

Year 7

Year 8

Place value and proportion

Place value, ordering and rounding, four operations. Averages and range, estimation

Ratio, proportion and rates of change.

Properties of number
Speed, distance and time. Properties of number

Number. Geometry and measures

Add and subtract fractions. Angles and polygons

Direct number and Fractional thinking

Operations and equations with direct numbers. Parts of amounts. Perimeter and area

Statistics and Number

Graphing data
FDP

Algebra thinking

Sequences
Algebraic notation
Equality and equivalence

START

KS2



Algebra thinking
Place value and proportion
Statistics and number
Direct Number and fractional thinking
Ratio and number
Number, geometry and measures

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Algebra thinking
Place value and proportion
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Year 8

Year 9

Algebra, number and geometry

Cartesian plane
Multiply and divide fractions. Symmetry and reflection

Geometry and probability

Angles in parallel lines and polygons
Tables and probability

Geometry, statistics and algebra

Circles. Graphs and charts. Sequences

Geometry, algebra and number

Area, volume and density
Equations and inequalities
Percentages

Algebra, number and statistics

Indices
Standard index form
Interpret and represent data

Proportion and algebra

Ratio, proportion and scale
Algebraic manipulation

Year 7

START

Proportion and algebra

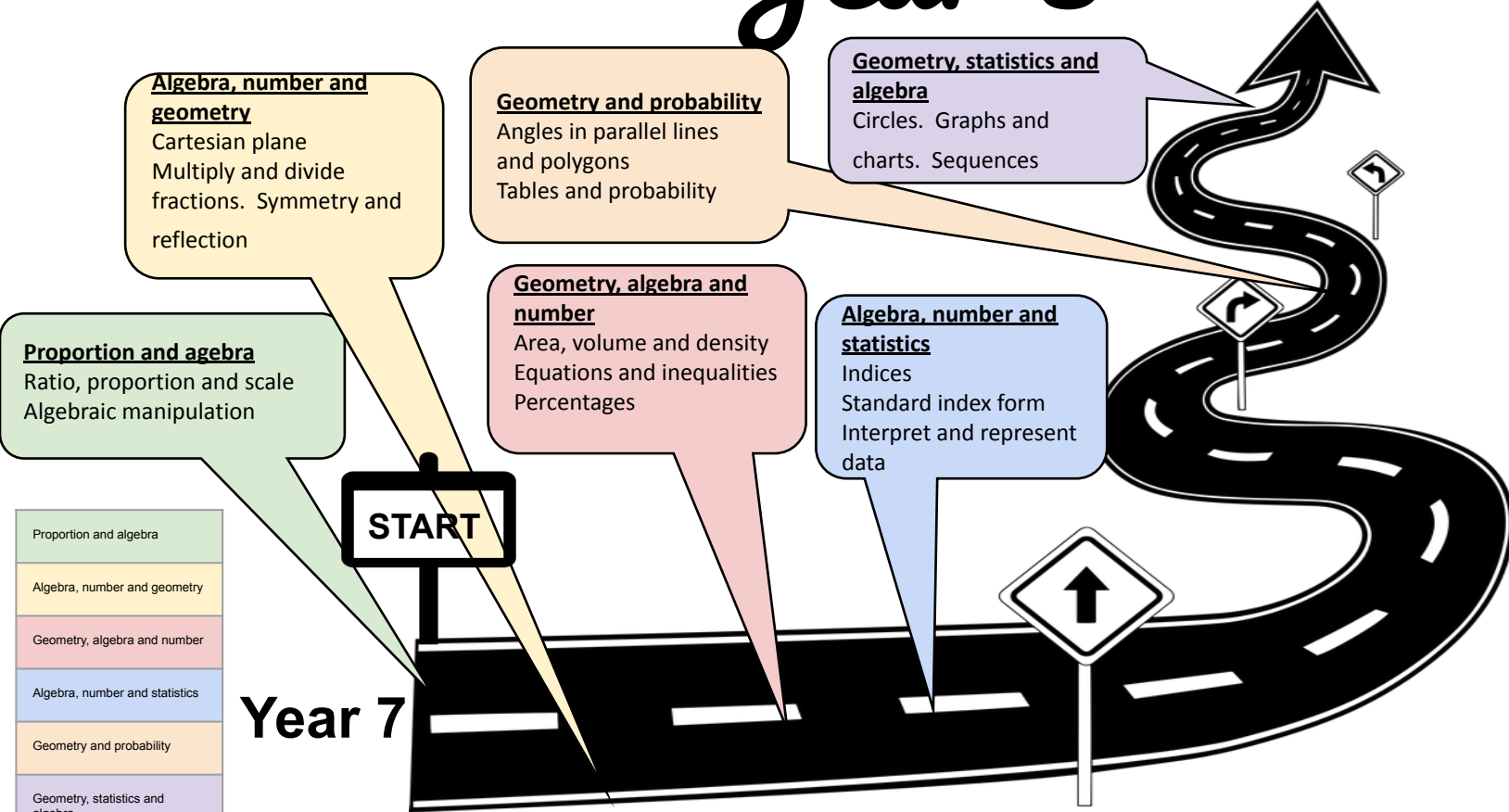
Algebra, number and geometry

Geometry, algebra and number

Algebra, number and statistics

Geometry and probability

Geometry, statistics and algebra



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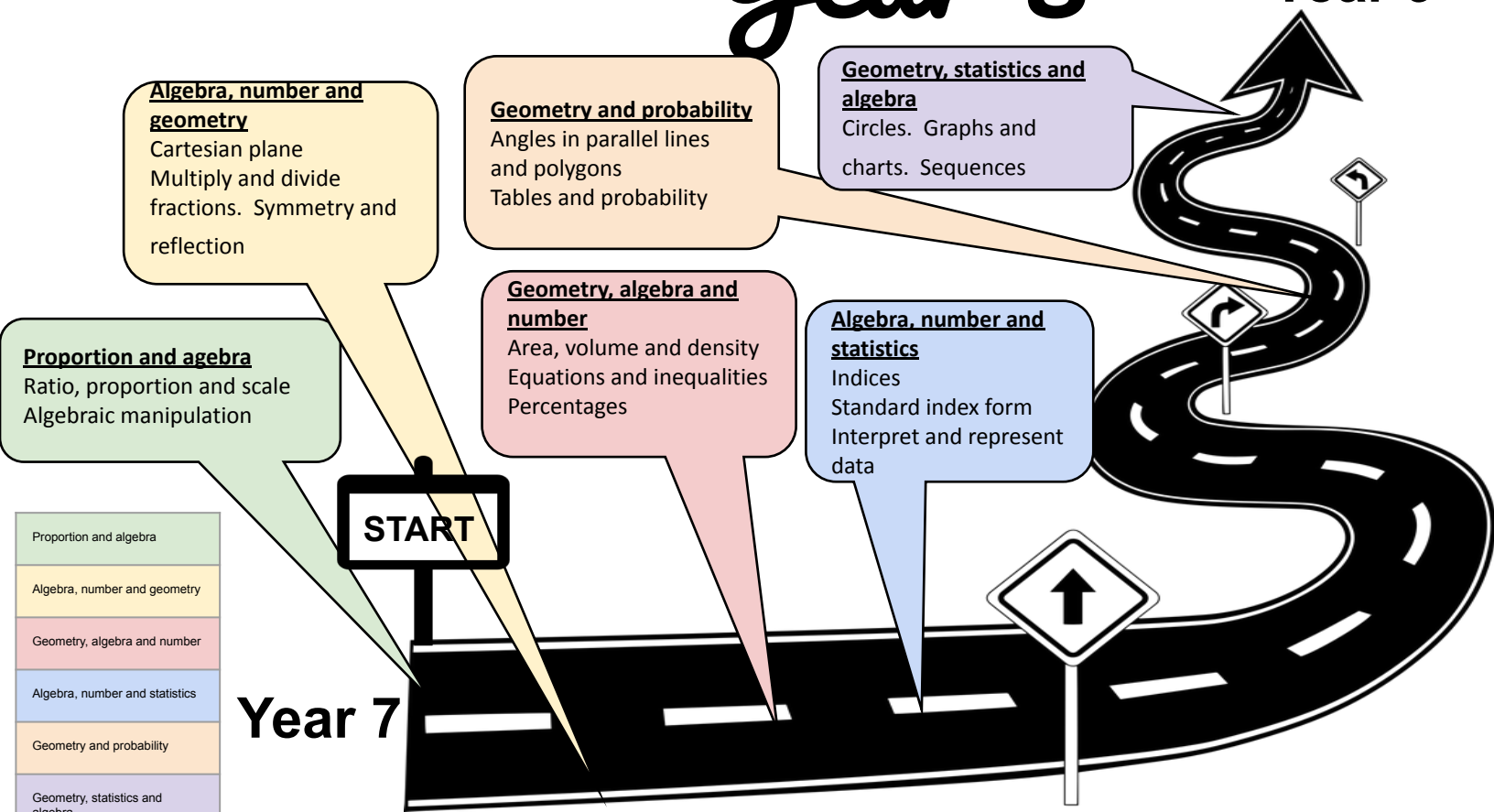
Algebra, number and geometry

