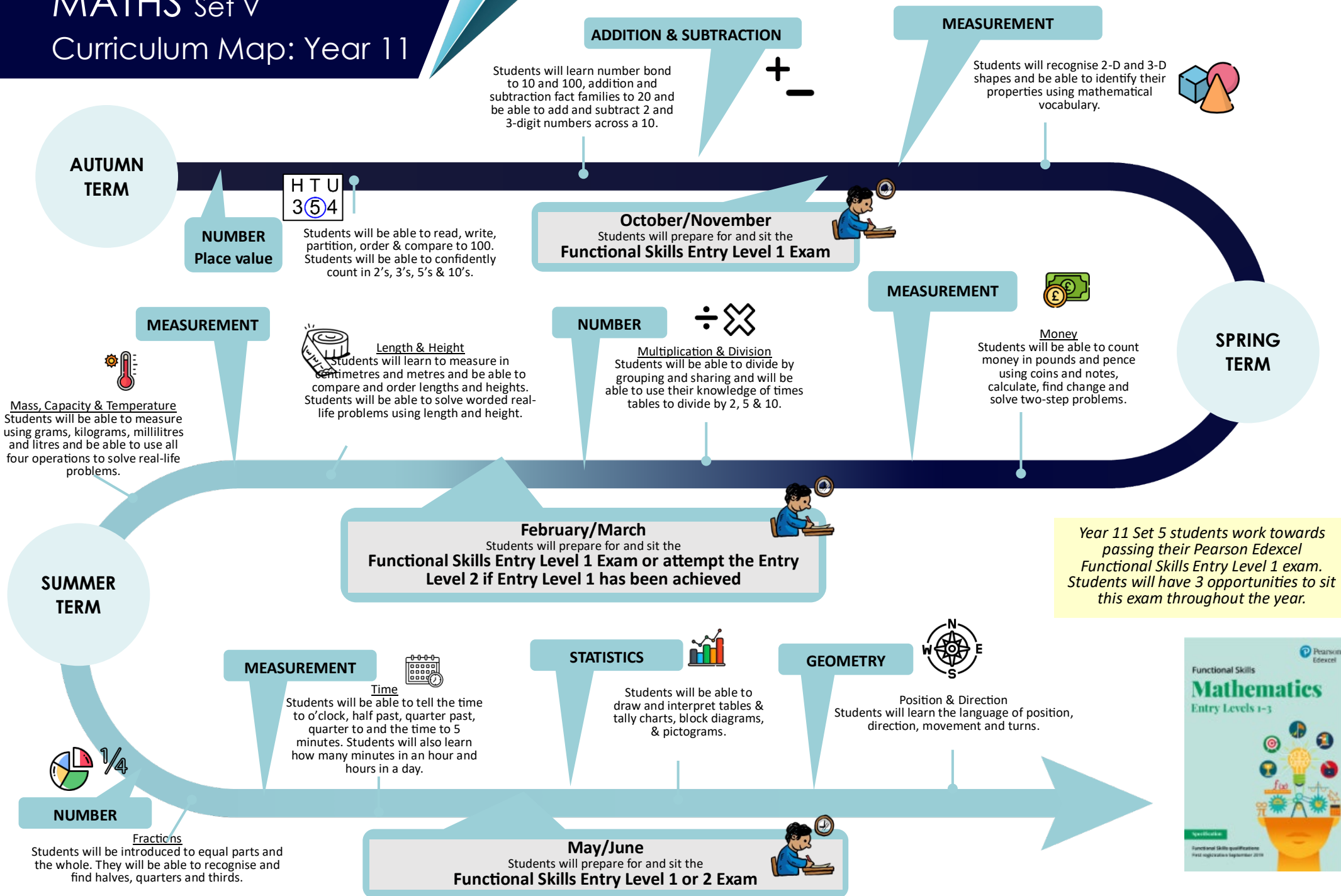


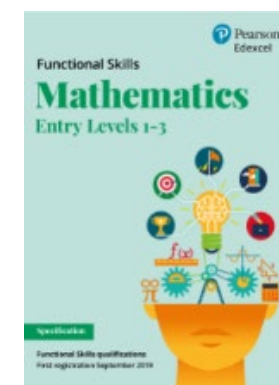
