

# Let's identify numbers: Maths : Year 1 : Autumn Term

	Learning Objective	Overview	Assessment Questions	Resources
<b>Lesson 1</b>	To identify and represent numbers.	Children to count objects to reinforce the value of the number and to practise writing its correct formation.	<ul style="list-style-type: none"> <li>• Can children identify numbers to ten?</li> <li>• Can children identify numbers to twenty?</li> <li>• Can children represent numbers with objects?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Number Cards, Bingo Cards, fishing rods and paperclips</li> <li>• Picture Cards and play dough</li> <li>• Number Sheet and blocks</li> <li>• Vehicle Sheet and People Sheet</li> </ul>
<b>Lesson 2</b>	To identify and represent numbers.	Children to count objects to reinforce the value of the number, to see the number written as a numeral and to practise writing its correct formation.	<ul style="list-style-type: none"> <li>• Can children identify numbers to ten?</li> <li>• Can children identify numbers to twenty?</li> <li>• Can children represent numbers with objects?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Number Sheet and blocks</li> <li>• Vehicle Sheet and People Sheet</li> <li>• Number Cards, Bingo Cards, fishing rods and paperclips</li> <li>• Picture Cards and play dough</li> <li>• Domino Sets A/B (plenary only)</li> </ul>
<b>Lesson 3</b>	To identify and represent numbers.	Children to be challenged to read a number written as a word and write it as a numeral. The children will practise forming the numbers correctly.	<ul style="list-style-type: none"> <li>• Can children identify numerals to twenty?</li> <li>• Can children identify numbers written as words to twenty?</li> <li>• Can children represent numbers with objects?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Number Formation Cards</li> <li>• Numeral Cards</li> <li>• Number Representations</li> <li>• Counting Dots</li> <li>• Number Cards</li> <li>• Paint, paper, objects, pots, trays, sand</li> </ul>
<b>Lesson 4</b>	To identify and represent numbers.	Children will learn different ways of representing numbers up to twenty.	<ul style="list-style-type: none"> <li>• Can children identify numerals to twenty?</li> <li>• Can children identify numbers written as words to twenty?</li> <li>• Can children represent numbers with objects?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Number Representations</li> <li>• Counting Dots</li> <li>• Number Cards</li> <li>• Number Formation Cards</li> <li>• Numeral Cards</li> <li>• Paint, paper, objects, pots, trays, sand</li> </ul>
<b>Lesson 5</b>	To identify and represent numbers.	Children to reinforce their recognition of written numbers and numerals. Children to be challenged to stamp, hop, jump or clap a chosen number.	<ul style="list-style-type: none"> <li>• Can children identify numerals to twenty?</li> <li>• Can children identify numbers written as words to twenty?</li> <li>• Can children represent numbers with objects?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Numbers (Input only)</li> <li>• Number Cards A/B</li> <li>• Number Wheel A/B</li> <li>• Egg boxes, cupcake cases, pegs</li> </ul>

# Let's Represent Numbers: Maths : Year 1: Autumn Term

	Learning Objective	Overview	Assessment Questions	Resources
<b>Lesson 1</b>	To represent numbers using objects and pictures.	Children to count objects and circle the corresponding number on a number line.	<ul style="list-style-type: none"> <li>• Can children identify numbers to ten?</li> <li>• Can children identify numbers to twenty?</li> <li>• Can children represent numbers with pictures?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Jigsaw Pieces</li> <li>• Number Cards A/B</li> <li>• Photo Sheet</li> <li>• Paints, single hole punches, treasury tags, padlocks, keys and blank key ring tags</li> </ul>
<b>Lesson 2</b>	To represent numbers using objects and pictures.	Children to count objects in groups and circle the corresponding number on a number line.	<ul style="list-style-type: none"> <li>• Can children identify numbers to ten?</li> <li>• Can children identify numbers to twenty?</li> <li>• Can children represent numbers with pictures?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Jigsaw Pieces</li> <li>• Number Cards A/B</li> <li>• Photo Sheet</li> <li>• Paints, single hole punches, treasury tags, padlocks, keys and blank key ring tags</li> </ul>
<b>Lesson 3</b>	To represent numbers using objects and pictures.	Children to recognise and represent numbers using objects.	<ul style="list-style-type: none"> <li>• Can children identify numbers to ten?</li> <li>• Can children identify numbers to twenty?</li> <li>• Can children represent numbers with pictures?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Photo Sheet</li> <li>• Picture Cards</li> <li>• Road Card</li> <li>• Caterpillar Sheet</li> <li>• Bus Sheet, People Sheet A/B and Number Cards A/B</li> </ul>
<b>Lesson 4</b>	To represent numbers using objects and pictures.	Children to read and solve word problems. They will be challenged to count and circle the correct amount and find the remaining number.	<ul style="list-style-type: none"> <li>• Can children identify numbers to ten?</li> <li>• Can children identify numbers to twenty?</li> <li>• Can children represent numbers with pictures?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Photo Sheet</li> <li>• Caterpillar Sheet</li> <li>• Bus Sheet, People Sheet A/B and Number Cards A/B</li> <li>• Picture Cards</li> <li>• Stairs Sheet</li> <li>• Domino Set A/B (Plenary only)</li> </ul>
<b>Lesson 5</b>	To represent numbers using objects and pictures.	Children to count objects and write the correct amount. They will also be challenged to read numbers and draw the corresponding objects.	<ul style="list-style-type: none"> <li>• Can children identify numbers to ten?</li> <li>• Can children identify numbers to twenty?</li> <li>• Can children represent numbers with objects?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Bird Sheet</li> <li>• Alien Sheet</li> <li>• Crocodile Sheet</li> <li>• Challenge Cards A/B/C/D</li> <li>• Feathers, colour paper, glue, colouring pencils</li> </ul>

