



Chater Infant School

Subject/Area of Learning: Maths

Year Group: R

Term: Autumn Term 2022 First Half

Topics: Ourselves and Autumn

Week	Objectives	Task/Activity <i>Differentiation</i>	Cross Curricular Links Inc. Cultural Capital opps	Resources/Links	Key Vocabulary	RRS
1 and 2 5 th September 12 th September	Baseline Assessment Statutory baseline assessment time and school assessment. Counting and recognising numbers Shape and space Focus on these counting rhymes: https://www.bbc.co.uk/teach/school-radio/nursery-rhymes-five-currant-buns/zm4nmfr https://www.bbc.co.uk/teach/school-radio/nursery-rhymes-five-little-monkeys-jumping-on-the-bed/zm7rf4j Ideally the children will know these rhymes by the end of week 2.					
3 19 th September	<ul style="list-style-type: none"> To recognise quantities of numbers, without 	Prior Learning Some children will have experienced dot patterns and dice games.	CL Playing a game with others. PSED	Four giftbags Collection of items (all the same) Dot patterns	More, less, fewer, bigger, smaller, longer, higher, different, same	Article 28: We have a right to learn and to



	<p>counting.</p> <p>Subitising</p>	<p>Show children the dice dot pattern cards. Can the children tell you what the number is without counting?</p> <p>Adaption- have some cards that are different ways of making the same number as a dot pattern.</p> <p>Activity- What's in the bag- the same, more or less?</p> <p>Have four gift bags that have a collection of up to 6 items in each bag. The child picks two bags, and then can look inside and tell you it is the same, more or less.</p>		cards.		go school
<p>4 26th September</p>	<ul style="list-style-type: none"> To recognise quantities of numbers, without counting. <p>Subitising</p>	<p>Prior Learning Some children will have experienced dot patterns and dice games.</p> <hr/> <p>Show children different dot patterns cards for the children to rapidly recall the quantity.</p> <p>Activity- Play pairs game with cards from Ace (1)-6.</p>	<p>CL Playing a game with others. PSED</p>	<p>Playing cards Dot pattern cards</p>	<p>More, less, fewer, bigger, smaller, longer, higher, different, same</p> <p>Number names from 1-6</p>	<p>Article 28: We have a right to learn and to go school</p>
<p>5 3rd</p>	<ul style="list-style-type: none"> To recognise and talk about 	<p>Prior Learning Most children will have</p>	<p>CL</p>	<p>5/10 frames Numicon</p>	<p>Full Empty</p>	<p>Article 29: We have</p>



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October	<p>dot patterns.</p> <ul style="list-style-type: none"> To match the dot pattern cards with a corresponding number of animal cards. <p>Subitising</p>	<p>experienced dot patterns and dice games.</p> <p>Activity: 10's frame bus game – Child picks a dot pattern card and then puts the corresponding number of animals on the bus.</p>		Abacus Dot pattern cards Bus's	Matching More Less	the right to become the best that we can be.
6 10 th October	<ul style="list-style-type: none"> To recognise quantities of numbers, without counting. To record quantities. <p>Subitising</p>	<p>Prior Learning Most children will have experienced dot patterns and dice games.</p> <p>Activity- Skittles. The children can record a tally of how many skittles they have knocked down.</p> <p>Adaption- children can also record the numeral alongside the tally.</p>	CI Playing a game with others. PSED	Skittles Whiteboard Pens	Same Different Tally Match	<p>Article 2: All children have rights</p> <p>Article28: I have the right to an education.</p>
7 17 th October	<ul style="list-style-type: none"> To create a picture using 2D shapes. 	<p>Prior Learning Most children will know the 2D shape names.</p> <p>Activity- children to make a 2D picture using 2D shapes.</p>	CL Understanding shape and shapes in the environment around us. UTW	Pre- cut shapes Paper Glue	Triangle Square Circle Oval Rectangle	<p>Article 2: All children have rights</p> <p>Article 31: We have the right to relax, play and join in a wide range</p>



						of cultural and artistic activities.
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Subject/Area of Learning: Maths

