



# Sunshine Maths Skills 2

Level	Title	Concept	Maths Language	Activity 1	Activity 2	Activity 3	Game/Rhyme
6	<b>The Star</b>	2D shape spatial visualisation	shape, triangles, squares, rectangles, puzzles, fit together, turn around, upside down	<b>Choose and Move</b> Rotate shapes and make patterns.	<b>Number Cruncher's Awesome Jigsaw Adventure</b>  Drag shapes into their correct positions to help Number Cruncher.		<b>Shape Shifter</b>  Choose the right shape and rotate it until it matches the shape on the screen
6	<b>A Walk in the Jungle</b>	Counting to 20 - before/after	number, zero, one, two, three...to twenty, How many?, count (up) to, count on(from,to), count back (from, to) count in tens, more, less	<b>Garr the Great</b> Help Garr play the piano by matching her fingers and toes to keys numbered 1 to 20.	<b>The Space Race</b> Help Ludo win a race by entering the missing numbers.		<b>Lucky Numbers</b> Spin to find the missing numbers.
6	<b>Where Will I Go Next?</b>	Location-position on a map or grid	in, over, on, through, next, colours, numbers	<b>Timmy at the Fun Park</b> Help Timmy get to the activities in the Fun Park.	<b>Traditional Characters</b> Help Little Red Riding Hood get to Grandmother's house.		<b>Rides and Slides</b> Snakes and Ladders type game to see who will get to the ice-cream shop first
6	<b>The Jellybean Shop</b>	Names for numbers 9-10	eight, nine, makes, groups, same, less, more, how many?, plus, equals	<b>The Jellybean Shop</b> Count the jellybeans and add groups of numbers to 9.	<b>Frog Counting</b> Count how many frogs on each side of the pond and altogether.	<b>How Many?</b> Use the plus and equals buttons on Chip the Calculator to count the number of objects.	Ten Galloping Horses

6	<b>Chocolates Everywhere</b>	Matching 3D to 2D shapes	square, cube, triangle, prism, pyramid, circle, sphere, cone, cylinder, rectangle, shapes, 3 -D	<b>Make a Picture</b> Drag and drop shapes to make a picture.	<b>How Many Fit?</b> Drag shapes into a large container to see how many shapes fit.		<b>Match the Shape</b> Match the shapes on screen with the shapes that pass along the production line.
8	<b>A Whole Year</b>	Times of the year (seasons, months)	time, days of the week, seasons, day, week, month, year, weekend, birthday, holiday	<b>Season Sort</b> Select the right clothing to wear for the season of the year.	<b>Birthday Card Maker</b> Make birthday cards with fun messages to read.	<b>The Year Year Song</b> Sing along song about months of the year	Birthdays
8	<b>Seven Little Helicopters</b>	Names for numbers 7-8	one, two, three, four, five, six, seven, makes	<b>Counting Helicopters</b> Count the helicopters and find out how many more are needed to make seven.	<b>What is it?</b> Guess the object and count their legs and other features.	<b>Dominoes</b> Add more spots to the Domino to equal the number displayed.	As I was going to St Ives
8	<b>Great Granny's Birthday</b>	Skip Counting by 10s to 100	counting to 100, one hundred, 10, ten, twenty, thirty, forty, fifty, sixty, seventy, eighty, ninety	<b>The Jellybean Space Machine</b> Fill the space machines by 10s up to 100.	<b>Burger Builder</b> Count in groups of 10 to 100 and back again.		<b>Island Escape</b> Enter missing numbers in the number patterns to 100 to escape the island
9	<b>Mum's Washing</b>	Addition and Subtraction to 6	adding, makes, joining, one more, one less, altogether, equals, subtracting	<b>Washing Online</b> Take clothes on and off the line and count how many things are left each time.	<b>Help Number Cruncher</b> Solve number sentences to help Number Cruncher avoid trouble.	<b>Ravine Jump</b> Help Number Cruncher cross the ravine by solving number stories.	One Elephant Went Out One Day