# Let's Add Objects: Maths : Year 1 : Autumn Term

	Learning Objective	Overview	Assessment Questions	Resources
<b>Lesson 1</b>	To add groups of objects to find the total.	Children to count groups of objects and add them together to find the total amount. Children to write this as a number sentence.	<ul style="list-style-type: none"> <li>• Can children identify numbers to twenty?</li> <li>• Can children represent numbers with objects?</li> <li>• Can children find the total of two groups of objects?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Number Cards A/B and Ten Frame Cards</li> <li>• Treasure and Number Sentence Cards</li> <li>• Picture Mats</li> <li>• Photo Sheet</li> <li>• Counting objects, play dough</li> </ul>
<b>Lesson 2</b>	To add groups of objects to find the total.	Children to use a number machine to find the answers to addition problems. Children to write their answers as number sentences as well as say the number sentence using actions.	<ul style="list-style-type: none"> <li>• Can children identify numbers to twenty?</li> <li>• Can children represent numbers with objects?</li> <li>• Can children find the total of two groups of objects?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Number Machine (Input only)</li> <li>• Picture Mats</li> <li>• Number Cards A/B and Ten Frame Cards</li> <li>• Treasure and Number Sentence Cards</li> <li>• Photo Sheet</li> <li>• Counting objects</li> </ul>
<b>Lesson 3</b>	To add groups of objects to find the total.	Children to find the total amount of an addition problem using a number machine and counters.	<ul style="list-style-type: none"> <li>• Can children identify numbers to twenty?</li> <li>• Can children represent numbers with objects?</li> <li>• Can children find the total of two groups of objects?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Number Machine (Input only)</li> <li>• Number Cards and Operation Cards</li> <li>• Spinners, Number Line and Photo Sheet</li> <li>• Domino Cards A/B (Plenary Only)</li> <li>• Dominoes, six-sided dice, ten-sided dice, objects, bottle-top ladybirds, blocks</li> </ul>
<b>Lesson 4</b>	To add groups of objects to find the total.	Children to read addition number sentences using actions. They then need to work out what it is asking and solve together.	<ul style="list-style-type: none"> <li>• Can children identify numbers to twenty?</li> <li>• Can children represent numbers with objects?</li> <li>• Can children find the total of two groups of objects?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Spinners and Number Line</li> <li>• Number Cards and Operation Cards</li> <li>• Photo Sheet</li> <li>• Number Sentence Cards (Plenary Only)</li> <li>• Objects, blocks, dominoes, six-sided dice, ten-sided dice, bottle-top ladybirds,</li> </ul>
<b>Lesson 5</b>	To add groups of objects to find the total.	Children to count the coloured balloons and write their amounts onto whiteboards. They will then need to solve the addition problem and write the answer in a number sentence.	<ul style="list-style-type: none"> <li>• Can children identify numbers to twenty?</li> <li>• Can children represent numbers with objects?</li> <li>• Can children find the total of two groups of objects?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• In Out Sheet</li> <li>• Worksheet 5A</li> <li>• Photo Sheet</li> <li>• Counters, ice cube trays or or muffin baking trays, pom-poms</li> </ul>

