

# Y4 Overview and Curriculum links



**Family Maths  
Toolkit**

Term	Topic	Activities	Main Curriculum link	Also covers
<b>Autumn</b>	<b>Number and place value</b> <b>Number</b> - multiplication and division	Roman numerals loop game	Read Roman numerals to 100.	
		Sweets puzzle	Solve problems using the 5 and 7 times table facts.	
	<b>Measurement</b>	Expedition	Estimate, compare and calculate different measures, solve a range of problems, justify thinking.	
		Santa's elves' café	Problem solving involving money.	
		Christmas party time	Problem solving using addition and subtraction of money.	
	<b>Geometry</b> - properties of shape	Planning a trip	Solve money problems Including two decimal places.	
		Rangoli pattern	Draw symmetric patterns using a variety of media to become familiar with different orientations of lines of symmetry, and recognise line symmetry in a variety of diagrams.	
<b>Problem solving</b>	Two cuts	Classify shapes using geometrical properties, extending to classifying different triangles and quadrilaterals.		
	Christmas tree	Develop listening skills, following Instructions accurately and developing own instructions using a range of positional and geometrical vocabulary.		
		Deciphering the code	Solve a range of problems and develop logical thinking skills.	

[familymathstoolkit.org.uk](http://familymathstoolkit.org.uk)

 **National Numeracy**  
for everyone, for life

For use by the purchasing institution only. Copyright © National Numeracy 2016. Commercial copying, hiring and lending is prohibited.  
Registered company in England & Wales Company Registration no: 788624 Registered charity no: 1145669

# Y4 Overview and Curriculum links



Family Maths  
Toolkit

Term	Topic	Activities	Main Curriculum link	Also covers
<b>Spring</b>	<b>Number and place value</b>	Hecatonchires	Place value introducing or using numbers greater than 1000.	
	<b>Number</b> - addition and subtraction	Everyday estimating	Refine estimation skills, use all four operations and a variety of methods to solve a range of problems, develop mathematical thinking.	
		Domino challenges	Doubles of numbers, odd and even, adding a succession of numbers, problem solving.	
	<b>Number</b> - multiplication and division	Gold robbery	Solve a range of problems using division, working systematically and developing mathematical thinking.	
		<b>Measurement</b>	Café menu	Solve problems with money in context such as choices of a meal on a menu.
	Special offer		Solve money problems in a real life context, using two decimal places and thinking mathematically.	
	Design a Hobbit		Estimate, compare and calculate using different measures accurately.	Solve problems using fractions.
	<b>Geometry</b> - properties of shape	Areas and perimeters	Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and meters. Find the area of rectilinear shapes by counting squares.	
Valentine's Day dates		Solve problems using months and years.		
		Wheels	Begin to think about the properties of a circle.	Measure, compare length.

[familymathstoolkit.org.uk](http://familymathstoolkit.org.uk)

 National Numeracy  
for everyone, for life

For use by the purchasing institution only. Copyright © National Numeracy 2016. Commercial copying, hiring and lending is prohibited.  
Registered company in England & Wales Company Registration no: 788624 Registered charity no: 1145669

# Y4 Overview and Curriculum links



**Family Maths  
Toolkit**

Term	Topic	Activities	Main Curriculum link	Also covers
<b>Summer</b>	<b>Number and place value</b> <b>Number</b> - addition and subtraction	To a million	Identify, represent and estimate numbers.	Solve a range of problems and develop mathematical thinking and reasoning skills.
		Crossword	Practise using mental methods for all four operations.	
	<b>Number</b> - multiplication and division	Car number plates	Solve a range of problems, thinking mathematically and working systematically.	
		Times table task	Recall and use multiplication facts.	
	<b>Number</b> - fractions	Pizza preparation	Solve problems involving fractions to divide quantities; add and subtract fractions with the same denominator.	
	<b>Measurement</b>	Cocktail prices	Estimate, compare and calculate different measures, including money with pounds and pence.	
		Travel maths	Read, write and convert time between analogue and digital 12 and 24 hour clocks, present data.	
		Hand luggage problem	Measure, compare, add and subtract mass (g/kg) and length (m, cm, mm).	
<b>Statistics</b>	Time challenge	Solve problems involving converting from hours to minutes, minutes to seconds, years to months, weeks to days.		
	Working with your heart	Solve problems using and converting seconds to minutes; interpret and present discrete data; solve comparison problems using the information presented.		

[familymathstoolkit.org.uk](http://familymathstoolkit.org.uk)

 **National Numeracy**  
for everyone, for life

For use by the purchasing institution only. Copyright © National Numeracy 2016. Commercial copying, hiring and lending is prohibited.  
Registered company in England & Wales Company Registration no: 788624 Registered charity no: 1145669