Rainbow Year 1 and Year R MTP Summer 2025

TOPIC: Mechanisms and Inventions and Green Spaces



Subject	Spring	Key Skills and Outcomes
Literacy	Phonics: Read Write Inc. On-going throughout Fiction: Through Read Write Inc. Non-Fiction: Instructions and labels Poetry: Playing with Rhyme; riddles Grammar	 Spelling some words correctly and making phonetically-plausible attempts at others Spell some common exception words Form all letters correctly Use spacing between words Write sentences that are sequenced to form a short narrative. Use full stops and capital letters in a narrative. Multiple simple sentences under subheadings. Some use of conjunctions and adverbials of time. Headings and subheadings List of what you need using bullet points Imperative verbs Chronological order Recite a familiar rhyme, adding actions. Use poem format to develop own version. Recad riddles and understand format. Write own simple riddle. Know what a noun and verb is. Use names of people, places and things. Use nouns and pronouns for variety. Use past and present tense by adding ed or ing to a verb.

Fractions Position and Direction Place Value Money Time Cardinality Ordinality Counting Subitising Composition Comparison	 To recognise equal groups and add them together To make arrays To make doubles To make equal groups through grouping and sharing To recognise one quarter and one half of an object or shape To recognise one quarter or one half of a quantity To describe turns To describe positions using - left, right, forwards, backwards, above and below To explore ordinal numbers To count from 50-100 To know tens to 100 Be able to partition numbers into tens and ones Understand 1 more than and 1 less than Compare any two numbers To explore coins and notes and be able to recognise them and know their worth To know before and after, days of the week and months of the year To explore hours, minutes and seconds
Place Value Money Time Cardinality Ordinality Counting Subitising Composition	 To make arrays To make doubles To make equal groups through grouping and sharing To recognise one quarter and one half of an object or shape To recognise one quarter or one half of a quantity To describe turns To describe positions using - left, right, forwards, backwards, above and below To explore ordinal numbers To count from 50-100 To know tens to 100 Be able to partition numbers into tens and ones Understand 1 more than and 1 less than Compare any two numbers To explore coins and notes and be able to recognise them and know their worth To know before and after, days of the week and months of the year
Money Time Cardinality Ordinality Counting Subitising Composition	 To make equal groups through grouping and sharing To recognise one quarter and one half of an object or shape To recognise one quarter or one half of a quantity To describe turns To describe positions using - left, right, forwards, backwards, above and below To explore ordinal numbers To count from 50-100 To know tens to 100 Be able to partition numbers into tens and ones Understand 1 more than and 1 less than Compare any two numbers To explore coins and notes and be able to recognise them and know their worth To know before and after, days of the week and months of the year
Time Cardinality Ordinality Counting Subitising Composition	 To recognise one quarter and one half of an object or shape To recognise one quarter or one half of a quantity To describe turns To describe positions using - left, right, forwards, backwards, above and below To explore ordinal numbers To count from 50-100 To know tens to 100 Be able to partition numbers into tens and ones Understand 1 more than and 1 less than Compare any two numbers To explore coins and notes and be able to recognise them and know their worth To know before and after, days of the week and months of the year
Cardinality Ordinality Counting Subitising Composition	 To recognise one quarter or one half of a quantity To describe turns To describe positions using - left, right, forwards, backwards, above and below To explore ordinal numbers To count from 50-100 To know tens to 100 Be able to partition numbers into tens and ones Understand 1 more than and 1 less than Compare any two numbers To explore coins and notes and be able to recognise them and know their worth To know before and after, days of the week and months of the year
Ordinality Counting Subitising Composition	 To describe turns To describe positions using - left, right, forwards, backwards, above and below To explore ordinal numbers To count from 50-100 To know tens to 100 Be able to partition numbers into tens and ones Understand 1 more than and 1 less than Compare any two numbers To explore coins and notes and be able to recognise them and know their worth To know before and after, days of the week and months of the year
Ordinality Counting Subitising Composition	 To describe positions using - left, right, forwards, backwards, above and below To explore ordinal numbers To count from 50-100 To know tens to 100 Be able to partition numbers into tens and ones Understand 1 more than and 1 less than Compare any two numbers To explore coins and notes and be able to recognise them and know their worth To know before and after, days of the week and months of the year
Counting Subitising Composition	 To explore ordinal numbers To count from 50-100 To know tens to 100 Be able to partition numbers into tens and ones Understand 1 more than and 1 less than Compare any two numbers To explore coins and notes and be able to recognise them and know their worth To know before and after, days of the week and months of the year
Subitising Composition	 To count from 50-100 To know tens to 100 Be able to partition numbers into tens and ones Understand 1 more than and 1 less than Compare any two numbers To explore coins and notes and be able to recognise them and know their worth To know before and after, days of the week and months of the year
Composition	 To know tens to 100 Be able to partition numbers into tens and ones Understand 1 more than and 1 less than Compare any two numbers To explore coins and notes and be able to recognise them and know their worth To know before and after, days of the week and months of the year
	 Be able to partition numbers into tens and ones Understand 1 more than and 1 less than Compare any two numbers To explore coins and notes and be able to recognise them and know their worth To know before and after, days of the week and months of the year
<u>Comparison</u>	 Understand 1 more than and 1 less than Compare any two numbers To explore coins and notes and be able to recognise them and know their worth To know before and after, days of the week and months of the year
	 Compare any two numbers To explore coins and notes and be able to recognise them and know their worth To know before and after, days of the week and months of the year
	 To explore coins and notes and be able to recognise them and know their worth To know before and after, days of the week and months of the year
	 To know before and after, days of the week and months of the year
	 To explore hours, minutes and seconds
	 To be able to tell the time to the hour and to the half hour
	 To explore cardinality - the idea that the last number in the count tells us how many things there are altogether To count to 20 To be able to continue the counting sequence and be able to identify missing numbers within it To practise key differences in the number names e.g. between 'teen' and '-ty' numbers. To be able to recognise how many there is without counting (subitising) To understand the composition of 5 and practise recalling the parts of 5 when 1 part not visible To add to knowledge of numbers like 6 and 7 as being '5 and a bit'
	 Begin to explore how 10 can be composed