# Let's Subtract Objects: Maths : Year 1 : Autumn Term

	Learning Objective	Overview	Assessment Questions	Resources
<b>Lesson 1</b>	To subtract objects to find the total.	Children to listen to subtraction problems and find the answer using objects to help.	<ul style="list-style-type: none"> <li>• Can children identify numbers to twenty?</li> <li>• Can children represent numbers with objects?</li> <li>• Do children understand subtracting decreases the number of objects?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Challenge Cards and play dough</li> <li>• Monster Sheet, Number Cards A/B and Food Cards</li> <li>• Picture Cards and Character Cards</li> <li>• Photo Sheet</li> <li>• Counting objects and blocks</li> </ul>
<b>Lesson 2</b>	To subtract objects to find the total.	Children to buy items from a class shop. They will need to select the correct amount and then work out how many are left.	<ul style="list-style-type: none"> <li>• Can children identify numbers to twenty?</li> <li>• Can children represent numbers with objects?</li> <li>• Do children understand subtracting decreases the number of objects?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Challenge Cards and play dough</li> <li>• Monster Mouth Sheet, Number Cards A/B and Food Cards</li> <li>• Picture Cards and Character Cards</li> <li>• Photo Sheet</li> <li>• Counting objects and blocks</li> </ul>
<b>Lesson 3</b>	To subtract objects to find the total.	Children to recognise numerals and mathematical symbols. They will pick a hidden numbers to take away from ten and build a number sentence with it.	<ul style="list-style-type: none"> <li>• Can children identify numbers to twenty?</li> <li>• Can children represent numbers with objects?</li> <li>• Can children use the symbols '-' and '=' correctly in number sentences?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Number Cards A/B, Leaves and Branch Sheet</li> <li>• Operation Cards</li> <li>• Number Sentence Puzzles</li> <li>• Treasure and Number Sentence Cards</li> <li>• Photo Sheet</li> <li>• Counting objects</li> </ul>
<b>Lesson 4</b>	To subtract objects to find the total.	Children to read number sentences and use actions to explain what it means. They will then be challenged to solve the problem using mathematical language.	<ul style="list-style-type: none"> <li>• Can children identify numbers to twenty?</li> <li>• Can children represent numbers with objects?</li> <li>• Can children use the symbols '-' and '=' correctly in number sentences?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Number Cards A/B, Leaves and Branch Sheet</li> <li>• Operation Cards</li> <li>• Number Sentence Puzzles</li> <li>• Number Sentence Cards and Treasure</li> <li>• Photo Sheet</li> <li>• Counting objects</li> </ul>
<b>Lesson 5</b>	To subtract groups of objects to find the total.	Children to listen to subtraction problem and write it as a number sentence before explaining how they solved it.	<ul style="list-style-type: none"> <li>• Can children identify numbers to twenty?</li> <li>• Can children represent numbers with objects?</li> <li>• Can children use the symbols '-' and '=' correctly in number sentences?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Worksheet 5A</li> <li>• In Out Sheet</li> <li>• Photo Sheet</li> <li>• Counting objects, whiteboards, egg boxes</li> </ul>

# Let's identify 2D shapes: Maths : Year 1 : Autumn Term

	Learning Objective	Overview	Assessment Questions	Resources
<b>Lesson 1</b>	To recognise 2-D shapes and use maths words to describe them.	Children will be challenged to explain the difference between 2-D and 3-D shapes. They will also be challenged to describe the differences between 2-D shapes that have curved and straight edges.	<ul style="list-style-type: none"> <li>• Can children sort 2-D and 3-D shapes?</li> <li>• Can children sort polygons and shapes with curved edges?</li> <li>• Can children identify the sides, curved edges and corners of 2-D shapes?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Photo Sheet</li> <li>• Shape Cards 1A/1B</li> <li>• Worksheets 1A/1B</li> <li>• 2-D and 3-D shapes</li> <li>• Scissors, glue</li> </ul>
<b>Lesson 2</b>	To recognise 2-D shapes and use maths words to describe them.	Children will be challenged to describe, sort and make 2-D shapes. They will be reminded of various groups, such as polygons and non-polygons and triangles and rectangles	<ul style="list-style-type: none"> <li>• Can children sort 2-D and 3-D shapes?</li> <li>• Can children sort polygons and shapes with curved edges?</li> <li>• Can children identify the sides, curved edges and corners of 2-D shapes?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Photo Sheet</li> <li>• Shape Cards 2A/2B</li> <li>• Worksheets 2A/2B</li> <li>• 2-D and 3-D shapes</li> <li>• Scissors</li> </ul>
<b>Lesson 3</b>	To recognise and name common 2-D shapes, using maths words to describe them.	Children will recognise and name common 2-D shapes using mathematical language to describe them. They shall also describe their similarities and differences.	<ul style="list-style-type: none"> <li>• Can children describe some properties of rectangles and triangles?</li> <li>• Can children describe some differences and similarities between squares and oblongs?</li> <li>• Can children make triangles and rectangles?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Photo Sheet</li> <li>• Rectangles and Triangles Sheet 3A</li> <li>• Outdoor resources: chalk, sticks, sand etc.</li> <li>• Geoboards, peg boards, scrap paper, pencils, rulers</li> <li>• 2-D shapes</li> <li>• Feely bags X2</li> </ul>
<b>Lesson 4</b>	To recognise and name common 2-D shapes, using maths words to describe them.	Children to recognise and describe how many corners and sides different shapes have. They will listen to true and false statements to decide which applies to which shape.	<ul style="list-style-type: none"> <li>• Can children describe some properties of rectangles and triangles?</li> <li>• Can children describe some differences and similarities between squares and oblongs?</li> <li>• Can children make triangles and rectangles?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Photo Sheet</li> <li>• Rectangles and Triangles Sheet 4A</li> <li>• 2-D Shapes Sheet 4A</li> <li>• Outdoor resources: chalk, sticks, sand etc.</li> <li>• Geoboards, peg boards, scrap paper or fabric, scissors</li> <li>• 2-D shapes and Feely bags X2</li> </ul>
<b>Lesson 5</b>	To recognise common 2-D shapes, using maths words to describe them.	Children to create pictures and patterns using 2-D shapes and learn about tessellations.	<ul style="list-style-type: none"> <li>• Can children identify common 2-D shapes within simple composite shapes?</li> <li>• Can children make simple composite shapes?</li> <li>• Can children make patterns and pictures using 2-D shapes?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Photo Sheet</li> <li>• Tangram Sheet 5A</li> <li>• Challenge Cards 5A</li> <li>• 2-D shapes</li> <li>• 2-D shapes Sheet 5A</li> <li>• Tangram Pictures Sheet 5A</li> </ul>