Geometry, algebra and number

Algebra, number and statistics

Geometry and probability

Geometry, statistics and algebra



Year 9

Year 10

Algebra, number and ratio

Equations, inequalities and formulae
Fractions
Rates
Standard form

Geometry, algebra and probability

Pythagoras' theorem.
Non-linear graphs.
Probability

Geometry and algebra

Transformation.
Simultaneous equations

Number and geometry

Properties of number
Percentages
Area and volume

Number, algebra and ratio

Maths and money
Straight line graphs
Ratio and proportion

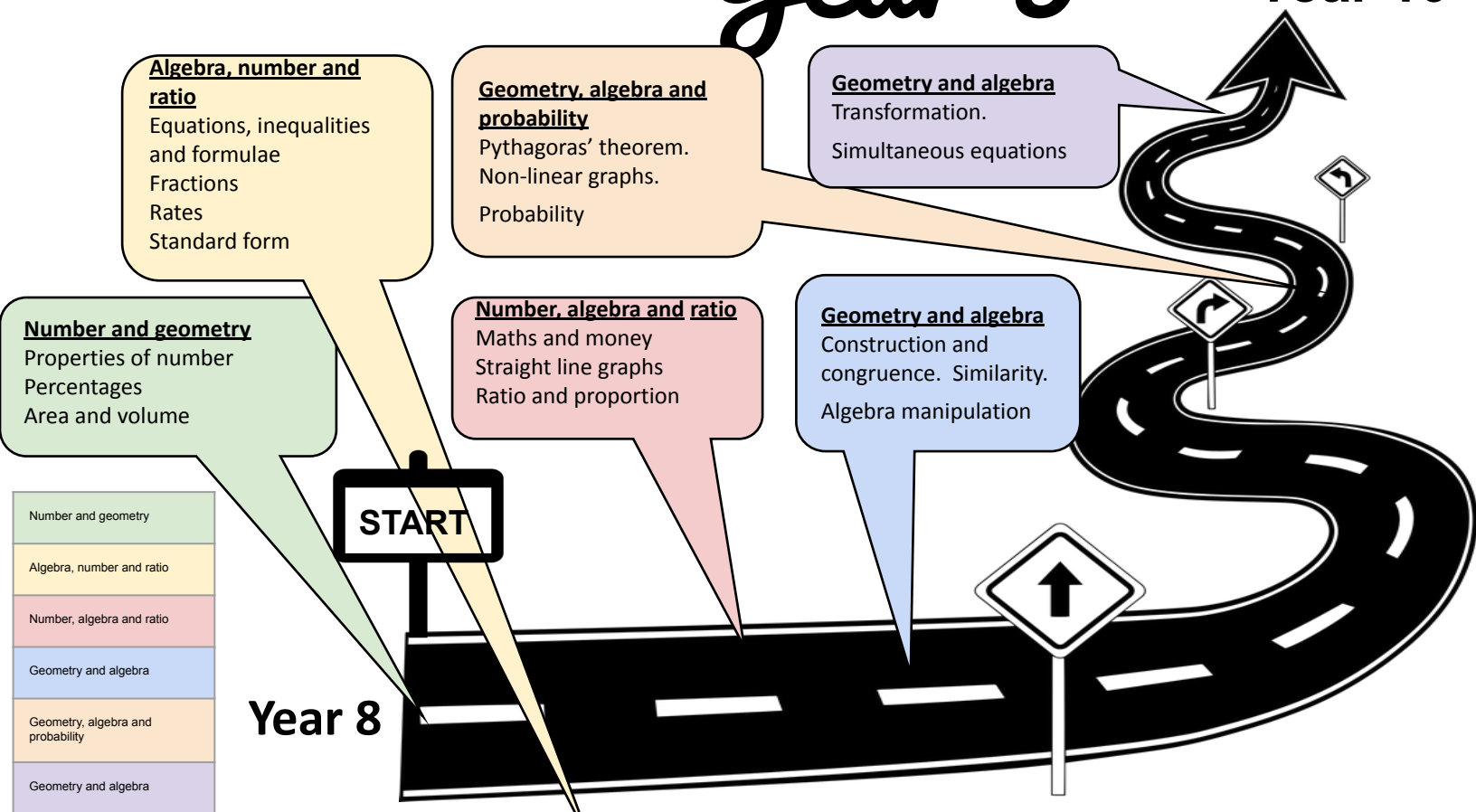
Geometry and algebra

Construction and congruence. Similarity.
Algebra manipulation

START

Year 8

Number and geometry
Algebra, number and ratio
Number, algebra and ratio
Geometry and algebra
Geometry, algebra and probability
Geometry and algebra