9	<b>Will There be an Earthquake?</b>	Language of Chance - won't, might, will	definitely will not, might, definitely will, impossible, unlikely, won't	<b>Let's Go Shopping</b> Choose things you won't, might and will buy at the supermarket.	<b>Who will be behind the door?</b> Follow the clues to find out who won't, might and will be at the door.		<b>The Great Game of Dacey Chance</b> Choose four numbers and roll the dice to see if your numbers come up before Number Cruncher's do.
10	<b>Finger-Painting Fun</b>	Symmetry-simple reflections	triangles, squares, rectangles, shapes, rotate, turn, symmetry, corners, sides	<b>Shape Maker</b> Guess the shapes that are drawn on folded paper and then unfolded.	<b>Shape Design</b> Click on the shapes that match to make symmetrical patterns.		<b>The Great Pattern Challenge</b> Match the symmetrical shape pictures and click on "snap". Three levels.
14	<b>Counting Cars</b>	Creating simple picture graphs	graph, least, most, fewer, more, columns	<b>Cars Cars Cars</b> Read the graph about different coloured cars to answer questions.	<b>Car Graph</b> Make a graph about cars.		<b>Ball Bomper</b> Play Ball Bomper and graph the results
15	<b>Rotation is Everywhere</b>	Rotation-full, half, quarter, left and right turns	rotate, half turn, quarter turn, right, left	<b>Story Activity</b> Rotate shapes, see how rotation is in our daily lives.	<b>The Pyramid Maze</b> Make quarter turns of shapes to get through the maze.		
15	<b>From Near and Far</b>	Creating data using simple block/bar graphs	graph, block graph, question, data, information, most, least, how many	<b>Story Activity</b> Create a group graph re: transport - collect and display data and interpret the graph.	<b>What Safety Gear Do You Wear?</b> Collect pictorial data from the story, create and interpret the graph.		

15	<b>The Animals' Shoe Store</b>	Patterns in numbers	odd/even numbers, counting by twos, double, half, the same, pairs, which is?, how many?	<b>Story Activity</b> Buy shoes: match pairs of shoes with animal feet, identify odd and even numbers	<b>Odd and Even Numbers</b> Identify odd and even numbers.		<b>Odds and Evens Game</b> Choose odd or even numbers.
15	<b>How Fast?</b>	Units of time-half hour, quarter hour	half an hour, half past, quarter to, quarter past o'clock, half, quarter, what time, clock, digital, analogue	<b>Story Activity</b> Identify times within an hour - quarter past/to, half past/to.	<b>The Bear's Busy Day</b> Match analogue time with digital time.		<b>Halves and Quarters</b> Identify halves and quarters in shapes.
15	<b>The Jellybean Farm</b>	Counting in 10s to 100, 100s to 1000	count, tens, hundreds, more than, less than, add another ten, number line, plus, equals	Count by 10s to 100, count by 100s to 1000.	<b>Create an Alien</b> Identify 10s on a number chart, counting by tens	<b>The Great Crunchini</b> Use a number line tightrope to walk across (units of 10 up to 100).	
15	<b>The Handleheads' School Trip</b>	Bridging to 10 with addition	add, record, how many?	Identifying different equations (addition) that equal up to 10.	<b>Herd the Sheep</b> Grouping items to 10		
15	<b>Blowing Bubbles</b>	Addition and subtraction facts	number facts to 20, add, subtract, same number, number sentence	Count to 20, identifying different equations that equal 20.	<b>Make a Fish</b> Identify shapes and patterns and create number sentences.	<b>Colour and Shape</b> Match colour to geometric shapes.	
15	<b>That's Not Fair!</b>	Finding fractions of more than one through sharing	half, whole, quarter, half, fractions, part	<b>Hydroslide Ride</b> Help half the Digits to land in the red pool and half to land in the blue pool.	<b>The Great Escape</b> Help Number Cruncher to get half of each pile of rocks to escape.		<b>Pete the Penguin</b> Help Pete catch some fish and share them out