# Let's compare length, height and mass!: Maths : Year 1 : Autumn Term

	Learning Objective	Overview	Assessment Questions	Resources
<b>Lesson 1</b>	To begin to understand what comparing is by comparing different lengths.	Children will be introduced to length and comparing different lengths through hands-on and interactive activities. They will enjoy comparing the lengths of animals in a veterinary as well as ordering these animals by their lengths. The children will also enjoy measuring wiggly lines to see which is longest.	<ul style="list-style-type: none"> <li>• Are children beginning to understand how to compare different lengths?</li> <li>• Can children compare lengths using non-standard measures?</li> <li>• Do children describe lengths using specific language?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Vet Measuring</li> <li>• Animals</li> <li>• Which is Longer?</li> <li>• Wiggly Lines</li> <li>• Photo Sheet</li> </ul>
<b>Lesson 2</b>	To compare and describe different heights.	Children will start to compare different heights through a variety of hands-on activities. They will enjoy lots of discussions about height through the interactive slides and enjoy ordering objects including themselves by height order.	<ul style="list-style-type: none"> <li>• Are children beginning to understand how to compare different heights?</li> <li>• Can children compare heights using non-standard measures?</li> <li>• Do children describe heights using specific language?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• String and Photo Sheet</li> <li>• Wiggly Lines</li> <li>• Vet and Zoo Measuring</li> <li>• Animals A/B</li> <li>• Which is Longer?</li> </ul>
<b>Lesson 3</b>	To compare and describe different weights.	Children will begin to learn about weight, what it is and why we weigh things. The children will enjoy lots of practical activities making predictions and weighing a variety of items as well as ordering items by weight.	<ul style="list-style-type: none"> <li>• Are children beginning to understand how to compare different weights?</li> <li>• Can children compare weights using scales?</li> <li>• Do children describe weights using specific language?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Which Weighs More?, Balance Scales and Stationery</li> <li>• Heavy or Light?</li> <li>• Weighing Parcels</li> <li>• Tin Foil for Space Rocks</li> <li>• Photo Sheet</li> </ul>
<b>Lesson 4</b>	To compare and solve practical problems of the mass of different objects.	Children will have lots of fun comparing and weighing a variety of different fruits and vegetables using a balance scale and their own hands. They will enjoy solving word problems as well as ordering space rocks. Children will begin to understand that larger objects aren't necessarily the heaviest objects.	<ul style="list-style-type: none"> <li>• Do the children understand what mass is?</li> <li>• Can children begin to compare the mass of two different objects?</li> <li>• Do children describe the mass of objects using specific language?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Fruit and Vegetables (MOS and Plenary only)</li> <li>• Heavy or Light?</li> <li>• Weighing Parcels</li> <li>• Which Weighs More?, Balance Scales and Stationery</li> <li>• Tin Foil for Space Rocks, Photo Sheet</li> </ul>
<b>Lesson 5</b>	To compare and solve problems for length, height and mass.	Children to use and apply the knowledge they have acquired during the week to solve problems for Danny the decorator. The children will be selecting the correct length, height and weight of various objects to complete tasks for Danny. They will also begin to notice certain items are double or half the length of one another.	<ul style="list-style-type: none"> <li>• Can children make comparisons between light and heavy or tall and short objects?</li> <li>• Can children describe what the comparisons are between objects?</li> <li>• Are children able to solve practical problems that involve length, height and mass?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Worksheet 5A/5B/5C</li> <li>• Ladders</li> <li>• Stationery Items</li> <li>• Fruit, Vegetables, Balance Scales, Paper and String</li> <li>• Photo Sheet</li> </ul>