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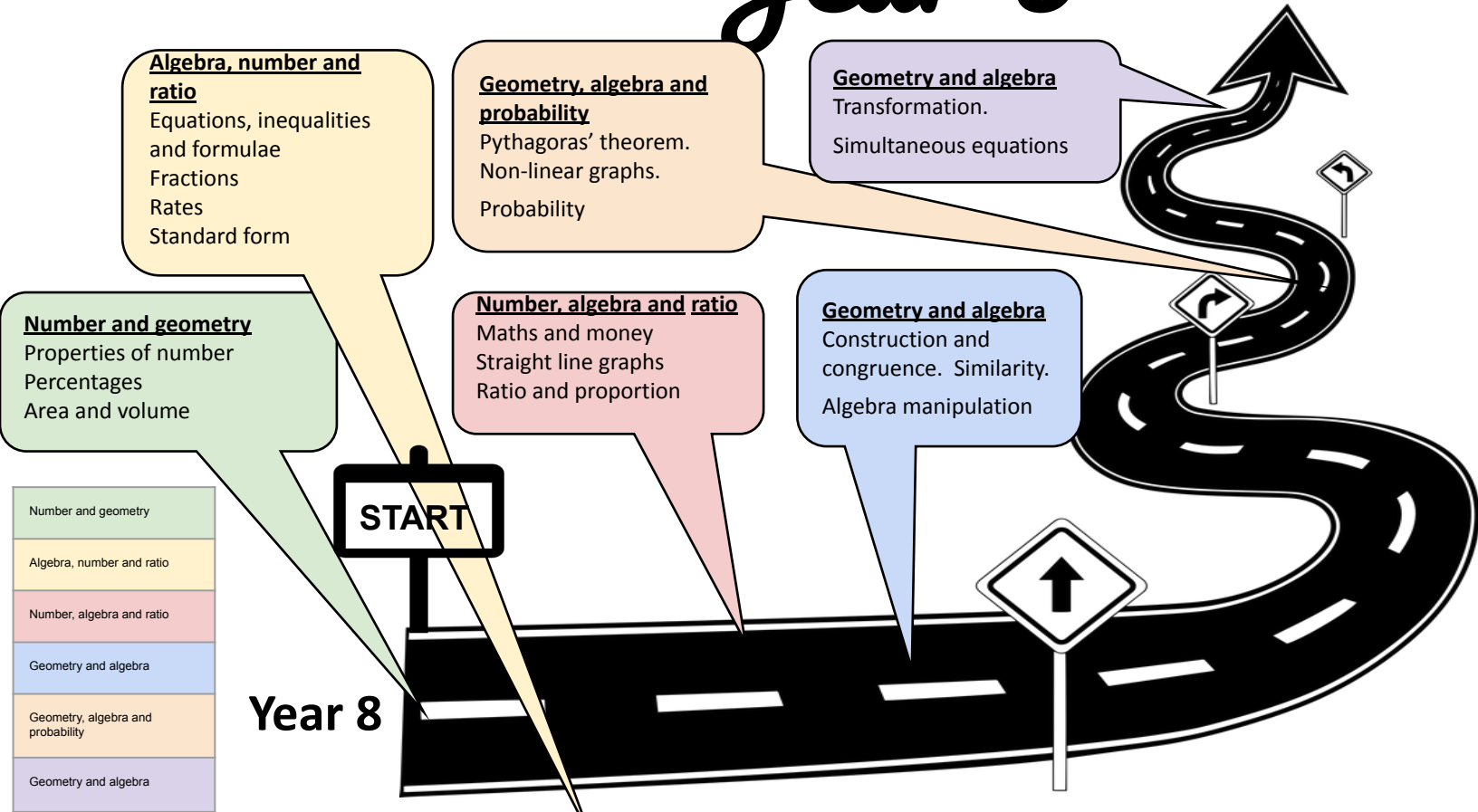
Algebra, number and ratio

