.

([C, CN, ME, PS, R, V])

SS5.4 Demonstrate understanding of capacity by:

describing the relationship between mL and L

selecting and justifying referents for mL or L units

estimating capacity by using referents for mL or L

measuring and recording capacity (mL or L).

([C, CN, ME, PS, R, V])

SS5.5 Describe and provide examples of edges and faces of 3-D objects, and sides of 2-D shapes that are:

parallel

intersecting

perpendicular

vertical

horizontal.

([C, CN, R, T, V])

SS5.6 Identify and sort quadrilaterals, including:

rectangles

squares

trapezoids

parallelograms

rhombuses

according to their attributes. ([C, R, V])

SS5.7 Identify, create, and analyze single transformations of 2-D shapes (with and without the use of technology). ([C, CN, R, T, V])

Statistics and Probability Outcomes:

SP5.1 Differentiate between first-hand and second-hand data. ([C, R, T, V])

SP5.2 Construct and interpret double bar graphs to draw conclusions.

SP5.3 Describe, compare, predict, and test the likelihood of outcomes in probability situations. ([C, CN, PS, R])