



Curriculum Area: Numeracy
Early Years - KS4 Programme of Study

Pupils will access numeracy on a daily basis throughout the curriculum to maintain and develop their skills, e.g. Circle Time, timetables, celebrations, games and activities. However, some areas of the numeracy curriculum link particularly closely to our specific topics and are therefore given a focus during that term.

Early Years

Topic	Number	Shape, Space and Measure
Let's Go!	Number songs and associated counting activities	Filing and Emptying different containers
Once upon a time	Number songs and following a counting sequence	Exploring size- Big and small
What a beast!	Number songs and Rhymes- Collecting objects of interest Holding different objects- Passing objects Counting objects by putting into baskets and taking objects out of baskets	Shapes- 2d shapes Stacking and building
Once upon a Rhyme!	Number rhymes- Following a counting sequence Identifying and responding to the next number in a sequence.	Matching objects Stacking and knocking over objects
Crunch, Crunch! Slurp, slurp!	Using objects and resources with multiple parts and buttons Shopping role play activities Going shopping	Capacity- Placing objects into containers Looking in containers
Oh I do like to be beside the Seaside!	Quantity- 1 or lots (Shells, fish) Joining in with action Rhymes	Shapes- 3d Filling and emptying containers- water and sand
All about me!	Matching pictures and objects Finger games	Exploring different movements- up, down, forwards and backwards Daily routine and events
Over the Rainbow	Number songs- Joining in with counting and identifying which number is next	Light and dark Colour Matching and sorting

Come outside	Touch a range of textures and objects Touches objects as they are counted.	Completing different actions with playdough
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Primary- 6 Year Rolling Programme

Topic	Number	Geometry	Measure	Statistics
A Long, Long Time Ago...	L & U - Songs and stories	L & U - shape	L & U – Time, sequencing events L & U – weight (comparing heavy/light objects by handling, balance scales)	L & U – names a set of items objects
Mini Movers!	L – Counting (legs, spots, etc.) U - calculations	L & U - pattern	L & U – Positions and Directions	L & U – estimate how many minibeasts in a container, picture
In a Deep Dark Wood ...	L – One and lots	L & U - Shape	L & U – Temperature, Length/height L & U – Time (light, dark) L & U – comparing heights	L & U – recognise links between objects, e.g., leaf/tree
What a Disaster!	L & U – songs and stories	L & U - shape	L & U – temperature L & U – Time (dates, sequence events)	Pictogram - weather
Mmmm Chocolate!	L – Counting, adding and subtracting one (chocolate buttons) U - Calories (chocolate wrappers) U – Fractions (chocolate fingers, halving a recipe)	L – Shape U – Shape, Nets (making boxes)	L & U – Money, Weight and Capacity	L & U – tally chart (survey of favourite chocolate bar), present information in a pie chart or pictogram
Green Living	L – Recognising number – page numbers	L & U – Shape - packaging, sorting, logos, signs	L & U – Capacity, size – recycling,	L & U - Questionnaires
I went to the Shop	L – Counting U – Calculations – Addition, Subtraction, Multiplication, Division	L & U – Directions, Positions	L & U – Money (exchanging a coin, recognising coins)	L & U – comparing shopping lists
A Carnival of Colour	L – songs and stories	L & U – repeat patterns	U – ratios for mixing colours	L & U – favourite colours survey
Water, Water	L – songs and	U – shape (shells,	L & U – Capacity	

Everywhere	stories, one and lots U – counting fish, shells, one more, one less	fish) L & U - patterns	L & U – temperature of water, ice	
Lights! Camera! Action!	L – Number - one and lots – feely trays (popcorn)	L & U – sorting sweets according to shape L & U pic n’ mix patterns	U – time (days of the week) U – money (role play buying tickets) L & U – capacity (ordering, filling drinks containers) L – temperature (hot/cold drinks, snacks, melting ice cream) L & U – sorting sweets according to size	L – listening to and responding to favourite film songs U – favourite film snack survey
Europe, Here we Come	U – finding page numbers in an Atlas	L – shapes used in flags U – symmetry in flags	U – length of journeys, distance	U – comparing data
Watch Me Go!	U – 1 st , 2 nd , 3 rd	U & L – 2D and 3D shapes (wheels, bus, van on the sides of vehicles)	U & L – measuring distance, e.g., cars down a ramp	U & L – vehicle survey
Down on the Farm	L & U – Counting, Calculations	L – Positions – Rosie’s Walk	L & U – Length - size of pens, fields, heights – comparing animals	
Everywhere Around Me!	L & U – songs and stories	L – handling objects	U – comparing distances	
Food, Glorious Food!	L – stories and rhymes U – fractions (cutting toast, sandwiches)	L & U – shape cutters	L – comparing textures L & U – measuring ingredients for cooking (using balance scales, weighing in grams) U – money (menu prices, food shopping)	Pictogram of favourite food
This is Me!	L & U – Counting number of eyes, fingers, how many brothers and sisters L – calculations (finding the difference between	L & U – shape picture of a face, body, house L & U – hand and footprint patterns	L & U – measuring using parts of the body e.g., hand spans, steps L & U – comparing heights Time – daily routine, dates	L & U – surveys of favourite activities, pets (record in tally chart, display results in a bar chart or pictogram) L – use models or objects to indicate