Number, algebra and ratio

Geometry and algebra

Geometry, algebra and probability

Geometry and algebra



Year 10

Year 11

Number and ratio

Percentages. Ratio and scale. Working with fractions

Geometry and statistics

Angles. Graphs and diagrams. Vectors

Number, geometry and algebra

Factors and powers
Pythagoras' theorem and trigonometry
Simultaneous equations

Algebra

Algebraic manipulation
Equations, inequalities and formulae
Quadratic expressions and equations

Number, algebra and probability

Non- calc methods
Straight line graphs
Probability

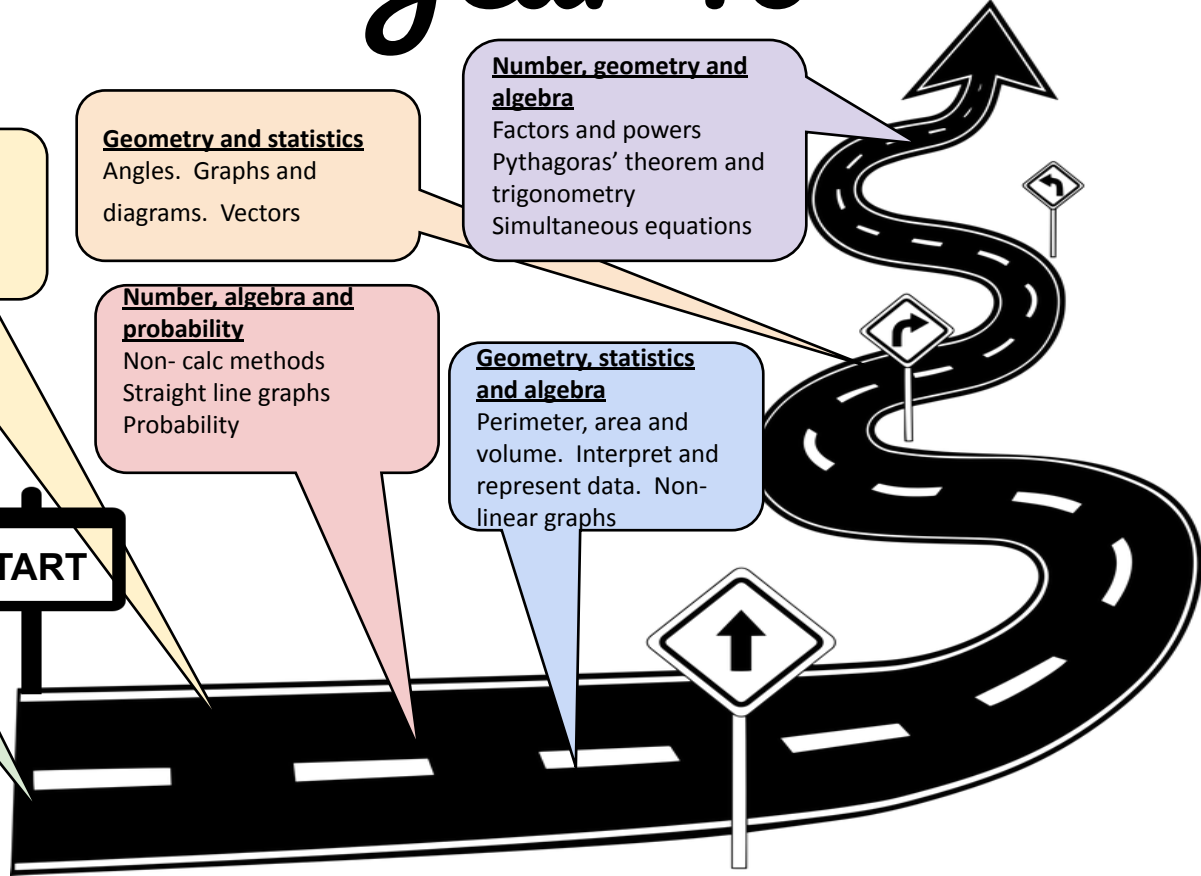
Geometry, statistics and algebra

Perimeter, area and volume. Interpret and represent data. Non-linear graphs

START

Year 9

Algebra
Number and ratio
Number, algebra and probability
Geometry, stats and algebra
Geometry and statistics
Number, geometry and algebra



