

## Westfield Middle School

## Year 5 Maths Overview

2014-2015

Autumn	Number - Place value  Factors and prime numbers	Addition and Subtraction  Mental methods for addition and subtraction	Multiplication and division -  Using multiplication and division facts.  Written methods for multiplication and division.	Fractions, decimals and percentages -  Tenths, hundredths and thousandths	Measurement -  Angles  Length, perimeter and area	Geometry -  2D and 3D shapes	Statistics -  Tables and bar charts
Spring	Number -  Negative numbers and solving problems with numbers.	Addition and subtraction -  Mental and written methods for large numbers and money.	Multiplication and division  Written methods Square and cube numbers.	Fractions -  Percentages  Adding and subtracting fractions	Geometry -  Reflections and translations	Measurement -  Capacity Mass	Statistics  Line graphs and comparative graphs
Summer	Number  Negative numbers and Roman numerals.	Addition and subtraction  Addition and subtraction involving large numbers and money.	Multiplication and division  Multiplication and division with remainders.  Involving money	Fractions - Ordering fractions and decimals.  Mixed and improper fractions.  Solving problems involving percentages	Geometry -  Diagonals and problems involving angles.  Perimeter, area and scale drawings.	Measurement  Volume, time and money.	Statistics -  Using tables and line graphs

Westfield Middle School		Year 6 Maths Overview				2014-2015	
Autumn	Calculation	Number	Handling Data	Shape	Fractions, decimals and percentages	Measures	
Spring	Calculation	Number	Handling Data	Shape	Fractions, decimals and percentages	Measures	
Summer	Revision - SATs		Measures - Project	Shape	Fractions, decimals and percentages	Algebra	

## Westfield Middle School

## Year 7 Maths Overview

2014-2015

Autumn	1. Number Whole numbers and decimals	2. Geometry Measures, perimeter and area	3. Algebra Expressions and formulae	4. Number Fractions, decimals and percentages	5. Geometry Angles and Shapes	6. Algebra Graphs
Spring	7. Number Whole number calculations	8. Statistics	9. Geometry - Transformations and reflections	9. Algebra - Equations	10. Number - Factors and multiples	
Summer	11. Geometry - Constructions and 3D shapes	12. Algebra Sequences	13. Number - Decimal calculations	14. Ratio and proportion -	15. Statistics- Probability	

## Westfield Middle School

## Year 8 Maths Overview

2014-2015

Autumn	1. Number Whole numbers and decimals	2. Geometry Measures, perimeter and area	3. Algebra Expressions and formulae	4. Number Fractions, decimals and percentages	5. Geometry Angles and Shapes	6. Algebra Graphs
Spring	7. Number Mental Calculations	8. Statistics Collecting and representing data	9. Geometry - Transformations	9. Algebra - Equations	10. Number - Written and calculator methods	
Summer	11. Geometry - Constructions	12. Algebra Sequences	13. Geometry 3D Shapes	14. Ratio and proportion -	15. Statistics- Probability	