Stage 10 - Proportional reasoning

KEYWORDS

- Direct proportion
- Inverse proportion
- Multiplier

- Know the difference between direct and inverse proportion.
- Recognise direct or inverse proportion in a situation.
- Know the features of a graph that represents a direct or inverse proportion situation.
- Understand the connection between the multiplier, the expression and the graph.

THE BIG PICTURE

- Set up, solve and interpret problems involving direct and inverse proportion, including graphical and algebraic representations

Proportional reasoning - Targets	Before Topic	After Topic	Teacher Mark
Interpret graphs and equations that describe direct proportion			
Interpret graphs and equations that describe inverse proportion			
Solve problems involving the combining of ratios			
Solve complex problems combining understanding of fractions, percentages and/or ratio			
Solve more complex problems involving density			
Solve more complex problems involving pressure			
Solve more complex problems involving speed			