Year Group: R

Term: Autumn Term 2022 Second Half

Topics: Festivals and Celebrations

Week	Objectives	Task/Activity <i>Differentiation</i>	Cross Curricular Links Inc. Cultural Capital opps	Resources/Links	Key Vocabulary	RRS
1 31 st October	<ul style="list-style-type: none"> To talk about and compare capacities. 	<p>Prior Learning The children will have some knowledge of full and empty.</p> <p>Activity- The Witch would like to make the biggest potion. Which container can hold the most? You can use a cup as a standard measure. The children can help the adult label each container with the cup number.</p>	CL	Containers Food colouring Post-it notes	Overflows Bigger Shorter Fatter Thinner Holds more Holds less	<p>Article 2: All children have rights</p> <p>Article 31: We have the right to relax, play and join in a wide range of cultural and artistic</p>



						activities.
2 7 th November	<ul style="list-style-type: none"> To make and describe a pattern. 	<p>Prior Learning Most children have had the opportunity to copy a pattern.</p> <p>Activity- children to copy and continue an AB pattern with blocks, then do it with other colours/materials (adaption) Example- red, blue, red, blue (blocks) and the children have to copy it by using acorns and conkers.</p>	CL	Objects for pattern making (any) can be natural or school based	What do you notice Tell me about your pattern What goes next	Article 28: We have a right to learn and to go school
3 14 th November	<ul style="list-style-type: none"> To use everyday language to talk about size and to compare quantities and objects. 	<p>Prior Learning Some children have used size language to compare objects.</p> <p>The child lies down and the adult measures, by putting a marker at the head and feet. How many pencils will match this length? Repeat with others things of uniform length.</p> <p>Activity- Children to measure a strip of paper using different units, example- pencils, cubes, rubbers.</p>	CL PSED	Paaper Pencils Cubes Rubbers Units for measuring	More Less Fewer Most Biggest number Smallest number	Article 2: All children have rights Article 31: We have the right to relax, play and join in a wide range of cultural and artistic activities.



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<p>4 21st November</p>	<ul style="list-style-type: none"> To recognise and order numerals. <p>Assessment task</p>	<p>Prior Learning Most children will be able to recognise numerals from 0-10.</p> <hr/> <p>Activity- Assessment task.</p>		<p>Numeral cards Assessment sheets</p>		<p>Article 28: We have a right to learn and to go school</p>
<p>5 28th November</p>	<ul style="list-style-type: none"> To explore the composition of numbers to 10. 	<p>Prior Learning Some children have made a number in different ways. Example, 6 can be 3 and 3 or five fingers on one hand and one on the other.</p> <hr/> <p>Activity- arranging 6 eggs in two baskets (nests). How many in one nest/ how many in the other? Emphasise the parts within the whole: there were 6 eggs. Two are in this nest and four are in this nest.</p>	<p>CL UTW</p>	<p>Egg shakers Bowls for the nests</p>		<p>Article 28: We have a right to learn and to go school</p>
<p>6 5th December</p>	<ul style="list-style-type: none"> To begin to recall number bonds for numbers 0-10. 	<p>Prior Learning Some children will have experienced some number bonds, e.g. 5+5=10</p> <hr/> <p>Adult to make visual and practical ways of showing the different ways of making numbers to 10 (number bonds).</p>	<p>CL</p>	<p>Tens frame Objects Red and white counters</p>	<p>Number bonds song Number names</p>	<p>Article 28: We have a right to learn and to go school</p>



		Activity- Tens frame.				
7 12 th December	<ul style="list-style-type: none"> To learn names of 3D shapes To recognise 3D shapes around us. 	Prior Learning The children will have some knowledge of 3D shapes.	CL UTW	Scrapbook (paper) Camera Recording sheets	Cube Cylinder Sphere Pyramid Cuboid Triangular prism	Article 28: We have a right to learn and to go school
		Activity- 3D shape hunt.				
8 19 th December	<ul style="list-style-type: none"> To investigate how many shapes can be combined to make a new shape. 	Prior Learning The children will have some knowledge of 2D shapes.	CL UTW	2d shapes Pattern blocks	Triangle Squares Diamonds Hexagons Rhombus Trapezium	Article 2: All children have rights Article 31: We have the right to relax, play and join in a wide range of cultural and artistic activities.
		Investigate how many shapes can be combined to make a new shape. Show a slice of bread and cut into two triangles. Look, two triangles can make a square. Activity- children to explore composing and decomposing shapes so they can recognise a shape within a shape.				