

Maths

To practise and use multiplication tables (up to 12 x 12.)

- fractions (continued)
- decimals and percentages

A separate knowledge organiser will be sent for each area.

Science

- To know the processes of a sexual and asexual reproduction in plants.
- To know the process of reproduction in humans.
- To know that the life cycles of plants and animals have three basic stages including a fertilised egg or seed, immature juvenile, and adult.
- To know the life cycle of different living things including mammals, amphibians, insects and birds.
- To know the similarities and differences between different life cycles.
- To know the work of Jane Goodall and how humans can pose dangers to the life cycles of living things.

French - Activities and different verb forms

Computing - Flat File Databases

PE - Gymnastics and Basketball

PSHE - Rights and Responsibilities

Literacy

Recount

- ellipses
- colon
- subordinate clause
- apostrophes (omission and possession)
- time conjunctions
- adverbs
- figurative language
- exclamation
- rhetorical question

Character/Setting Description

- simile
- metaphor
- personification
- relative clause
- fronted adverbial
- semi colon/dash
- figurative language
- commas in a list
- prepositions



Art

- To know what collage is and what Pablo Picasso's role was in this.
- To know who Mark Hearld is and evaluate the work he has created.
- To experiment with techniques to create a variety of textures.
- To know how to create a collage using different techniques looking at colour-mixing, tone, line, pattern and texture.
- To know that a grid can be used to create a proportional sketch using a variety of sources - observation, photographs & digital images.

Geography - Biomes and Climate Zones

- To know the characteristics of the main climate zones in the world.
- To know where countries/areas are located (using digital maps of the world)
- To know what a biome is.
- To know the characteristics of different biomes.
- To know where countries/areas in specific biomes are on a map of the world.
- To know how to use the index of an atlas to locate countries/areas in different biomes.

DT

- To know that a butt joint is made by simply placing wooden rod ends together without any special shaping.
- To know that a miter joint is made by joining two pieces of wood with the ends cut at an angle.
- To know that joints can be reinforced using wood glue and card and to apply this knowledge to strengthen my final bird box structure.
- To know the design criteria for a bird box and use this to create a functional design through annotated sketches and cross-sectional diagrams.
- To know that tools such as hacksaws, bench hooks and craft knives are needed to create a wooden structure.
- To evaluate ideas and products against my own design criteria and consider the views of others to improve my work.