

GRADE 5 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) Fluency with Adding and Subtracting – using strategies

- Increasing and decreasing patterns that involve repeated addition or subtraction
- One-step equation with adding and subtracting $\rightarrow 4 + x = 12$
- Duration, using measurement of time

2) Multiplication and division facts to 100 – using strategies

- Increasing and decreasing patterns that involve multiplication and division
- One-step equation with adding and subtracting $\rightarrow 4x = 12$
- One-to-one correspondence and many-to-one correspondence, using bar graphs and pictographs (the many to one is really just multiplication and is tied to one-step algebraic equations. Daily graphs are fantastic for this.
- Area measurements for squares and rectangles – this are just arrays so another way to practice multiplication in context
- Relationship between area and perimeter – a way to practice multiplication and addition in context

3) Number Concepts to 1 000 000

- Financial Literacy with whole numbers – like comparing how much money three people have saved, or spent and comparing costs of items

4) Addition and Subtraction to 1 000 000

- Financial Literacy with whole numbers – questions involving saving or spending sums of money

5) Equivalent Fractions

- Probability experiments – we represent probability as fractions so students can apply their knowledge of sizes of fractions to help determine the likelihood of experiments

6) Decimals to thousandths

- Whole number, fraction and decimal benchmarks
- Addition and subtraction of decimals to thousandths
- Financial literacy involving money with change to 100 dollars. Use the strategies for subtraction (such as adding up) to make change and work with money. Having play money and a class store would be a great way to incorporate this for the rest of the year.

7) Classification of prisms and pyramids

8) Single transformations – this would tie in excellently with art and connecting to Indigenous art.



