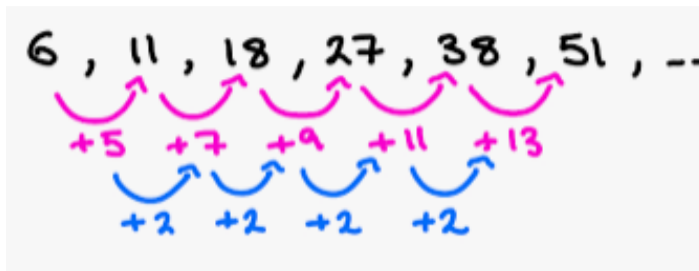# Maths Learning Journey

$f(x)$

Revision and Exams
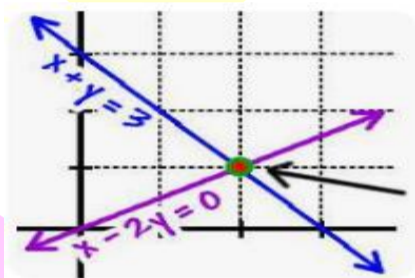
Take some time to review the key areas of learning that you have completed during your time at Woodhey. Get ready to thrive in your exams!

Sequences, Indices and Expressions

In term 3 of year ten we look at how Algebra can be used to represent patterns and how index laws make Maths fun!

Graphs

Year 11 begins by getting to grips with graphs and learning how graphs can show and do just about anything.
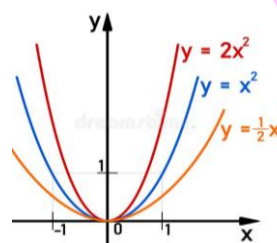
Mathematical Reasoning and Functions

Unlock the power of mathematical thinking as you prepare for your exams. Learn about functions and mathematicians think their great

11

Simultaneous equations, Inequalities and Trigonometry

Why solve on equation when you can solve two at the same time! In the first term of year 10 we find out how to do it.

10

Bearings, Circles and Vectors

In term 2 we will learn how to navigate at sea and how much more pizza you get when you order a medium vs. large.

Compound measures and Quadratics

In term 3 we learn about Race cars, bars of gold and why symmetry makes Maths beautiful.

Straight Line Graphs and Volume

In term 1 of year 9 we will learn that lines have names and figure out how many oranges you need to fill an Olympic swimming pool.
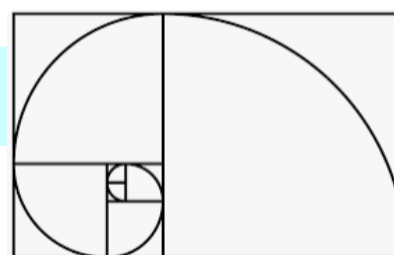
9

Angles, Polygons and Compound Shapes

In term three we look at what to do if you want to find the angles in a 1000 sided shape or the area of your back garden.

Fractions, Percentages, Surds and Pythagoras

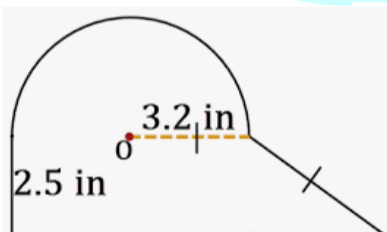What is a surd and why do they make everything easier? You'll find out in term 2.

Forming and solving equations

In term 2 we learn why Algebra is the greatest problem solving tool of all!

Ratio and Proportion

In the first term of year 8 we look at how multiplication makes everything better.

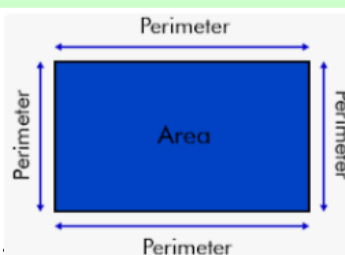**Statistical Diagrams and Probability**

Data is the new currency of our modern world, in term 3 we explore how it can be used to make anything true.

8

Area Perimeter Fractions and Brackets

In the second term we look at how shapes take Maths to a new dimension.

Number a

In the first term at Woodhey we find out what happens when the numbers get replaced with letters

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WOODHEY EXCELLENTIA