Science	Use of everyday materials and Plants	 Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water and rock. Describe the simple physical properties of a variety of everyday materials. Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick and paper for specific uses. To perform experiments with different materials. Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees Identify and describe the basic structure of a variety of common flowering plants, including trees
History/ Geography	Famous Inventors and Our Local Area and the UK	 To learn about key inventors from the past To understand when these people were alive To understand that time can only move forward To think like an inventor and problem solve To name and locate the worlds seven continents and five oceans To use basic geographical vocabulary to refer to key physical and human features To use world maps, atlases and globes to identify the United Kingdom and its countries To use simple compass directions To understand where Somerset sits on the map

DT	Wheels and axels	 Design purposeful, functional, appealing products for themselves and other users based on design criteria Generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology To select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing] To select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics To explore and evaluate a range of existing products To build structures, exploring how they can be made stronger, stiffer and more stable To explore and use mechanisms [for example, levers, sliders, wheels and axles], in their products.
Art	Collage and Weaving	 To use a range of materials creatively to design and make products To use drawing, painting and sculpture to develop and share their ideas, experiences and imagination To develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space To learn about the work of a range of artists, craft makers and designers, describing the differences and similarities between different practices and disciplines, and making links to their own work.
Music	Music with Emily	
P.E.	Swimming	 To enter and exit water safely To move forwards, backwards and sideways for 5 meters Scoop up and wash their face with water and be at ease with water showered from above Move into a stretched floating position Regain an upright position from on the front and back Push and glide from the wall Play games in water Demonstrate knowledge of pool rules

RE	What can we learn from stories from Buddhism, Islam, Hinduism and Christianity? What makes places special in Judaism, Christianity and Islam?	 Listen to a variety of religious stories and discern messages and meaning To investigate and understand why some religions find specific places special
ICT	Creating Media (Digital Writing) and Programming Animations	 To explore the keyboard To add and remove text To explore the tool bar To make changes to text To explain choices and decisions To explore the way a project looks by investigating sprites and backgrounds. To use programming blocks to use, modify, and create programs Learners will also be introduced to the early stages of program design through the introduction of algorithms
PSHE	Being My Best and Growing Changes (SCARF)	 To know what different foods do for your body To know what we do to keep personal hygiene To know how to stay well and keep others healthy To be positive in the face of adversity To share joy to others To label the body accurately To reflect on what they couldn't do as a baby and all that they can do now PANTS To know when and when not to keep secrets and who you can share worries with