Mathematics Learning Journey
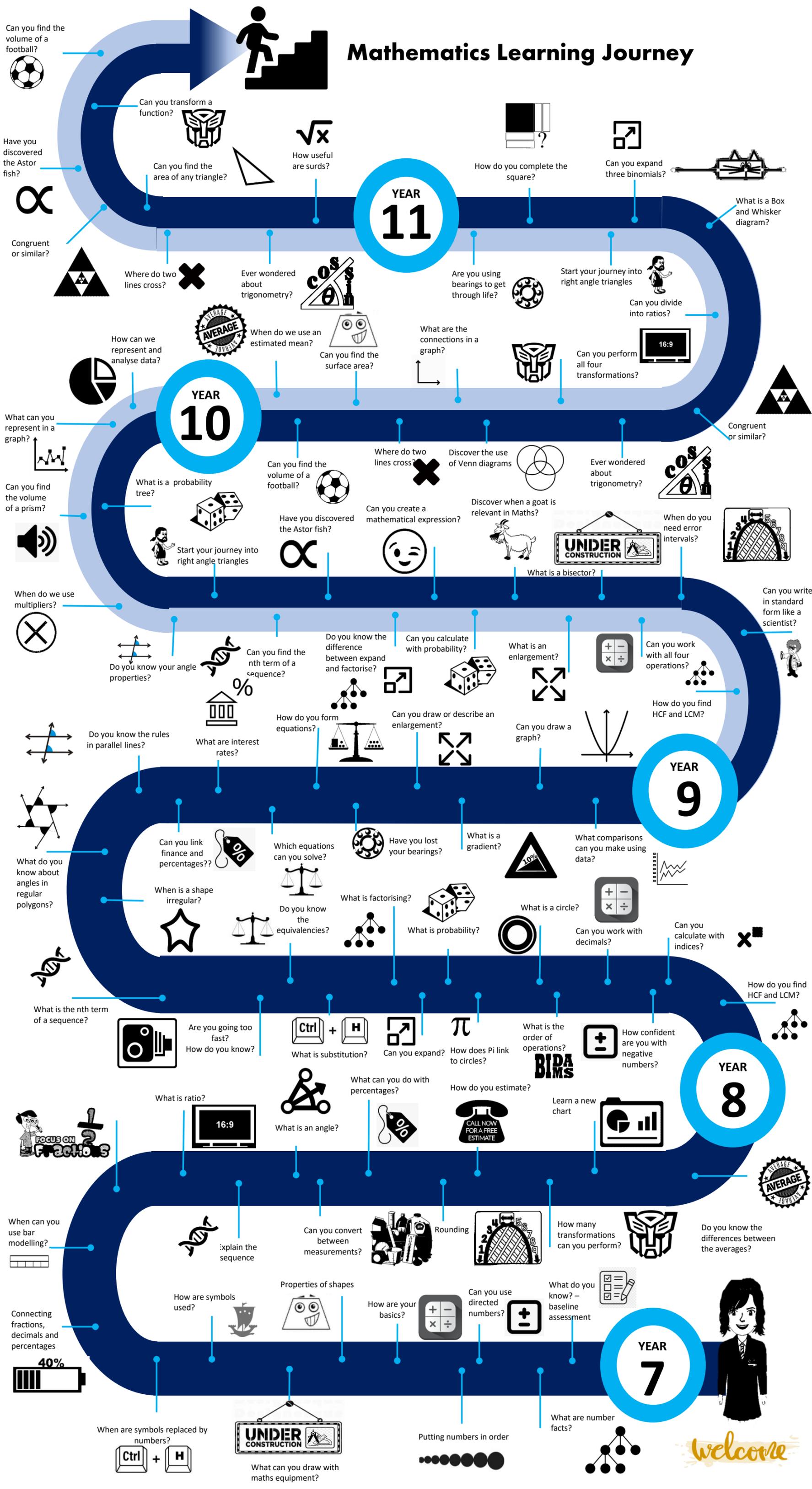
Can you find the volume of a football?

Can you transform a function?

Have you discovered the Astor fish?

Can you find the area of any triangle?

How useful are surds?

How do you complete the square?

Can you expand three binomials?

What is a Box and Whisker diagram?

Congruent or similar?

YEAR 11

Where do two lines cross?

Ever wondered about trigonometry?

When do we use an estimated mean?

Can you find the surface area?

What are the connections in a graph?

Are you using bearings to get through life?

Start your journey into right angle triangles

Can you divide into ratios?

Can you perform all four transformations?

Congruent or similar?

How can we represent and analyse data?

YEAR 10

What can you represent in a graph?

Can you find the volume of a prism?

What is a probability tree?

Can you find the volume of a football?

Have you discovered the Astor fish?

Can you create a mathematical expression?

Where do two lines cross?

Discover the use of Venn diagrams

Discover when a goat is relevant in Maths?

Ever wondered about trigonometry?

When do you need error intervals?

Start your journey into right angle triangles

What is a bisector?

When do we use multipliers?

Can you write in standard form like a scientist?

Do you know your angle properties?

Can you find the nth term of a sequence?

Do you know the difference between expand and factorise?

Can you calculate with probability?

What is an enlargement?

Can you work with all four operations?

Do you know the rules in parallel lines?

What are interest rates?

How do you form equations?

Can you draw or describe an enlargement?

Can you draw a graph?

How do you find HCF and LCM?

What do you know about angles in regular polygons?

Can you link finance and percentages??

Which equations can you solve?

Have you lost your bearings?

What is a gradient?

What comparisons can you make using data?

YEAR 9

When is a shape irregular?

Do you know the equivalencies?

What is factorising?

What is probability?

What is a circle?

Can you work with decimals?

Can you calculate with indices?

What is the nth term of a sequence?

How do you find HCF and LCM?

Are you going too fast? How do you know?

What is substitution?

Can you expand?

How does Pi link to circles?

What is the order of operations? BIDMAS

How confident are you with negative numbers?

YEAR 8

What is ratio?

What is an angle?

What can you do with percentages?

How do you estimate?

Learn a new chart

When can you use bar modelling?

Explain the sequence

Can you convert between measurements?

Rounding

How many transformations can you perform?

Do you know the differences between the averages?

How are symbols used?

Properties of shapes

How are your basics?

Can you use directed numbers?

What do you know? – baseline assessment

Connecting fractions, decimals and percentages

40%

YEAR 7

When are symbols replaced by numbers?

UNDER CONSTRUCTION

What can you draw with maths equipment?

Putting numbers in order

What are number facts?

welcome