

Ratio and Proportion Curriculum Map

I can...

Grade 1 & 2

- divide a quantity into two parts in a given (worded) ratio
- solve simple ratio problems
- use division and multiplication to represent ratio and proportion.

Grade 3

- use the unitary method to solve simple word problems involving ratio and direct proportion
- use proportional reasoning to solve simple problems
- simplify ratio in different units
- simplify a 3 part ratio
- understand the relationship between ratio and proportion
- divide a quantity into two parts in a given ratio
- reduce a ratio to its simplest form
- use direct proportion in simple context
- use ratio notation

Grade 4

- simplify ratios in the form 1:n or n:1 percentages to compare proportions
- check when two values are in direct proportion
- simplify ratios in decimal or fractional form
- identify and describe practical examples of direct proportion
- work out values that are in direct proportion
- recognise a graph showing direct proportion
- interpret ratio in different contexts
- divide a quantity into more than 2 parts in a given ratio

Grade 5 & 6

- use ratio to solve area problems
- understand variables in direct proportion can be written as ratios
- solve a problem in direct proportion if I know ratio of the variables
- calculate speed. Pressure and density from the formulas
- understand what rates of changes are and how to use them in context e.g rates of pay or rates of flow

Summer 1