# Let's find one more and one less: Maths : Year 1 : Autumn Term

	Learning Objective	Overview	Assessment Questions	Resources
<b>Lesson 1</b>	To find one more and one less than a number using objects.	Children to use objects to count out a number and practise adding one more or one less. Once a total has been found the children will then write this as a number sentence.	<ul style="list-style-type: none"> <li>• Can children identify numbers to twenty?</li> <li>• Can children find one more than a given number?</li> <li>• Can children find one less than a given number?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Number Cards A/B</li> <li>• Picture Cards</li> <li>• Jigsaw Pieces</li> <li>• Photo Sheet</li> <li>• Counting objects, bead strings</li> </ul>
<b>Lesson 2</b>	To find one more and one less than a number using objects.	Children to use objects to count out a number and practise adding one more or one less. Once a total has been found the children will then write this as a number sentence. Children to also spot the mistakes within given number sentences.	<ul style="list-style-type: none"> <li>• Can children identify numbers to twenty?</li> <li>• Can children find one more than a given number?</li> <li>• Can children find one less than a given number?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Number Cards A/B</li> <li>• Picture Cards</li> <li>• Jigsaw Pieces</li> <li>• Photo Sheet</li> <li>• Counting objects, bead strings</li> </ul>
<b>Lesson 3</b>	To find one more and one less than a number using a number line.	Children to solve one more and one less number problems using a number line.	<ul style="list-style-type: none"> <li>• Can children identify numbers to twenty?</li> <li>• Can children find one more than a given number?</li> <li>• Can children find one less than a given number?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Number Lines A/B, Number Cards A/B and Picture Cards</li> <li>• Number Sentence Cards A/B</li> <li>• Number Line Cards Bus Stop Sheet and People</li> <li>• Worksheet 3A/3B</li> <li>• Photo Sheet</li> </ul>
<b>Lesson 4</b>	To find one more and one less than a number using a number line.	Children to solve one more and one less number problems using a blank number line. Reinforcement of jump direction and why using a variety of different number lines.	<ul style="list-style-type: none"> <li>• Can children identify numbers to twenty?</li> <li>• Can children find one more than a given number?</li> <li>• Can children find one less than a given number?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Number Lines A/B/C and Number Cards A/B</li> <li>• Worksheet 4A/4B</li> <li>• Number Sentence Cards A/B, Bus Stop Sheet and People</li> <li>• Number Line Cards and Picture Cards</li> <li>• Photo Sheet</li> </ul>
<b>Lesson 5</b>	To find one more and one less than a number.	Children to solve one more and one less number problems using a variety of different methods, such as objects, bead strings, number lines, their fingers, drawing pictures and counting on or back. Children to answer using at least two different methods.	<ul style="list-style-type: none"> <li>• Can children identify numbers to twenty?</li> <li>• Can children find one more than a given number?</li> <li>• Can children find one less than a given number?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Shopping Basket Sheet</li> <li>• Problem Cards A/B</li> <li>• Food Sheet</li> <li>• Missing Operations Cards A/B</li> <li>• Photo Sheet</li> <li>• Counting objects, bead strings, number lines</li> </ul>

# Let's Add and Subtract Objects: Maths : Year 1 : Autumn Term

	Learning Objective	Overview	.	Resources
<b>Lesson 1</b>	To add and subtract groups of objects to find a total.	Children will learn about what addition and subtraction means and look at the symbols used for this.	<ul style="list-style-type: none"> <li>• Can children identify numbers to twenty?</li> <li>• Can children recognise '+', '-' and '=' symbols?</li> <li>• Can children find the total of two groups of objects?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Drumming Video (Mental Oral Starter only)</li> <li>• Addition Question Cards and Subtraction Question Cards A/B</li> <li>• Tree Sheet, Number Strips and Tree Instructions</li> <li>• Alien Sheet and Photo Sheet</li> <li>• Pipe cleaners, beads, plastic bowl, compare bears, objects, ten-sided dice, play dough</li> </ul>
<b>Lesson 2</b>	To add and subtract groups of objects to find a total.	Children to solve addition and subtraction questions and two-part addition and subtraction questions.	<ul style="list-style-type: none"> <li>• Can children identify numbers to twenty?</li> <li>• Can children recognise '+', '-' and '=' symbols?</li> <li>• Can children find the total of two groups of objects?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Addition Question Cards and Subtraction Question Cards A/B</li> <li>• Tree Sheet, Number Strips and Tree Instructions</li> <li>• Alien Sheet and Photo Sheet</li> <li>• Follow Me Cards A (Plenary only)</li> <li>• Pipe cleaners, beads, plastic bowl, compare bears, objects, ten-sided dice, play dough</li> </ul>
<b>Lesson 3</b>	To solve addition and subtraction questions.	Children to solve mixed addition and subtraction questions. Children will focus on the symbols used and which part to solve first.	<ul style="list-style-type: none"> <li>• Can children identify numbers to twenty?</li> <li>• Can children recognise '+', '-' and '=' symbols?</li> <li>• Can children solve addition and subtraction questions?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Board Game, Six-sided dice and interlocking blocks</li> <li>• Missing Operations Cards and objects</li> <li>• Spinners Card A/B and Worksheet 3A</li> <li>• Ten Frames and Number Sentences</li> <li>• Photo Sheet</li> </ul>
<b>Lesson 4</b>	To solve addition and subtraction questions.	Children to listen to addition and subtraction questions and record their answers in number sentences.	<ul style="list-style-type: none"> <li>• Can children identify numbers to twenty?</li> <li>• Can children recognise '+', '-' and '=' symbols?</li> <li>• Can children solve addition and subtraction questions?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Board Game, Six-sided dice and interlocking blocks</li> <li>• Missing Operations Cards and objects</li> <li>• Spinners Card A/B and Worksheet 4A</li> <li>• Ten Frames and Number Sentences</li> <li>• Photo Sheet</li> </ul>
<b>Lesson 5</b>	To solve addition and subtraction problems.	Children to read word problems and decide if it is an addition or a subtraction question. They will then think about how to write this as a number sentence and finally solve the problem.	<ul style="list-style-type: none"> <li>• Can children identify numbers to twenty?</li> <li>• Can children recognise '+', '-' and '=' symbols?</li> <li>• Can children solve addition and subtraction questions?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Buttons Video (MOS Only)</li> <li>• Shopping Cards A/B</li> <li>• Question Cards A/B/C</li> <li>• Answer Cards A/B</li> <li>• Photo Sheet</li> <li>• A variety of counting resources available to support</li> </ul>