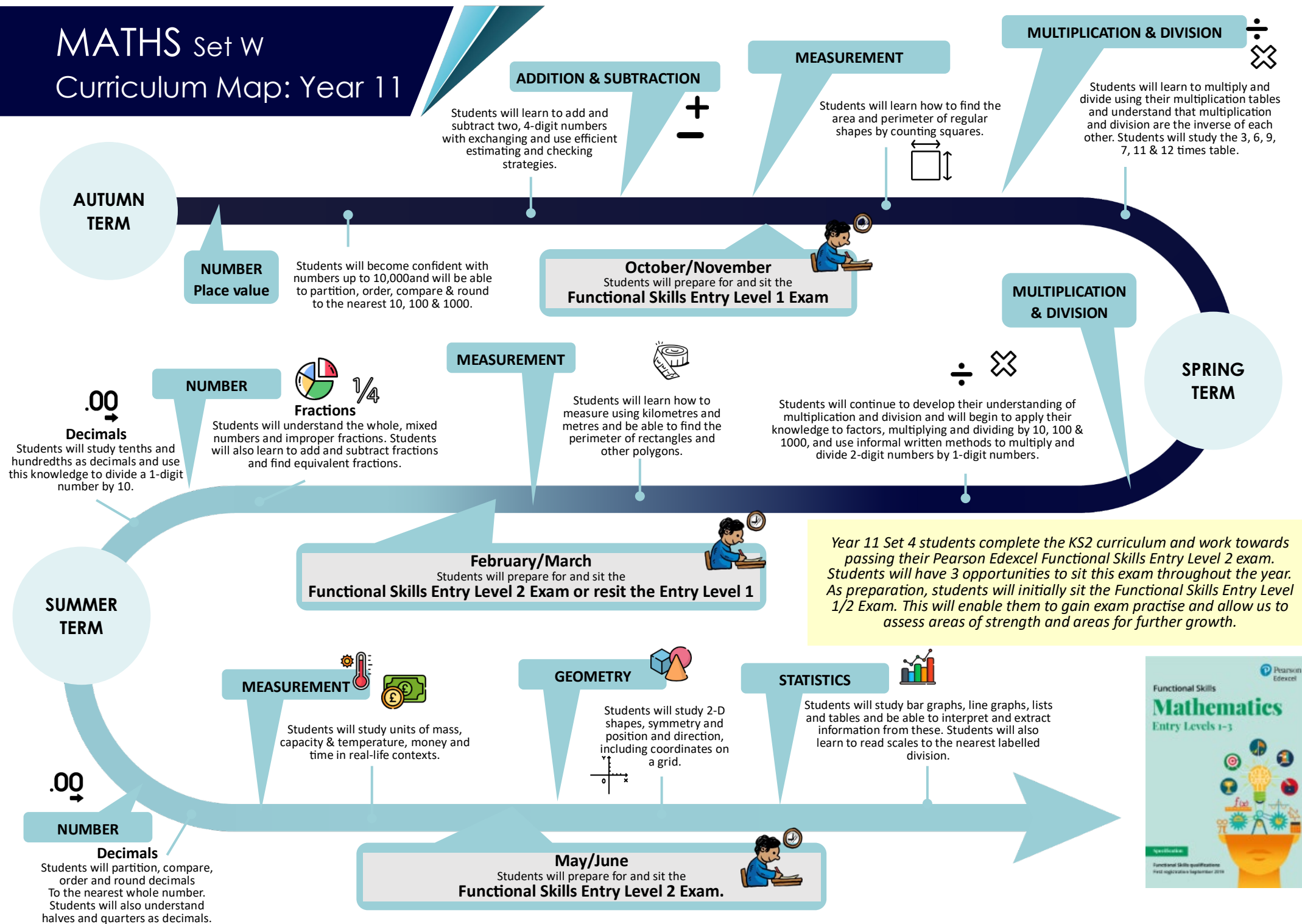
MATHS Set V

