

**Mathematics (White Rose Maths: Version 3.0)****Year 6 Milestones (Spring)**

	Basic	Expected	Deep
<b>Block 1: Ratio</b>			
Add or multiply?			
Use ratio language			
Introduction to the ratio symbol			
Ratio and fractions			
Scale drawing			
Use scale factors			
Similar shapes			
Ratio problems			
Proportion problems			
Recipes			
<b>Block 2: Algebra</b>			
1-step function machines			
2-step function machines			
Form expressions			
Substitution			
Formulae			
Form equations			
Solve 1-step equations			
Solve 2-step equations			
Find pairs of values			
Solve problems with two unknown numbers			
<b>Block 3: Decimals</b>			
Place value within 1			
Place value – integers and decimals			
Round decimals			
Add and subtract decimals			
Multiply by 10, 100 and 1,000			
Multiply decimals and integers			
Divide decimals and integers			
Multiply and divide decimals in context			
<b>Block 4: Fractions, decimals and percentages</b>			
Decimal and fraction equivalents			
Fractions as division			
Understand percentages			
Equivalent fractions, decimals and percentages			
Percentage of an amount- one step			
Percentage of an amount- multi-step			
Percentages- missing values			
<b>Block 5: Area, Perimeter and Volume</b>			
Shapes- same area			
Area and perimeter			
Area of a triangle- counting squares			
Area of a right-angled triangle			
Area of any triangle			
Area of a parallelogram			

Child's Name: \_\_\_\_\_

Rooted in Faith; Enriching Young Minds

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Volume- counting cubes			
Volume of a cuboid			
<b>Block 6: Statistics</b>			
Line graphs			
Dual bar graphs			
Read and interpret pie charts			
Draw pie charts			
The mean			