

# Maths subject

Substantive Knowledge

Disciplinary Process or skills (procedural)

Disciplinary Concepts

## Factual Knowledge

Counting/naming (numeral) in different group  
Number bonds/Times table facts  
Subitising  
Understand symbols  
Double/halve/odd/even  
Subject specific vocabulary

## Key Ideas

Compare (more, less),  
Order/Equality/estimate/partition/  
Composition/Part-part-whole  
Written +, - x ÷ inverse  
Mental +, - x ÷  
Grouping/Sharing  
Double/halve  
round

## Subject Specific Skills

Place value  
Addition/Subtraction/Multiplication/  
Division  
Fractions/decimals/Percentages/ratio/proportion  
Money/time/length/mass/capacity/area/perimeter  
Shape/position/direction/symmetry  
Graphs/data  
Represent/read/interpret/logical/systematic/explain/reason/solve/convert/identify/match/sort

## Key Concepts

Number  
Geometry  
Statistics  
Measure  
algebra

