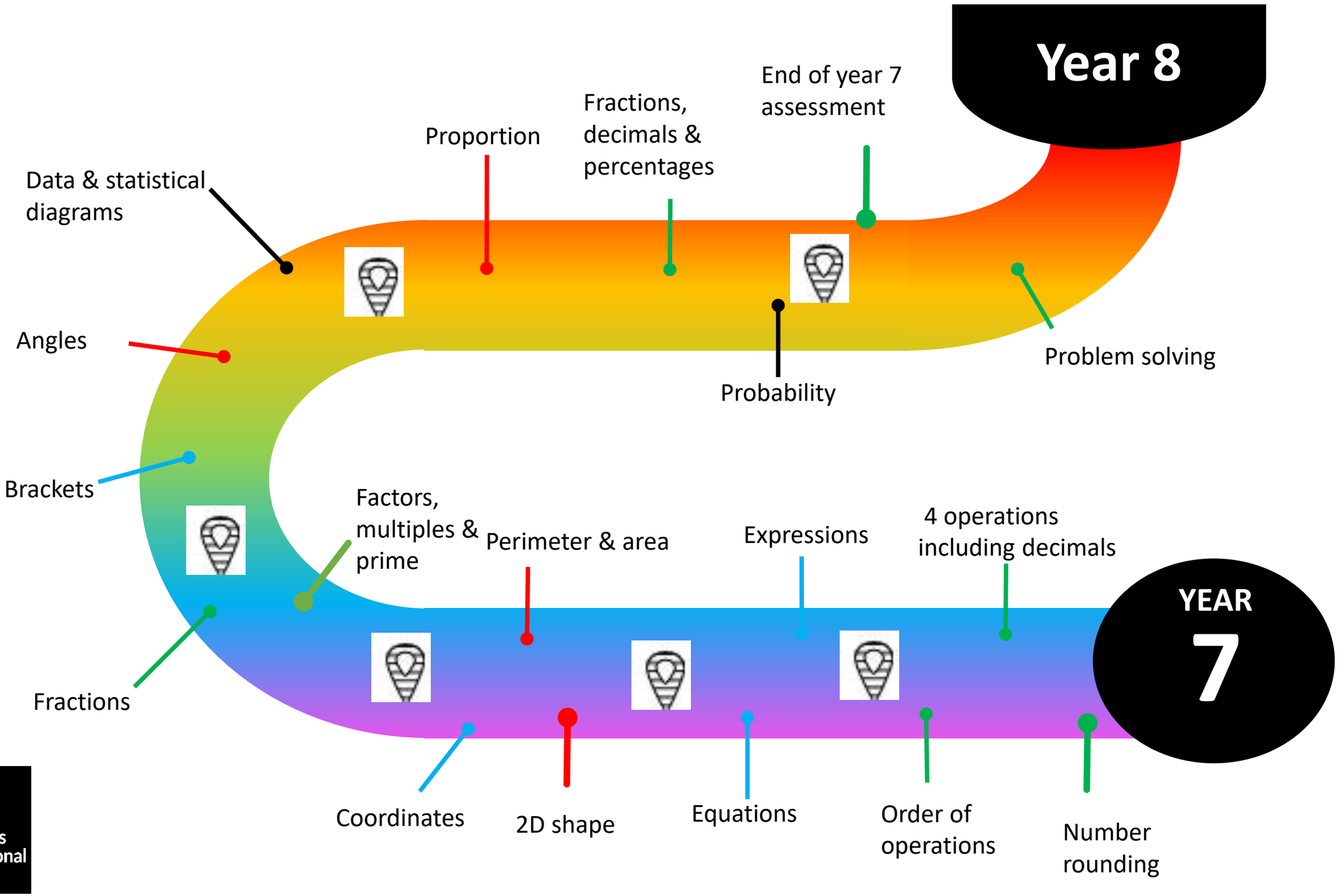
Year 7 Assessment Tracker

Mathematics

Learning Journey



Potteries Educational Trust

Year 8 Foundation : Assessment Tracker

Mathematics

Learning Journey

Year 9

Angles

Statistical Diagrams

Straight line graphs

Brackets

Recurring decimals

Surface Area and Volume

Transformations

Inequalities

Algebraic fractions

3D shapes

Venn Diagrams

Coordinates

Percentages

Ratio and proportion

Equations

YEAR 8

Standard form

Area

rounding

Sequences

Indices

Money

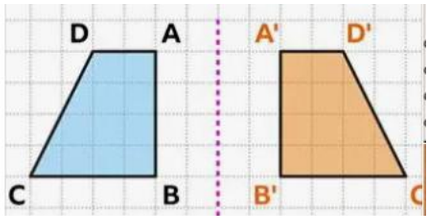
Potteries Educational Trust

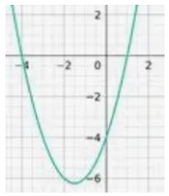
Year 9 Foundation Assessment tracker

My Minimum Expected Grade -

Key:
Assessment

Mathematics | Learning Journey |





Year 10

Non-linear graphs

Angles & bearings

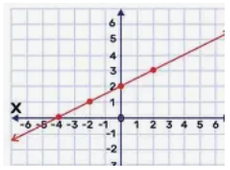
Transformations

Vectors

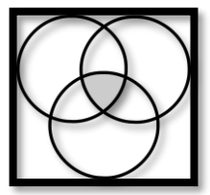
compound measure6s

Similar & congruent shapes

Handling data



Linear graphs



Ratio & proportion

Circles & cylinders



Formulae

Solving inequalities

Probability including Venn and tree diagrams

Pythagoras

YEAR 9

Rounding *

Constructions

Quadratics

Powers & standard form

Fractions & percentages

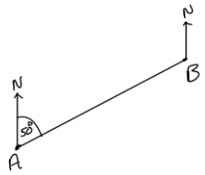
Potteries Educational Trust

Year 10 Foundation Learning Journey

My Minimum Expected Grade -

Key:
Assessment

Mathematics Learning Journey





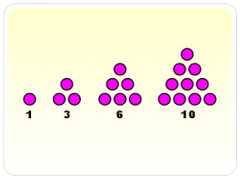
Year 11

Expanding brackets & factorisation including quadratics

Problem solving with angles including polygons, parallel lines & bearings

Solving simultaneous equations by elimination, substitution & graphically

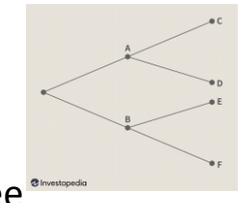
Constructions



Year 10 Exams6

Transformations, identifying similar & congruent shapes

