

Year 2 Curriculum Links Summer 1

Litterbug

Enrichment: Artistic
Sculptures recycled materials

Immersion:
Litter bug visit- Clean up our school



English

- Non-Fiction- What does it mean to be green report.
- Instructions- Link to recycling/sculpture they have made
- Letters of complaint to the council- Stimulus litter to be thrown over school field- Spoiling environment etc.
- Water conservation poster- Informing people of how to save water
- Endangered animals- Non chronological report
- Narrative- Eddie the Penguin Saves the World- Play script- Rewrite own and perform/look at different characters- How could we portray them- Body language/expression/voice
- Change an event in the story- How else could Eddie save the world? What other endangered animals could he meet?
- George Saves the World by Lunchtime- Character descriptions- George/Grandad
- Rewrite the story describing other ways George saves the world
- Newspaper report- Report on how George has saved the world
- Reduce, Reuse, Recycle poetry (Create class book)
- Litter bug- What does he look like?

Mathematics

- Water wise- Capacity activity saving water- Estimate capacity and measure. How accurate?
- Compare and order volume/capacity and record the results using $>$, $<$ and $=$
- Endangered animals- Create own top trumps game- To consolidate applying their increasing knowledge of mental strategies
- Function machines- In the style of recycle bins
- Growing activity- Comparing/measuring/ordering/solving problems involving length
- Collating data on recycling in a range of ways- pictograms, bar charts, tally charts
- Representing data they have collected using (for example, using many-to-one correspondence in pictograms with simple ratios 2, 5, 10)
- Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures applying their increasing knowledge of mental and written methods
- Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.

Geography

Locational knowledge

- Name and locate the world's seven continents and five oceans
- Name, locate and identify characteristics of the four countries and capital cities of the United Kingdom and its surrounding seas

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

Human and physical geography

- Identify seasonal and daily weather patterns in the United Kingdom and the location of hot and cold areas of the world in relation to the Equator and the North and South Poles
- Use basic geographical vocabulary to refer to:
- Key physical features, including: beach, cliff, coast, forest, hill, mountain, sea, ocean, river, soil, valley, vegetation, season and weather
- Key human features, including: city, town, village, factory, farm, house, office, port, harbour and shop

Geographical skills and fieldwork

- 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
- 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
- Use simple fieldwork and observational skills to study the geography of their school and its grounds and the key human and physical features of its surrounding environment.

Art & Design

- 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
- 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.

PE

- 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
- Participate in team games, developing simple tactics for attacking and defending
- Perform dances using simple movement patterns.

SMSC

- Social – Take a responsibility in society- Look at their role in the community- Clean up
- Moral – Showing respect for the environment
- Spiritual – Who defines right and wrong when caring for the environment?
- Cultural – Artists from own locality

RE

- Theme: Community and Belonging
- Key Question: Does going to the Mosque give Muslims a sense of belonging?
- Religion: Islam

Science

Living things and their habitats

- Explore and compare the differences between things that are living, dead, and things that have never been alive.
- 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
- Identify and name a variety of plants and animals in their habitats, including micro-habitats
- 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.

Plants

- Observe and describe how seeds and bulbs grow into mature plants.
- Find out and describe how plants need water, light and suitable temperature to grow and stay healthy.

Animals including Humans

- 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.

Use 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.

Music

- Use their voices expressively and creatively by singing songs and speaking chants and rhymes
- Play tuned and untuned instruments musically
- Listen with concentration and understanding to a range of high-quality live and recorded music
- Experiment with, create, select and combine sounds using the inter-related dimensions of music.

DT

Design

- 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

Make

- Select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]
- Select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics

Evaluate

- Explore and evaluate a range of existing products
- Evaluate their ideas and products against design criteria

Technical knowledge

- Build structures, exploring how they can be made stronger, stiffer and more stable
- Explore and use mechanisms [for example, levers, sliders, wheels and axles], in their products.

Cooking & Nutrition

- Use the basic principles of a healthy and varied diet to prepare dishes
- Understand where food comes from.

History

- Changes within living memory. Where appropriate, these should be used to reveal aspects of change in national life
- Events beyond living memory that are significant nationally or globally [for example, the Great Fire of London, the 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]
- Significant historical events, people and places in their own locality.

Computing

- Understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions
- Create and debug simple programs
- Use logical reasoning to predict the behaviour of simple programs
- Use technology purposefully to create, organise, store, manipulate and retrieve digital content
- Recognise common uses of information technology beyond school
- 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.