15	<b>In My Dad's Garden</b>	Addition and Subtraction to 8	how many? Take away, left, altogether, count, add	<b>Flower Bouquet</b> Work out how many different kinds of flowers are left after some have been picked.	<b>Raining Rabbits</b> Work out how many rabbits there are altogether and after some leave.	<b>Digits Number Line</b> Help the digits find their place on the number line.	Three Little Fishes
15	<b>Which Boat?</b>	Addition and Subtraction - opposite operations	add, subtract, number facts, count, how many, number name, number sentence, take away	<b>Story Activity</b> Which Boat to get on? Complete simple number sentences.	<b>Build a Wall</b> Create number sentences to build number facts.		<b>The Same Number Snap Game</b> Equations that equal whole numbers
15	<b>The Half-Pie Café</b>	Halves and Doubling	double, half, halve, getting change, add 1, total	<b>Story Activity</b> Buy food at the Half- Pie Café and share the cost (halving the bill).	<b>Double Trouble Game</b> Identify double numbers to complete the number line game.		<b>Chip 'n Fish</b> Catch half the fish in a tank
15	<b>The Class Trip</b>	Addition and Subtraction to 10	graph, most, least, more than, fewer, recording	<b>The Great Grumpy Gorilla Show</b> Counting Gorillas to make number sentences.	<b>Number Tumbler</b> Answer adding questions by using the plus and equals buttons on Chip the Calculator.	<b>Hot Shot</b> Try to hit the moving targets and make number sentences of the results.	Higgledy, Piggledy
15	<b>Number Cruncher's Courier Caper</b>	Commutativity in addition and multiplication	add, subtract, take away, total	Calculate distances using addition, subtraction	<b>Dot goes Visiting</b> Calculate the number of hours required to travel between distances		

15	<b>Number Cruncher Investigates</b>	Partition of 2D shapes	square, triangle, rectangle, same shape, same size, congruent, similar	Identify shapes that are hidden in larger shapes	<b>Number Cruncher's Path Paving Problem</b> Create squares from smaller shapes	<b>Same Shape Snap</b> Match shapes that are exactly the same size and shape	
15	<b>All the Fun of the Fair</b>	Chance - predict possible outcomes	chance, complete, even, no chance, half, 1 in 2 chance	Play carnival games and determine the chances of winning the game - no chance, even chance, complete chance	<b>Dunky Chance</b> Coin toss - the chances of throwing heads or tails to dunk character	<b>Who Will Win?</b> A game of Snakes and Ladders	
15	<b>We Know How to Multiply</b>	Multiplying equal groups	groups of, equals, times, number, multiply, altogether, different, number line	Story Activity Multiply objects	<b>The Fruit Shop</b> Shop for multiples of one item eg: 4 pineapples at \$3 each = \$3 + \$3 + \$3 + \$3 = \$12		<b>Monkey Business</b> Calculate how many monkeys are needed to collect fruit from a tree.
15	<b>The Puzzle Box</b>	Tessellation of simple 2D shapes	shapes, turning, flipping, rotating, square, circle	<b>Gotcha</b> Drag and drop different coloured small squares into a frame to slow Number Cruncher down.	<b>Bathroom Decorator</b> Make a pattern using triangles.		<b>Shape Dragger</b> Use different shapes to make a tessellating pattern
15	<b>The Eight Family</b>	Addition and subtraction to 10	add, subtract, number facts, odd numbers, even numbers, how many, add, take away, family of facts, same, as record	Number facts about eight	<b>Build a Wall II</b> Create number sentences that equal 8.	<b>Welcome to the Fair</b> Subtraction game - number facts for 9 and 20.	

15	<b>The Terrific Train Trip</b>	Addition and subtraction facts	numbers, how many, take away, add	Addition and subtraction to 20	<b>Find the Fish</b> Addition and subtraction to 20	<b>The Dart Context</b> Play a darts game, adding the score to 20.	
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