

GRADE 7 SCOPE AND SEQUENCE

There are MANY good ways to structure and organize the curriculum. This is one way that I think ties topics together well, and follows a logical progression of skills. All of the curricular content areas are listed below and the competencies are the vehicles through which we teach the content so they would be connected to each content standard.

- 1) Multiplication and division facts to 100 – using strategies
- 2) Operations with Integers
 - All operations including Order of Operations - Consider GEMA rather than BEDMAS
- 3) Discrete Linear Relations using expressions, tables and graphs
 - Cartesian coordinates and graphing
 - Two-step equations with whole number coefficients, constants and solutions – consider using algebra tiles and visual patterns to approach it in multiple ways
- 4) Relationships between decimals, fractions, ratios and percents
 - Probability of two independent events – this is a practical application of fractions
 - Operations with decimals – all operations including order of operations
 - Financial literacy – sales tax, tip, discounts
- 5) Circumference and area of circles – this will use their knowledge from operations with decimals
 - Volume of rectangular prisms and cylinders – will also use their decimal knowledge
 - Circle graphs
- 6) Combinations of transformations – this links well with art activities as well as Indigenous designs and artwork

