

F/H - Autumn 1

Year 10 Mastery Skill - AUTUMN 1		R	A	G
1.1	I can identify and use written calculations to solve worded problems.			
1.2	I can calculate with all four operations of arithmetic using positive and negative numbers			
1.3	I can apply the hierarchy of operations to accurately work out calculations involving two or more operations			
1.4	I can identify and write the inverses for operations and apply these to check the results of calculations and develop the skills required to solve equations			
2.1	I can interpret and construct: Frequency tables			
2.2	I can interpret and construct: Pictograms			
2.3	I can interpret and construct: Bar charts and Vertical line graphs			
2.4	I can interpret and construct: Two way tables			
2.5	I can draw pie charts			
2.6	I can interpret pie charts			
2.7	I can use tables and line graphs for time series data			
3.1	I can calculate averages from raw data			
3.2	I can calculate averages from ungrouped data in a table			
3.3	I can calculate averages from grouped data in a table			
3.4	I can construct scatter diagrams and describe correlation			
3.5	I can draw a line of best fit and identify outliers			
4.1	I can recall and understand key definitions Integers, Whole Numbers, Factors, Multiples, Prime Numbers, Even, Odd, Square Numbers, Cube Numbers			
4.2	I can express a number as a product of its prime factors.			
4.3	I can simplify a collection of numbers that have been multiplied together by writing them in index form			
4.4	I can use the 'listing method' to find the highest common factor and lowest common multiple of a set of numbers			
4.5	I can use a prime factor tree to find the highest common factor and lowest common multiple of a set of numbers			

Strengths:

Improvements:

F/H - Autumn 2

Term 2 - Year 10 PLC	R	A	G
I can write and simplify ratios			
I can relate ratios to fractions			
I can divide a quantity into a ratio			
I can solve problems with ratio			
I can use direct proportion			
I can use the unitary method			
I can calculate inverse proportion			
I can use Pythagoras' theorem to find missing sides in right angled triangles			
I can solve problems with right angled triangles using Pythagoras			
I can label sides and angles in right angled triangles			
I can identify trigonometric ratios			
I can use trigonometry to find a missing side			
I can use trigonometry to find a missing angle			

Strengths:

Improvements:

Personal Learning Checklist (PLC) - Year 10

F/H - SPRING 1

Term 3 - Year 10 PLC	R	A	G
I can simplify fractions			
I can add/subtract fractions			
I can multiply/divide fractions			
I can understand a probability scale			
I can calculate basic probability			
I can find probability from a two way table			
I can draw a sample space diagram			
I can list all possible outcomes of events			
I can read frequency trees			
I can find probability from frequency trees			
I can read venn diagrams			
I can find probability from venn diagrams			
I can complete tree diagrams			
I can find probability from tree diagrams			

Strengths:

Improvements:



Personal Learning Checklist (PLC) – Year 10



F/H - SPRING 2



Personal Learning Checklist (PLC) - Year 10



F/H - SUMMER 1



Personal Learning Checklist (PLC) - Year 10



F/H - SUMMER 2