Curriculum Map: Year 11



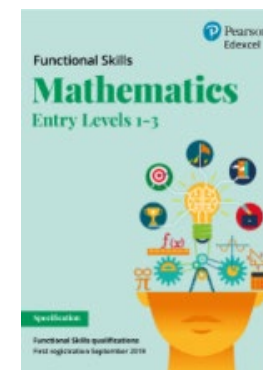
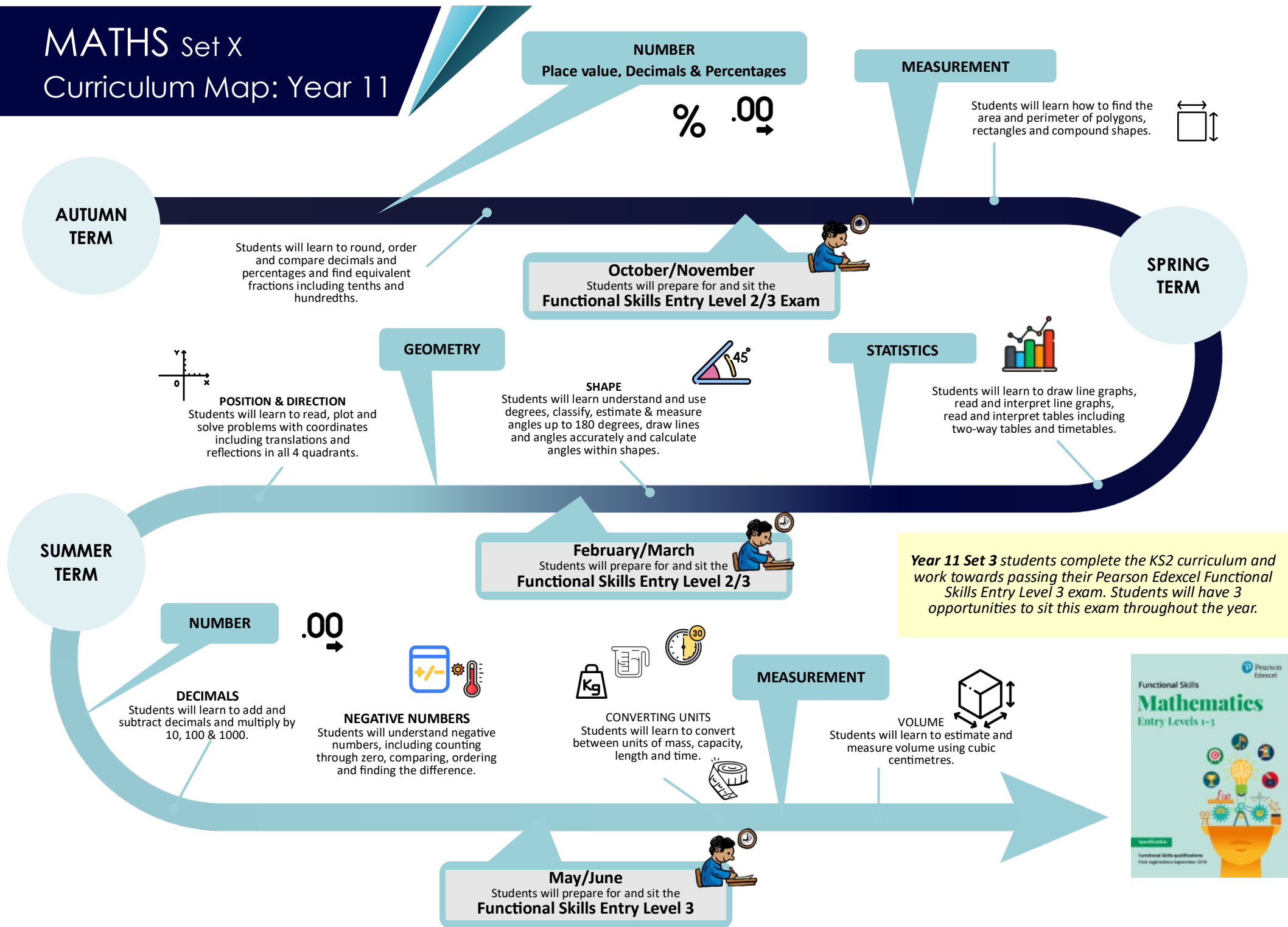
MATHS Set W

Curriculum Map: Year 11



MATHS Set X

Curriculum Map: Year 11



MATHS Set Y

Curriculum Map: Year 11

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Students will become fluent in the following number topics:

- Ordering integers & decimals
- Interpreting real-life tables
- Adding, subtracting, multiplying & dividing integers.
- Money in real-life
- Negatives in real-life
- Fraction, decimal & percentage equivalents.
- Factors, multiples & Primes
- Powers and indices.



MEASUREMENT

Students will become fluent in the following number topics:

- Perimeter of rectilinear shapes & polygons
- Area of rectangles & compound shapes

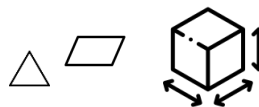


Place Value, Decimals & Percentages

AUTUMN
TERM

Students will become fluent in the following topics:

- Geometric definitions for polygons
- Symmetry
- Tessellations & congruency
- Angles
- Properties of 3-D shapes
- Nets
- Transformations
- Area & perimeter of triangles, parallelograms & trapeziums.
- Metric conversions
- Coordinates
- Volume
- Circle definitions
- Position & Direction



GEOMETRY

November
GCSE Mock Exams



Students will continue to study numbers and focus on:

- Extracting information from lists and diagrams
- Interpreting information
- Make comparisons and record changes from different formats, including bar charts and simple line graphs.

STATISTICS

SPRING
TERM

SUMMER
TERM

00
→

NUMBER

Students will become fluent in the following topics:

- Recognise and continue sequences with decimals.
- Read & write decimals to two decimal places.
- Understand negative numbers
- Count through zero
- Find the difference.



Students will become fluent in the following number topics:

- Converting units – g/kg, l/ml/m/mm/cm
- Convert units of time including reading from analogue and digital clocks and 24 hour clock.
- Calculate with money, using correct decimal notation and symbols for money.



MEASUREMENT



PROBABILITY

Students will become fluent in the following number topics:

- The probability scale
- Tally charts, bar graphs & pictograms
- Frequency trees
- Listing outcomes
- Calculating probabilities
- Mutually exclusive events
- Two-way tables
- Averages and the range
- Pie charts

Students will become fluent in the following number topics:

- Introduction to ratio
- Using ratio for recipes
- Introduction to percentages
- Value for money
- Introduction to proportion

RATIO

May/June
GCSE Exams



Online Learning:



All students have access to **Mathswatch**. Homework is set here and there are videos which help tutor the students if they get stuck.

Year 11 Set 2 have completed their Functional Skills Entry Level 3 qualification and will be preparing for their Foundation GCSE Maths Exam. They will be covering Grade 1-3 topics.

MATHS Set Z

Curriculum Map: Year 11

