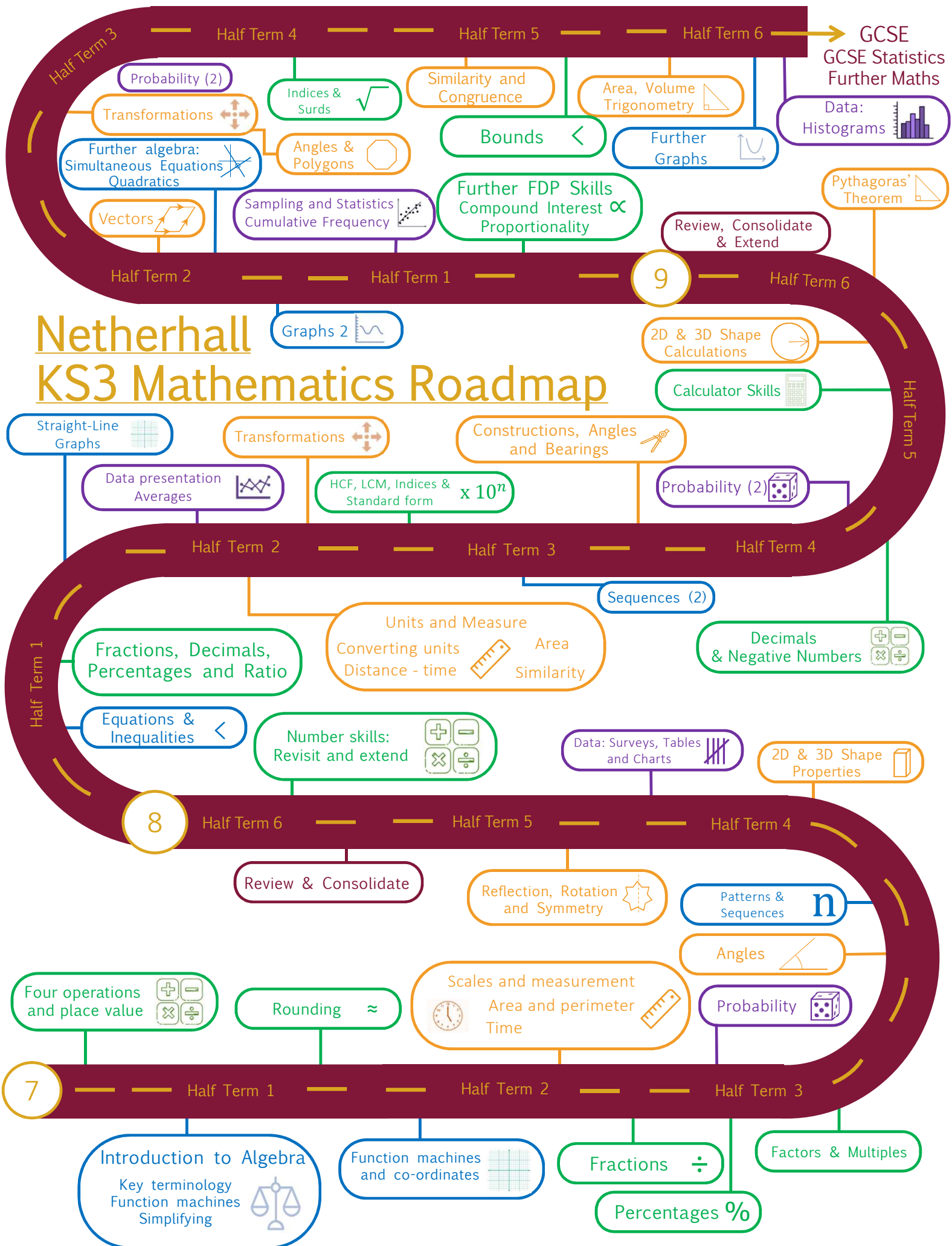


Netherhall KS3 Mathematics Roadmap



Half Term 3

Consolidation & revision

Mock 2 (Dec)
Paper 1, 2 & 3

Indices & Surds $\sqrt{\quad}$

Standard form $\times 10^n$

Circles & Circle Theorems

Constructions & Loci

Pythagoras & Trigonometry

3D Pythagoras & Trigonometry

Probability:
Further Venn & Tree Diagrams
 $A \cap B$

Graph Transformations

Vectors

Transformations

Half Term 2

Half Term 1

11

$$\text{Mean} = \frac{\sum fx}{\sum f}$$

Averages & Range Σ

Statistics

Mock 1 (Oct)
Paper 1 & 2

$$a^2 = b^2 + c^2 - 2bc \cos(A)$$

Angles & Polygons

Circles & Circle Theorems

Ratio & Proportion $:$

Mock 2 (July)
Paper 1 & 2

Further Algebra

Half Term 5

Half Term 6

KS4 Mathematics Roadmap

$$V = \pi r^2 h$$



Quadratics

Functions $f(x)$

Bounds $<$

Graphs 2

Straight-Line Graphs

Fractions \div

Mock 1 (Feb)
Paper 1 & 2

Half Term 4

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

Percentages %

Calculator Skills

Vectors

Transformations

Symmetry & Similarity

$P(A \cap B)$

\emptyset $A \cup B$

Probability

Venn Diagrams

Constructions & Loci

Pythagoras & Trigonometry

Area & Volume

Measure

10

Half Term 1

Half Term 2

Half Term 3

Equations
Expressions

Inequalities & Formulae Expanding & Factorising

Simultaneous Equations

$$\frac{xy^2}{x^2y}$$

Indices & Surds $\sqrt{\quad}$

Expressions & Sequences **n**