	number of brothers and sisters) U – calculations (repeat addition 5 + 5 + 5 + 5 for fingers and toes, 2 + 2 ... for number of eyes in the class)		(birthdays)	own family
Unearthing the Anglo-Saxons	U – one to one correspondence	L & U – geometric patterns used in weaving L & U – 3D shape e.g., hemisphere (burial mounds) U – time (dates)	L & U – Capacity (filling/emptying containers with sand)	
Oh What a Wonderful World!			U – length of journeys, distance	

Secondary- 5 Year Rolling Programme

Topic	Number	Geometry	Measure	Statistics
Robots	L & U – Sequencing	L & U – Shape – robot parts, building using geometric construction material	L & U – Position and Directions – robot moves, robot paces (length and width of classroom) L & U – Money, Length	L – Tally chart U – Presenting data in chart
World War 2	L – Counting, one more, one less (items in a suitcase, children’s games, e.g., Ludo, dominoes) U – finding the difference between estimates and number counted	L & U – plane markings (circles, German cross)	L & U - Weight and Capacity – rationing, cooking L & U – Time – Daily routines U – railway timetables	U – Comparing casualties, number of houses bombed in each year, interpreting pictograms
Asia	L & U - Calculations, place value	L & U – patterns and shapes, e.g., architecture, fabrics	L & U – Time – Seasons, Temperature U – length of journeys, distance	U - population
Europe	U - Decimals (money)	L – shapes used in flags	L & U – Money U – Length –	U – comparing data,

		U – symmetry in flags	distance between countries U & L – measuring cooking ingredients	asking/answering questions about it
Chocolate	L - Counting U - Addition and Subtraction (calories) Fractions (chocolate fingers, chocolate bars)	L – Shape U – Shape, Nets (making boxes)	L & U – Weight and Capacity L & U - Money	L & U – tally chart (survey of favourite chocolate bar), present information in a pie chart or pictogram U – using Excel
Space	L & U – Number (counting backwards from 10, counting stars, planets)	L & U – comparing and ordering the size of model planets L & U – shape (stars, spheres)	U – distance L & U – time (carry out tasks in a given time e.g. number of moon steps in a minute, lunar months)	
Victorians	L – songs and rhymes U – Counting (children’s games, skipping)	L & U – shape (model making, toys)	L & U – size (big/small objects) L & U – Time (comparing daily routines) L & U – weight (comparing heavy/light objects by handling, balance scales)	
Earth	L & U – Number songs and rhymes	L & U – shape (sphere/hemi-sphere)	L & U – time (night & day, seasons, 24 hours)	
British Culture	U & L – stories and songs U & L – one to one correspondence (matching cups to saucers, straws to drinks)	L – shape pictures U – recognising shapes in pictures or photos	L & U – Money - (recognising coins) Time - (basic routine of a school day, how often events occur, dates of special occasions)	U & L – recording information in bar charts and pictograms
Beliefs and Values	L & U - counting	L - handling objects U – recognising shapes in pictures	U & L – Time (days, months, dates)	
Going Places	U & L – counting		U & L – time (distance, analogue & digital clocks)	U & L – surveys (favourite places, places visited)
A Celebration of Suffolk	U – Number – decimals - money	U & L – building landmarks using construction materials, e.g. Orwell Bridge	L & U – Times and Dates – timetables, local shows and events, Money	U – Contrasts – Pie - charts, e.g. land-use, jobs

The Big Screen	L – Number - one and lots – feely trays (popcorn) U – Number - identifying numbers (seats, tickets) U – Number – calculations (repeat addition, word problems)	L – positional vocabulary (4D simulator when bench sitting or in the sensory cabin) L & U – sorting sweets according to shape L & U pic n’ mix patterns U – symmetry in film logos	U – time of screenings, film duration, dates U – money (price of tickets) L & U – capacity (ordering, filling drinks containers) L – temperature (hot/cold drinks, snacks, melting ice cream) L & U – sorting sweets according to size	L – listening to and responding to favourite film songs U – favourite film snack survey, ask and answer questions about the results
Ancient Civilizations - Ancient Greece (Elmer’s Art Trail)	L – Number – themed counting songs and rhymes	L & U – geometric shapes in cultural patterns, repeat patterns L & U – positional vocabulary (treasure hunt)	L & U – size – big, small, comparing objects L & U – weight of objects, comparing by handling or using balance scales	
Global Rhythm and Rhyme	L & U – counting beats U – fractions (beats in a bar)	L & U – aboriginal patterns L & U – shapes of instruments		