

Year 8 Student Friendly Scheme of Work

Subject: Maths



Term/ Time	Topic	Activity	What will I be able to do?	What skills will I develop?	Assessment/ Research	Links with other subjects
Sept	Symmetry	Investigate symmetry by cutting & folding shapes Complete shape given line of symmetry Create symmetrical words	Identify line of symmetry Draw reflection given line symmetry Identify symmetry in letters	Working with others Creativity	End of topic test	Art
Oct	Statistics	Extracting information from graphs Collating and organising information Choosing a suitable graph Surveys	Generate tally tables/group frequency tables Interpret/ Draw Bar Charts, Pictographs	Managing Information Communication ICT Working with Others	Portfolio Task	Geography
Nov	Shape & Construction	Pinboard Investigations Maths Pack One Tessellations	Identify Special Triangles Identify Special Quadrilaterals Name Polygons Tessellate with shapes	Working with Others Investigation Problem Solving Creativity	End of Topic Test	Art
Dec	Angles	Maths Pack One estimating/measuring angles Paired work calculating missing angles Matching Games	Name angle Estimate Angle Draw angle Calculate missing angle	Working with Others ICT Problem Solving	End of Topic Test	TD
Jan	Time	Time DVD Calendars & Special Dates Maths Pack One Clock Faces Matching Analogue/Digital Digital Clocks Local Timetables	Sequence days/months/seasons Special Dates Simple Clock Times Correct use of AM/PM Analogue/Digital Time intervals Timetables	Working with Others ICT Problem Solving	End of Topic Test	HE LLW History

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Feb	Number/Money	Mental Maths Strategies for add/subtract Internet activity websites Maths Pack One Place Value	Add/Subtract mentally up to 100 Order whole numbers Identify place value Shopping Bills Money Notation Add/Subtract Money Money Problems	Problem Solving ICT	End of Topic Test	HE
Mar	Probability	Place events on a probability scale Experiments Writing probability as a fraction Build a bias dice	Write probability in words Write probability as a fraction Carry out probability experiments Recognise Bias	Working with Others Managing information	Portfolio Task 2	Science
Apr	Area & Perimeter	Measuring using a variety of instruments Devise formulae for areas shapes Investigation on area	Estimate areas by counting squares Calculate areas & perimeter Use formulae to calculate areas of rectangles & triangles	Problem Solving Working with Others	Jane's Pet Rabbit Investigation	TD Art
May	Fractions	Fraction walls Maths Pack One Sharing counters	Fraction Notation Fraction equivalence Fraction of an amount Simple add/subt	Problem Solving Working with Others ICT	Assessment Unit	Art TD HE

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Jun	Patterns & Sequences	Counting Sticks Multiplication Grids Factor trees	Identify patterns in 2,5,10 times tables Explore patterns in 100 square Use add/subt as inverse operations Find missing numbers in a sequence Use simple mult/division as inverse operations Develop an understanding of factors & multiples	Working with Others Problem Solving	End of Topic Test	Music