





Yr10: ASK Yourself!

Subject: Maths
Unit: Foundation

	Launching 1-2	Developing 3-4	Progressing 5-6	Mastering 7-9
 S skills				
	I need to be able to use the skills of TENSILE in maths.	I use TENSILE skills sometimes in maths.	I can use each of the TENSILE skills confidently.	I can expertly use TENSILE and see how each skill helps me learn.
 K knowledge				
Quadratic Inequalities	I can confidently identify and use the inequality symbols.	I can confidently solve a single linear inequality and represent on a number line.	I can confidently solve quadratic inequalities and represent the solution on a number line.	
Plot and Interpret Graphs	I can confidently plot linear and quadratic graphs by finding coordinates.	I can confidently plot and interpret quadratic and cubic graphs.		
Analysing Data	I can confidently understand different sampling methods	I can confidently plot and interpret scatter graphs and identify outliers	I can confidently draw and interpret box plots	
Trigonometry	I can confidently use Pythagoras theorem to solve problems.	I can confidently recall some exact values of sin, cos and tan.	I can confidently use Pythagoras and trigonometry to solve problems involving right angled triangles.	
Quality of Written Communication	I can confidently identify key information in a worded problem.	I can confidently use information to calculate an answer to a worded question.	I can confidently set my work out in clear stages and fully explain my answer.	
Maths investigations	I can confidently break a problem down into small steps.	I can confidently find a pattern to a set of results and describe it in words.	I can confidently find a pattern to a set of results and use it to predict future results.	

Number Recap

I can confidently calculate percentages of amounts.	I can confidently compare two quantities using percentages and calculate percentage increases and decreases.	I can confidently use multipliers to calculate percentage increases and decreases and solve compound interest problems.	
I can confidently find equivalent fractions and simplify fractions.	I can confidently add and subtract fractions with the same denominators.	I can confidently add and subtract fractions with different denominators.	
I can confidently find equivalent fractions and simplify fractions.	I can confidently multiply and divide fractions.	I can confidently multiply and divide mixed numbers and improper fractions.	
I can confidently simplify a ratio and share using a ratio.	I can confidently use linear/conversion graphs to solve proportion problems using rate of change.	I can confidently solve direct proportion problems using an algebraic method.	