



Year 7		Term 2		
Stage	Description			
	Section A Types of Number	Section B Fractions	Section C Fractions, Decimals and Percentages	
Emerging	<ul style="list-style-type: none"><li>Can identify square numbers and Prime numbers.</li><li>Know the meaning of ‘factor’ and ‘multiple’ and ‘prime’</li></ul>	<ul style="list-style-type: none"><li>Understand that two fractions can be equivalent.</li><li>Can identify and compare fractions to find the biggest.</li></ul>	<ul style="list-style-type: none"><li>Understand that a fraction is also a way of representing a division.</li><li>Students can find 1%, 10% and 5% of an amount.</li></ul>	
Developing	<ul style="list-style-type: none"><li>Can use knowledge of square numbers and cubed numbers to find areas and volumes.</li><li>Develop understanding of factors and multiples.</li></ul>	<ul style="list-style-type: none"><li>compare and order fractions, including fractions &gt; 1</li><li>Simplify a fraction.</li><li>Write a fraction in its lowest terms.</li><li>Confirm that a fraction is written in its lowest terms.</li></ul>	<ul style="list-style-type: none"><li>Know standard fraction / decimal / percentage equivalences (e.g. 10%, 25%, 50%, 75%).</li><li>Can find a fraction of an amount.</li><li>Students can convert a decimal into a fraction.</li></ul>	
Secure	<ul style="list-style-type: none"><li>Can sort data into sub groups using Venn diagrams.</li><li>Know the meaning of a common multiple (factor) of two numbers</li></ul>	<ul style="list-style-type: none"><li>Compare two top-heavy fractions.</li><li>Can convert between Mixed fractions and Improper fractions.</li></ul>	<ul style="list-style-type: none"><li>Use the equivalence between fractions, decimals and percentages when solving problems</li><li>Work out the percentage equivalents of fifths, eighths and tenths.</li></ul>	
Excellence	<ul style="list-style-type: none"><li>Identify common multiples (factors) of two numbers.</li><li>Is able to identify misconceptions and mistakes in questions, highlighting the errors and why they have been made.</li></ul>	<ul style="list-style-type: none"><li>Students have a method in place to add fractions including mixed fractions.</li><li>Students have a method in place to subtract fractions including mixed fractions.</li><li>Students can plan a response to more challenging worded questions identifying key information and the process needed.</li></ul>	<ul style="list-style-type: none"><li>Use the equivalence between fractions, decimals and percentages when solving problems.</li><li>Compare between fractions. Decimals and percentages</li><li>Solve worded questions using mixed fractions, decimals and percentages.</li></ul>	