Year 10

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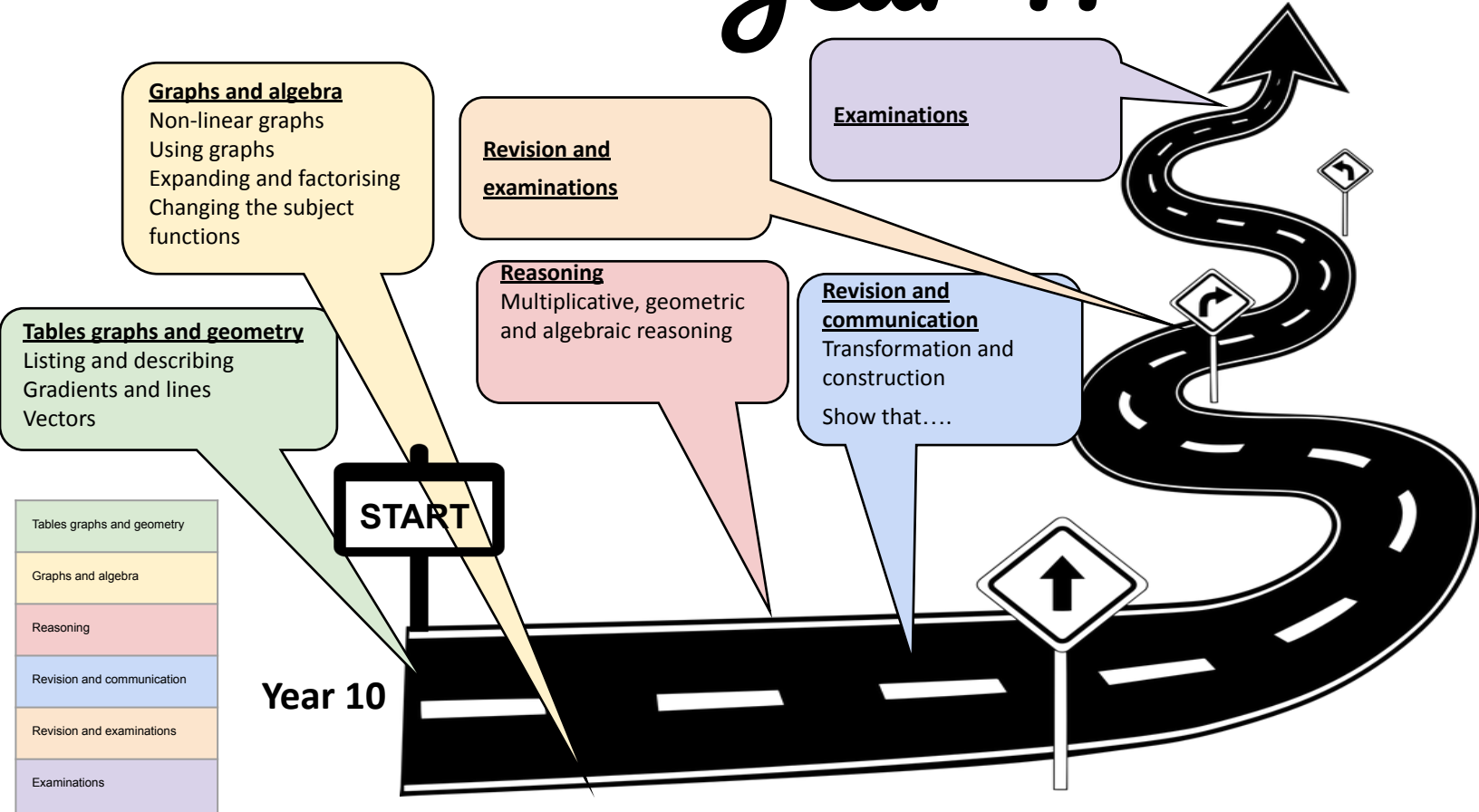
Year 9



Algebra
Number and ratio
Number, algebra and probability
Geometry, stats and algebra
Geometry and statistics
Number, geometry and algebra

Year 11

Destination



Year 11

Destination

Graphs and algebra

Non-linear graphs
Using graphs
Expanding and factorising
Changing the subject
functions

Revision and examinations

Examinations

Reasoning

Multiplicative, geometric
and algebraic reasoning

Revision and communication

Transformation and
construction
Show that....

Tables graphs and geometry

Listing and describing
Gradients and lines
Vectors

START

Year 10

Tables graphs and geometry
Graphs and algebra
Reasoning
Revision and communication
Revision and examinations
Examinations