Scatter graphs, frequency polygons, time series, pie charts & averages including grouped frequency tables



Percentages including reverse, compound interest and percentage change

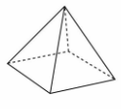
Constructing & solving linear equations and linear inequalities

Fractions, indices & standard form

Probability including tree diagrams, expectation & Venn diagrams

YEAR 10

Surface area



Pythagoras & trigonometry i

Drawing linear, non-linear graphs & real life graphs

Problem solving with ratio & proportion, conversion graphs, currency and best buys

Potteries Educational Trust

Year 11 Foundation Learning Journey

My Minimum Expected Grade -

Key:
Assessment

Mathematics Learning Journey

(1) $8x + 2y = 46$
(2) $7x + 3y = 47$

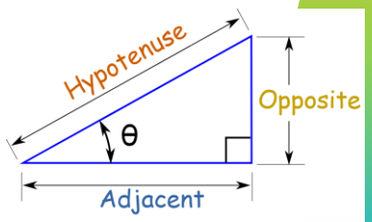
Future Pathways

Loci
Construct the locus of points that follow a rule
To solve problems using Loci

Simultaneous equations
Using the elimination method to solve simultaneous equations

Area and Volume
Area of named and compound 2Dshapes inc circles
Volume and surface area of prisms, cones, pyramids and spheres

Vectors
Calculate with column vectors
Draw a resultant vector
Solve simple vector geometry problems

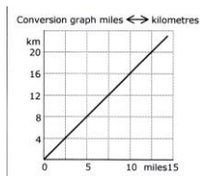


Graphs
Solving simultaneous graphs graphically
Finding the equation of a straight line
Drawing non linear graphs (squared, cubed and reciprocal)

Mocks

Pythagoras and Trigonometry
Use Pythagoras to find missing sides
Use trigonometry to find missing sides and angles
Draw and calculate bearings. Problem solving

Proportion
Recipes and best buys
Currency conversion
Recognising graphs of direct and inverse proportion
Solving direct and inverse proportion problems (non algebraic)



Equations
Solving Quadratic equations by factorising and from a graph

YEAR 11

Potteries Educational Trust