# Can you recognise coins?: Maths : Year 1 : Autumn Term

	Learning Objective	Overview	Assessment Questions	Resources
<b>Lesson 1</b>	To recognise and know the value of different denominations of coins.	Children will learn to recognise the eight British coins and their values. They will explore the coins by their size, colour, shapes and amounts. The children will have opportunities to recognise partially hidden coins as well as hunt for coins to match to their own individual coin card.	<ul style="list-style-type: none"> <li>• Do children recognise different coins?</li> <li>• Can children correctly say the value of different coins?</li> <li>• Can children recognise partially hidden coins?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Worksheet 1A</li> <li>• Coin Card</li> <li>• Sorting Cards</li> <li>• Photo Sheet</li> </ul>
<b>Lesson 2</b>	To recognise and know the value of different denominations of coins.	Children will have the opportunity to distinguish individual coins between a selection. They will explore the value of coins as well as listening to descriptions of hidden coins and reveal the answer. The children will enjoy learning how to describe hidden coins themselves as well as sort piles of coins into groups.	<ul style="list-style-type: none"> <li>• Do children recognise different coins?</li> <li>• Can children correctly say the value of different coins?</li> <li>• Can the children match the values of coins to their description?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Worksheet 2A</li> <li>• Sorting Cards</li> <li>• Coin Card</li> <li>• Photo Sheet</li> </ul>
<b>Lesson 3</b>	To recognise and know the value of different denominations of coins.	Children will enjoy sorting a variety of muddled up coins back into the empty piggy banks. They will practise arranging the coins by the smallest value to the largest and vice versa. The children will have opportunities to play games such as coin snap as well as using coin fans to match coins to descriptions.	<ul style="list-style-type: none"> <li>• Do children recognise different coins?</li> <li>• Can children correctly say the value of different coins?</li> <li>• Can children order the muddled up coins?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Coin Snap</li> <li>• Piggy Banks</li> <li>• Coin Fan</li> <li>• Photo Sheet</li> <li>• Shopping Trolley Bingo Card and Coin Cards</li> <li>• Large Piggy Bank, Large Coins and Dice Cards (plenary only)</li> </ul>
<b>Lesson 4</b>	To recognise and know the value of different denominations of coins.	Children to use and apply the knowledge they have acquired to recognise the most coins in a piggy bank and find that coin on a coin fan. The children will be introduced to price labels and reminded of the pound and pence symbol. They will start to match coins to price labels and enjoy playing an exciting shopping trolley bingo game.	<ul style="list-style-type: none"> <li>• Do children recognise different coins?</li> <li>• Can children correctly say the value of different coins?</li> <li>• Can children match the values of coins?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Coin Snap</li> <li>• Piggy Banks</li> <li>• Coin Fan</li> <li>• Photo Sheet</li> <li>• Shopping Trolley Bingo Card</li> <li>• Coin Cards</li> </ul>
<b>Lesson 5</b>	To recognise and know the value of different denominations of coins.	Children will practise reading price labels and matching them to the correct coin using coin fans. They will have lots of opportunities to recognise coins and apply the skills they have learnt through ordering coins, matching coins, hunting for coins as well as having lots of fun playing a farm shop game.	<ul style="list-style-type: none"> <li>• Do children recognise different coins?</li> <li>• Can children correctly say the value of different coins?</li> <li>• Can children match the values of coins?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Coin Fan</li> <li>• Coin Dominos A/B</li> <li>• Coin Hunt Checklist and Giant Coins (1p - £2)</li> <li>• Coin Ordering</li> <li>• Photo Sheet</li> <li>• Farm Shop Card and Coin Cards</li> </ul>

