



Sunshine Online

Content Strand	Reading Level	Title	Concept	Maths Language	Story Activity	Activity 1	Activity 2	Game/Rhyme
Number & Algebra	16	The Big Parade	Division – grouping into equal sets	equal groups, groups of, divided, number sentence	Story Activity Divide groups into equal shares	Herding Sheep Divide sheep equally between a number of pens.		
	16	Match the Twins	Matching numbers	add, multiply, total, one more, same number	Match numbers with equations – commutative addition $3 + 4 = 4 + 3$	Sam the Shopkeeper Add number sentences that have an associative principle ie. $5+5+7=10+7=17$		
	16	The Holiday	Difference between two numbers	difference, how many, more than, less than, equal, subtraction	Use subtraction and complimentary addition to calculate distances travelled/to travel.	Let's Go Shopping Buy toys – calculate the cost, available money and change using subtraction and complimentary addition.		
	16	Number Cruncher's Snowboard Challenge	Addition and subtraction – higher decades	add, subtract, begin, backwards, forwards, pattern, hundreds, number line	Identify patterns of addition.	The Magic Steps Complete subtraction sentences to 50 to escape the dungeon.	Number Cruncher's Snowboard Challenge Game Number Cruncher jumps over obstacles.	
	16	The Big Match	Place value – numbers to 100	ten, twenty, thirty, forty, fifty, sixty, seventy, eighty, ninety, one hundred, tens, ones	Place value to 99 – count and identify numbers as groups of tens and ones.	Racing Around the Number Chart Identify numbers that are more than, less than		
	17	Sam's Perfect Pizza	Simple fractions – half and quarter	quarter, half, whole, divide, parts	The Slicey-Dicer Cut party food into halves along the line of symmetry.	Back Together Drag half shapes into slots to make whole shapes.	Quarter Cutter Cut things into four pieces of the same size.	Sharing

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Number & Algebra	17	Monkey Messages	Comparing equal and unequal numbers	greater than, more than, less than, compare, equals	Story Activity Compare numbers of items on trees – which has more, which has less.	The Maze Identify more than and less than symbol to escape the maze.		
	18	Add and Subtract at Sea	Related addition and subtraction facts	add, subtract, groups, altogether, take away, equals, leaves, plus	Story Activity Complete addition and subtraction sentences to 20.	The Bees' Busy Day Calculate addition and subtraction sentences.		
	18	A Wish for Some Fish	Addition and subtraction with money	add, subtract, multiply, divide, solve, problem, how much, amount, enough	Story Activity Problem Solving – addition through shopping up to \$20.00	The Big Race Shop to the value of \$10.00 – getting the best value for money.		

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Number & Algebra	19	Treasure Hunt	Halves- dividing whole numbers by 2	half, one-half, one-quarter, price, half-price, how many, equal	Story Activity Find half of a number, divide a whole number by 2	Catch the Insects Catch half the number of insects displayed (between 12 and 20).	At the Playground Identify one quarter of a whole number.	
	20	Mrs Moody's Mother	Names for numbers to 50	names for numbers to 50, place value to tens, tens, ones, count	Story Activity Count in groups of tens and ones.	Flower Power Count by groups of ten.	The Jellybean Guessing Game Count jellybeans in groups of tens and ones.	
	21	Shoes in Twos	Connecting multiplication as repeated addition	groups of, lots of, add, number sentence, plus, equals	Story Activity Click on a number and record the pattern and total.	How Many? Connect repeated addition with multiplication eg. $4 \times 3 = 3 + 3 + 3 + 3$	Counting Calculators Use a calculator to work out multiplication facts to 20.	
	22	The Sheep Who Couldn't Sleep	Counting to 100- moving up to the next decade	numbers to 100, decades, count to/ from, count forwards, number, hundred, pattern	Story Activity Identify numbers on the 100s chart.	The Hundreds Chart Find number patterns on the 100s chart.	Discover Dot Identify numbers on the 100s chart.	
	22	The Jackson's Love Fractions	Fractions-equal parts of a whole	fraction, whole, half, quarter, third, one half of, one quarter of, divide, share equally, equals	Story Activity Complete simple equations – divide objects/items into $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{3}$.	Feed the Fantastic Fraction Flamingo Identify if items have been divided into halves, quarters or thirds.	Find Fraction Valley Sort objects into groups to create an equation ie: $\frac{1}{4}$ of 20 is 5.	
	22	Learning a Lot About Maths	Revision	numbers 1 – 10, zero, measurement, numbers, time, o'clock, money, patterns, shapes, square, triangle, rectangle, quarters, halves	Volcano Bridge Drop missing numbers into a number sequence of 1 to 30.	The Muddy Maze Pop balloons in the right order from 10 to 100.	Odd Snorkelling Pop the odd numbers in the bubbles.	Ten Fat Sausages

