

Year 2 Curriculum Objectives

DT Objectives:	Autumn	Spring	Summer
Design When designing and making, pupils should be taught to: generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology	✓		✓
design purposeful, functional, appealing products for themselves and other users based on design criteria			✓
Technical Knowledge build structures, exploring how they can be made stronger, stiffer and more stable	✓ (Wheels and axles)	✓ (Bridges)	
Make select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics	✓	✓	✓
Evaluate evaluate their ideas and products against design criteria	✓		
Cooking and Nutrition understand where food comes from.			✓ (Japanese)

Geography Objectives:	Autumn	Spring	Summer
Geographical skills and fieldwork use simple compass directions (North, South, East and West) and locational and directional language [for example, near and far; left and right], to describe the location of features and routes on a map			✓
use aerial photographs and plan perspectives to recognise landmarks and basic human and physical features; devise a simple map; and use and construct basic symbols in a key		✓ (London Landmarks)	
use world maps, atlases and globes to identify the United Kingdom and its countries, as well as the countries, continents and oceans studied at this key stage	✓		✓
Locational knowledge name, locate and identify characteristics of the four countries and capital cities of the United Kingdom and its surrounding seas		✓	
name and locate the world's seven continents and five oceans			✓
Place knowledge understand geographical similarities and differences through studying the human and physical geography of a small area of the United Kingdom, and of a small area in a contrasting non-European country			✓ (Japan)
History Objectives:	Autumn	Spring	Summer
Pupils should be taught about: events beyond living memory that are significant nationally or globally [for example, the Great Fire of London, the	✓ (Great Fire)		✓

first aeroplane flight or events commemorated through festivals or anniversaries]			
The lives of significant individuals in the past who have contributed to national and international achievements. Some should be used to compare aspects of life in different periods [for example, Elizabeth I and Queen Victoria, Christopher Columbus and Neil Armstrong, William Caxton and Tim Berners-Lee, Pieter Bruegel the Elder and LS Lowry, Rosa Parks and Emily Davison, Mary Seacole and/or Florence Nightingale and Edith Cavell]	✓ (Samuel Pepys & Guy Fawkes)	✓ (Queen and Royal family)	

Computing Objectives:	Autumn	Spring	Summer
Use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.	✓	✓	✓
Recognise common uses of information technology beyond school.	✓		
Create and debug simple programs.		✓	
Use technology purposefully to create, organise, store, manipulate and retrieve digital content.			✓

Art Objectives:	Autumn	Spring	Summer
To develop a wide range of art and	✓	✓	✓

design techniques in using colour , pattern, texture , line, shape, form and space .	(Colour)	(Line shape)	
Learn about the work of a range of artists, craft makers and designers, describing the differences between practices and disciplines, and making links to their own work.			✓
Use a range of materials creatively to design and make products.	✓	✓	✓
Use drawing, painting and sculpture to develop and share their ideas, experiences and imagination.	✓		

Music Objectives:	Autumn	Spring	Summer
To use their voices expressively and creatively by singig songs and speaking chants and rhymes.	✓ (Nativity)		
To experiment with, create, select and combine sounds using the inter-related dimensions of music.		✓	
To play tuned instruments musically.			✓
To listen with concentration and understanding to a range of high quality live and recorded music.		✓ (Proms)	

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Science Objectives:	Autumn	Spring	Summer
<p>Working scientifically During years 1 and 2, pupils should be taught to use the following practical scientific methods, processes and skills through the teaching of the programme of study content:</p> <ul style="list-style-type: none"> • asking simple questions and recognising that they can be answered in different ways • observing closely, using simple equipment • performing simple tests • identifying and classifying • using their observations and ideas to suggest answers to questions • gathering and recording data to help in answering questions. 	✓	✓	✓
<p>Living things and their habitats Explore and compare the differences between things that are living, dead, and things that have never been alive.</p>		✓	
<p>Identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other.</p>		✓	
<p>Identify and name a variety of plants and animals in their habitats, including micro-habitats</p>		✓	
<p>Describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food.</p>		✓	

Plants observe and describe how seeds and bulbs grow into mature plants			✓
Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.			✓
Animals, including humans Pupils should be taught to: notice that animals, including humans, have offspring which grow into adults			✓
Find out about and describe the basic needs of animals, including humans, for survival (water, food and air)			✓
Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.			✓
Uses of everyday materials Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses	✓		
Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.	✓		

PE Objectives:	Autumn	Spring	Summer
Pupils should develop fundamental movement skills, become increasingly competent and confident and access a broad range of opportunities to extend their agility, balance and coordination, individually and with others. They should be able to engage in competitive (both against self and against others) and co-operative physical activities, in a range of increasingly challenging situations.			
Pupils should be taught to: <ul style="list-style-type: none"> • master basic movements including running, jumping, throwing and catching, as well as developing balance, agility and co-ordination, and begin to apply these in a range of activities 	✓	✓	✓
<ul style="list-style-type: none"> • participate in team games, developing simple tactics for attacking and defending 	✓	✓	✓
Perform dances using simple movement patterns.			✓