# Let's find the value of coins!: Maths : Year 1 : Autumn Term

	Learning Objective	Overview	Assessment Questions	Resources
<b>Lesson 1</b>	To recognise and know the value of different denominations of coins.	Children will begin to learn that combinations of different coins can have the same value. They will learn a variety of different values and ways to make these using coins from 1p to 10p. The children will enjoy exploring making different amounts through fun and engaging tasks such as coin matching and exchange games.	<ul style="list-style-type: none"> <li>• Do children recognise different coins?</li> <li>• Can children correctly say the value of different coins?</li> <li>• Do children recognise that some amounts can be made in different ways?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Exchange Game Cards</li> <li>• Coin Match</li> <li>• 3D Piggy Bank</li> <li>• Coin Cards and Coins</li> <li>• Worksheet 1A</li> <li>• Photo Sheet</li> </ul>
<b>Lesson 2</b>	To recognise and know the value of different denominations of coins and use them to make the same amounts.	Children will enjoy turning one coin into several but keep the same amount. Through engaging and visual slides the children will explore using different coins that have the same value. The children will then have the opportunity to create a 3D hands-on version of this game to play in pairs.	<ul style="list-style-type: none"> <li>• Can children correctly say the value of different coins?</li> <li>• Do children recognise that some amounts can be made in different ways?</li> <li>• Can children make amounts in different ways?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Worksheet 2A</li> <li>• 3D Piggy Bank</li> <li>• Coin Cards and Coins</li> <li>• Exchange Game Cards</li> <li>• Coin Match</li> <li>• Photo Sheet</li> </ul>
<b>Lesson 3</b>	To understand and know the value of different denominations of coins.	Children will have the opportunity to explore their understanding of what is meant by the term 'value' and match values made in different ways. They will enjoy exploring items within a treasure chest that may or may not have the same value as its coin on the outside. The children will become familiar with matching amounts to coins, price labels and written amounts.	<ul style="list-style-type: none"> <li>• Can children correctly say the value of different coins?</li> <li>• Do children understand the value of different coins?</li> <li>• Can children match objects with the same value as the coin given?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Money Cards (Mental Oral Starter only)</li> <li>• Worksheet 3A</li> <li>• Coin Cards and Coins 1p - 50p</li> <li>• Chest Cards, Treasure Chest Game Card and Treasure</li> <li>• Domino Cards</li> <li>• Photo Sheet</li> </ul>
<b>Lesson 4</b>	To exchange coins for the correct amount.	Children to use and apply the knowledge they have acquired to firstly work out if their given amount is correct and if not to then exchange their amount for the correct one with a member of their group. Children will have lots of opportunities to match amounts that have the same value as well as make different amounts of the same value using coins.	<ul style="list-style-type: none"> <li>• Can children correctly recognise an amount?</li> <li>• Can children exchange coins for another amount?</li> <li>• Can children match objects with the same value as the coin given?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Exchange Cards (Teaching Input only)</li> <li>• Worksheet 4A</li> <li>• Coin Cards and Coins 1p - 20p</li> <li>• Chest Cards, Treasure Chest Game Card and Treasure</li> <li>• Domino Cards</li> <li>• Photo Sheet</li> </ul>
<b>Lesson 5</b>	To recognise and match amounts to the correct price labels.	Children will have fun visiting a toy shop to practise recognising amounts and matching them to their correct price label. They will enjoy a piggy bank hunt around the classroom as well as a challenging coin snap game matching different combinations of coins that have the same value.	<ul style="list-style-type: none"> <li>• Can children correctly recognise the price label that matches their coin amount?</li> <li>• Can children match amounts that have used different coins?</li> <li>• Can children begin to add amounts to make totals?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Dice Cards (for Mental Oral Starter also)</li> <li>• Worksheet 5A</li> <li>• Piggy Bank Hunt Checklist and Piggy Banks</li> <li>• Coin Snap</li> <li>• Large Price Labels and Toys (for Teaching Input also)</li> <li>• Photo Sheet</li> </ul>

# Let's identify 3-D shapes: Maths : Year 1 : Autumn Term

	Learning Objective	Overview	Assessment Questions	Resources
<b>Lesson 1</b>	To recognise and name common 3-D shapes.	Children to recognise and describe the differences between 2-D and 3-D shapes. They shall discuss how many sides different 3-D shapes have as well as learn the correct names and spellings of the 3-D shapes.	<ul style="list-style-type: none"> <li>• Can children identify 2-D/3-D shapes in a mixed set of shapes?</li> <li>• Can children identify the square faces of cubes?</li> <li>• Can children start to distinguish between cubes and other long/tall cuboids?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Photo Sheet</li> <li>• A selection of small cardboard boxes</li> <li>• Feely bag &amp; 3-D shapes, paint, brushes, pots etc.</li> <li>• Jelly, small containers for moulds</li> <li>• Cube/Cuboid Cards 1A</li> <li>• Cube/Cuboid Spinner</li> </ul>
<b>Lesson 2</b>	To recognise and name common 3-D shapes.	Children to match the labels to the shapes. They shall be making, naming and recognising 3-D shapes.	<ul style="list-style-type: none"> <li>• Can children identify 2-D/3-D shapes in a mixed set of shapes?</li> <li>• Can children identify the square faces of cubes?</li> <li>• Can children start to distinguish between cubes and other long/tall cuboids?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Photo Sheet</li> <li>• A selection of small cardboard boxes</li> <li>• Feely bag &amp; 3-D shapes, paint, brushes, pots etc.</li> <li>• Jelly, small containers for moulds</li> <li>• Cube/cuboid Cards 2A</li> <li>• Cube/Cuboid Spinner</li> </ul>
<b>Lesson 3</b>	To recognise and name common 3-D shapes.	Children to learn the names and describe the appearance of cones and cylinders. They shall be challenged to recognise them in their environment.	<ul style="list-style-type: none"> <li>• Can children say and read the words 'cone' and 'cylinder'?</li> <li>• Can children explain some ways in which cones and cylinders are similar and different?</li> <li>• Are children beginning to learn how to write mathematical vocabulary: 'cylinder', 'cone'?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Photo Sheet</li> <li>• 3-D shapes/wooden toy blocks</li> <li>• Sorting rings</li> <li>• Cylinder Printing 3A, cardboard tubes and paint</li> <li>• Cylinder Cards 3A</li> <li>• Cone Hat 3A</li> </ul>
<b>Lesson 4</b>	To recognise and name common 3-D shapes.	Children to recognise and describe the differences and similarities between cones and cylinders. They shall match the names to the shapes as well as identify cones or cylinders in pictures.	<ul style="list-style-type: none"> <li>• Can children say and read the words 'cone' and 'cylinder'?</li> <li>• Can children explain some ways in which cones and cylinders are similar and different?</li> <li>• Are children beginning to learn how to write mathematical vocabulary: 'cylinder', 'cone'?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Photo Sheet</li> <li>• 3-D shapes/wooden toy blocks</li> <li>• Sorting rings</li> <li>• Cylinder Printing 4A, cardboard tubes and paint</li> <li>• Cylinder Cards 4A</li> <li>• Cone Hat 4A</li> </ul>
<b>Lesson 5</b>	To recognise and name common 3-D shapes.	Children challenged to identify the partially obscured shapes. They will learn the name for the 3-D shape 'sphere' and recognise them in their environment.	<ul style="list-style-type: none"> <li>• Can children match names to common 3-D shapes and vice-versa?</li> <li>• Can children find common objects that are cubes, cuboids, cylinders, cones and spheres?</li> <li>• Can children describe some differences between common 3-D shapes?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Photo Sheet</li> <li>• A range of spherical objects</li> <li>• Shape Spinner</li> <li>• A feely bag/3-D shapes</li> <li>• Worksheet 5A</li> <li>• 3-D Shape Pairs Cards and 3-D Shape fans</li> </ul>

