

Maths 3D Programme of Study 2018-2019

Term	Wk	W/C	Theme	Topic	Assessment Objectives	Notes
Autumn 1	1	3/9/18	Theme 1 Ambition (decision making/ leadership skills)	Introduction- Getting to know you		Monday: Training Day Tuesday: New students in Wednesday: All students in
	2	10/9/18		Learning to learn skills. Following individual and group instructions. Looking and listening to the teacher. Completing independent work. Base line Assessments- number age and year group assessments. Numbers all around us- counting, reading, writing, place value. Set targets for the year- what do I want to achieve in maths?	Count, read and write numbers. Place value. Comparing and ordering numbers.	
	3	17/9/18				
	4	24/9/18				
	5	1/10/18	Theme 2 Rule of Law (responsibility)	Autumn Walk in the local woods to collect data. Presenting data in different ways and answering questions. Identifying shapes in the woods. Continuing and repeating patterns using natural materials found on walk.	Using a tally chart to collect data. Sorting information. Presenting data in tables, block diagrams, bar charts and pictograms. Answer questions from data. Continuing patterns. Naming 2D and 3D shapes.	
	6	8/10/18				

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	7	15/10/18				Friday: Training Day
	8	22/10/18				
				Half Term		
Autumn 2	9	5/11/18	Theme 3 Optimism (learning from mistakes)	Enterprise How much money can we make at the Christmas Fayre? Survey of students to decide what to make for the Christmas fayre. Working out the cost of making product. Working out the selling cost to be able to make a profit. Designing packaging for the product. Selling items at the Christmas Fayre.	Data handling Addition and subtraction. Money- naming coins, finding total amounts. 3D shapes	
	10	12/11/18				Friday: Data Point Deadline
	11	19/11/18				
	12	26/11/18				
	13	3/12/18	Theme 4 Tolerance (political and cultural awareness)	Designing and making a Christmas card. Using measuring skills to complete design. Working out postal charges. Visit to the post office. Weighing different parcels.	Using language for measures. Using measuring equipment accurately. Measuring in cm's. Weighing in kg's and	
	14	10/12/18				
	15	17/12/18				Friday: Christmas Holidays Number advent calendar.

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					g's. Reading scales.	
Christmas						
Spring 1	16	7/1/19	Theme 5 Devotion (work ethic)	Planning a meal Choosing recipes. Working out the cost of ingredients to make a meal. Shopping to buy ingredients. Working out the cost per person. Using scales to weigh ingredients. Using jugs to measure liquids. Planning a schedule to cook the meal.	Using measuring equipment accurately. Reading scales. Weighing in g's. Capacity- ml's and l's. Money-finding total amounts. Naming and finding fractions. Doubling and halving recipes	
	17	14/1/19				
	18	21/1/19				
	19	28/1/19				
	20	4/2/19				
	21	11/2/19	Theme 6 Versatility (flexibility and adaptability)			
Half Term						
Spring 2	22	25/2/19		Gardening- Planting		Monday: Training Day
	23	4/3/19	Theme 7	Careers week		Careers Week

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	24	11/3/19	Compassion (communication skills)	Maths skills needed for different careers. Look at a variety of jobs and link to maths needed.	Using a calendar, Telling the time- analogue and digital. Reading timetables. Addition and subtraction.	Friday: Data Point Deadline	
	25	18/3/19					
	26	25/3/19					
	27	1/4/19	Theme 8 Innovation (problem solving/ critical thinking skills)	Easter			
Summer 1	28	22/4/19		Our local area Looking at maps to identify places to go in the local area. Looking at the cost of a variety of different places to visit, for example the leisure centre, bowling, cinema. Work out the cost of entry, food and transport to get there. Use times to plan a schedule for the day.	Positional language and following directions. Using co-ordinates. Reading tables and timetables. Planning schedules. AM/ PM Addition and subtraction. Money-finding total amounts and giving change.	Monday: Bank Holiday	
	29	29/4/19					
	30	6/5/19	Theme 9 Democracy (listening and teamwork skills)	Monday: Bank Holiday Tuesday: Training Day			
	31	13/5/19					
	32	20/5/19					
			Half Term				

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Summer 2	33	3/6/19	Theme 10 Respect (networking and interpersonal skills)	Gardening Using measures outdoors, working out the perimeter of garden plots. Measuring growth of plants. Weighting produce. Keeping a record of the temperature.	Temperature. Negative numbers Perimeter Measures, length, weight and capacity. Multiplication and division.	
	34	10/6/19				Wednesday: Data Point Deadline
	35	17/6/19				
	36	24/6/19				
	37	1/7/19	Theme 11 Individual Liberty (independence)	Shapes Finding 2D and 3D shapes in the local area. Finding and describing angles.	Name and describe 2D and 3D shapes Identify right angles.	Thursday: Transition Day 1
	38	8/7/19				Thursday: Transition Day 2
	39	15/7/19				Activity Week
	40	22/7/19				Wednesday, Thursday, Friday: Holiday Club
			Theme 12 Happiness (stress and conflict management)	Summer		