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Measurement & Geometry	16	The New Webs	Straight and curved lines in 2D shapes	lines, curved, straight, closed, open, 2D shape, circle, oval, triangle, square, rectangle, hexagon	Story Activity Draw and name different shapes.	Look at Lines Identify types of lines – parallel, intersecting etc.	Make Your Own Railway Create closed lines/shapes.	
	16	Planet Perimeter	Measuring the perimeter of shapes	perimeter, length, measure, around, distance, shape, compare, shorter, shortest, longer, longest	Introduction of the term perimeter, informal measurement/ comparison of the perimeter of assorted shapes.	Dot's Garden Design Build a garden bed and measure the perimeter.		The Perimeter Game Create smaller shapes with smaller perimeters.
	16	Goldilocks and the Three Quilts	Introduction to area	area, cover, estimate, how many, largest, smallest, patterns, squares	Estimate area (informal) through the use of smaller shapes within a large shape.	Stamp Your Patterns Estimate area using small shapes within larger shapes.		
	16	Make the Shapes	Nets of 3D shapes	shape, square, triangle, circle, rectangle, cube, cylinder, rectangular prism, pyramid, triangular prism, cone, net, fold, unfold, lines	Match a 2 dimensional plan (net) to a 3 dimensional shape.	Count the Shapes Estimate the number of shapes required to fill a box.		
	16	Rotate the Shapes	Shape rotation – half and quarter turns	rotate, half turn, quarter turn, rotational symmetry	Rotate shapes – quarter and half turns	Make Patterns Construct patterns using different shapes, rotate shapes and identify if patterns are symmetrical.		

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Measurement & Geometry	17	Dad's Busy Day	Relating clock face time to time of the day (hours)	o'clock, time, days of the week, morning, afternoon, evening, lunchtime, playtime, night-time	Match the Pictures Match the pictures with the time each activity occurs.	A Clock! Repair the clock by putting the numbers back in the right places.	Number Cruncher's Day Create a story about Number Cruncher's day by selecting activities and matching them with the time.	Day and Night
	17	At the Market	Estimating and measuring mass	weigh, scales, kilogram, estimate, guess, balance, too many, not enough, the same	Story Activity Estimate weights up to 1 kg.	What Weighs the Same? Create groups of items that are of equal weight.		
	20	The Long Long Road	Measuring length using metres	length, width, height, estimate, measure, metre, shorter than, longer than, same length, how long	Story Activity Estimate and measure in metres.	The Stars of Track and Field Estimate and measure distances on a sports field.		
	21	Capacity	Measuring volume using litres	capacity, container, litres, millilitres, measure, hold, fill	Story Activity Identify different ways to measure liquid.			
	22	Shapes	The features and nets of 3D shapes	2D, 3D, sphere, cone, pyramid, cube, rectangular prism, cylinder, edge, face, base, apex, corner, side, shape, curved, flat, surface	Story Activity Identify and find shapes in the environment.			
	22	Where Are We?	Using simple grids and directional language	location, direction, left, right, middle, turn, quarter turn, half turn, straight, between, through, cross	Story Activity Follow directions to reach a specific destination.	Shoot 'Em Up Shoot to the left, right, middle of screen to reach the space ship.		

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Statistics & Probability	17	What's Your Favourite Game?	Simple picture graphs	graph, data, most, least, collect information, show information, find out, how many?	What's Your Favourite Game? Choose between basketball and skipping and create graphs – vertical pictograph/bar graph.			
	18	What's the Chance?	Language of chance – classifying likelihood	chance, no chance, even chance, complete chance	Story Activity Estimate the chances of an event occurring.	Rate Your Chances Estimate the chances of an event occurring.		