# Let's use time language!: Maths : Year 1 : Autumn Term

	Learning Objective	Overview	Assessment Questions	Resources
<b>Lesson 1</b>	To understand what time language is and to sequence events.	Children will begin to learn about sequencing events in chronological order. They will be introduced to using the appropriate language to describe sequencing. The children will look at sequencing morning routines, the life cycle of a chick as well as familiar stories and nursery rhymes.	<ul style="list-style-type: none"> <li>• Are children beginning to understand what time language is?</li> <li>• Can children begin to use time language?</li> <li>• Can children sequence the first half of a typical daily routine?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Worksheet 1A/1B/1C</li> <li>• Morning Routine A/B/C</li> <li>• Life Cycle of a Chick</li> <li>• Routine Sentences</li> <li>• Photo Sheet</li> </ul>
<b>Lesson 2</b>	To use time language to sequence events.	Children will apply their knowledge of sequencing events to sequence afternoon routines. They will compare an afternoon routine with their own and use the appropriate language to describe other sequential events such as Little Red Riding Hood and the life cycle of a frog.	<ul style="list-style-type: none"> <li>• Can children use time language appropriately?</li> <li>• Can children sequence the second half of a typical daily routine?</li> <li>• Do children understand what a sequence is?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Worksheet 2A/2B/2C</li> <li>• Afternoon Routine A/B/C</li> <li>• Life Cycle of a Frog</li> <li>• Photo Sheet</li> </ul>
<b>Lesson 3</b>	To recognise and use language relating to dates for days of the week and weeks.	Children will begin to learn the days of the week and have the opportunity to explore the days through fun activities such as reordering the days, continuing on patterns, reading clues and matching the correct day as well as playing a days of the week game.	<ul style="list-style-type: none"> <li>• Can children say the days of the week?</li> <li>• Do children know how many days of the week there are?</li> <li>• Can children continue saying days of the week starting from a different day than Monday?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Time Connective Words (MOS only)</li> <li>• Worksheet 3A/3B/3C</li> <li>• Days of the Week</li> <li>• Days of the Week Game</li> <li>• Photo Sheet</li> </ul>
<b>Lesson 4</b>	To recognise and use language relating to dates for months and years.	Children will have fun learning all about the months of the year as well as learning about the seasons. They will enjoy activities such as reordering the months, saying which months come before and after and playing an exciting months of the year game.	<ul style="list-style-type: none"> <li>• Can children say the months of the year?</li> <li>• Do children know how many months of the year there are?</li> <li>• Can children continue saying the months of the year starting from a different month than January?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Worksheet 4A/4B/4C</li> <li>• Days of the Week</li> <li>• Months of the Year Game</li> <li>• Months of the Year A/B/C</li> <li>• Photo Sheet</li> </ul>
<b>Lesson 5</b>	To sequence events in chronological order using time language.	Children to use and apply the knowledge they have acquired to complete a variety of sequencing activities. The children will enjoy activities such as sequencing the life cycle of a butterfly, how to make cupcakes and fun group activities to sequence their birthdays.	<ul style="list-style-type: none"> <li>• Can children sequence a daily routine using the correct time language?</li> <li>• Can children recall the days of the week?</li> <li>• Can children recall the months of the year?</li> </ul>	<ul style="list-style-type: none"> <li>• Slides</li> <li>• Our Class Calendar (MOS only)</li> <li>• Worksheet 5A/5B/5C</li> <li>• Life Cycle of a Butterfly</li> <li>• Cupcake Sequencing</li> <li>• Photo Sheet</li> </ul>