

Y5 Summer Overview

Writing	Maths								
<p>Based on Kaspar, Prince of Cats & Pandora (Literacy Shed) <i>Genres covered:</i> Instructions, Poetry, Story, Setting Description, Narrative, Interview, Newspaper Report, Character Description, Fiction report <i>Cross curricular:</i> Chronological report about The Titanic, advertisement for The Titanic <i>Other focus:</i> Fronted adverbials, reported and direct speech, figurative language, connectives, cohesion, legible fluent handwriting</p>	<p><i>Objectives:</i> Decimals & Percentages Decimals up to 2 decimal place Decimals as fractions Understand thousandths Thousands as decimals Rounding decimals Order and compare decimals Understand percentages Percentages as fractions and decimals Equivalent fractions, decimals and percentages</p> <p>Decimals Adding & subtracting decimals within 1 Adding & subtracting decimals crossing the whole Adding & subtracting decimals with the same number of decimal places Adding & subtracting decimals with a different number of decimal places Decimal sequences Multiplying and dividing decimals by 10,100,1,000</p> <p>Position & Direction Position in the first quadrant Reflection Reflection with coordinates Translation with coordinates</p> <p>Measurement - converting units Kilograms & kilometres Milligrams & millilitres Metric & Imperial units</p> <p>Volume Compare volume Estimate volume Estimate capacity</p>								
<p><i>SPAG</i></p>									
<p><i>Objectives:</i></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Commas in lists</td> <td style="width: 50%;">Prefixes</td> </tr> <tr> <td>Adverbials</td> <td>Suffixes</td> </tr> <tr> <td>Clauses</td> <td>Antonyms/ Synonyms</td> </tr> <tr> <td>Commas to avoid ambiguity</td> <td>Pronouns to avoid repetition</td> </tr> </table>		Commas in lists	Prefixes	Adverbials	Suffixes	Clauses	Antonyms/ Synonyms	Commas to avoid ambiguity	Pronouns to avoid repetition
Commas in lists		Prefixes							
Adverbials	Suffixes								
Clauses	Antonyms/ Synonyms								
Commas to avoid ambiguity	Pronouns to avoid repetition								
<p>Spelling</p>									
<p><i>Objectives:</i> Use commas to clarify meaning or avoid ambiguity in writing Use devices to build cohesion within a paragraph [for example, then, after that, this, firstly]. Link ideas across paragraphs using adverbials of time [for example, later], place [for example, nearby] and number [for example, secondly] or tense choices Verb prefixes [for example, dis-, de-, mis-, over- and re-] Convert nouns or adjectives into verbs using suffixes [for example, -ate; -ise; -ify]</p>									
<p>Reading</p>									
<p><i>Texts covered:</i> Kaspar, Prince of Cats <i>Objectives:</i> Evaluate and collect information from, instructions, poems and newspapers Make predictions about a text Drawing inferences, such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence Retrieving, recording and presenting information from non-fiction (The Titanic) Discussing and evaluating how authors use language, including figurative language, considering the impact on the reader and how it contributes to meaning. Answer a variety of questions on a written reading comprehension</p>									

Geography

National Parks

Identify, locate, describe and explain the distribution of the 15 National Parks in the UK;

Observe and record the common key natural features of the National Parks of the UK and explain why they are referred to as the country's 'breathing spaces';

Recognise those other special qualities of National Parks which are referred to as 'cultural heritage' and reflect on the importance of their own cultural heritage in the context of this;

Recognise, describe and explain how National Parks actively encourage visitors to enjoy and learn about what makes them special;

Identify and record the key physical and human geographical features of the Lake District

Identify, describe through observation of the landscape of Brockhole in Lake District National Park, and explain the attraction of this area for visitors;

Recognise, describe and explain the features of a hill or upland farm and why farmers are so important in helping to achieve the aims of National Parks in the UK;

Understand who looks after National Parks in the UK and reflect upon and evaluate the importance of the jobs that people do;

Compare and contrast the Everglades National Park with the Lake District National Park and understand through explanation the main similarities and differences between National Parks in the UK and those in the USA;

History

Evaluate a range of primary and secondary sources to **explain** why Britain faced the risk of an invasion in June 1940 and **reach a judgment** about how serious that threat was;

Interpret numerical and written evidence to **explain** and **justify** why Hitler needed to defeat the British Royal Air Force before launching an invasion of Britain in 1940;

Identify, describe, explain and **evaluate** the relative importance of the factors that contributed to Britain winning the Battle of Britain in 1940 and **make a judgment** as to which of these they feel were most significant;

Describe and **explain** the reasons why King John signed the Magna Carta in 1215, and **evaluate** and reach a **judgment** about why, like the Battle of Britain, it can be considered an important turning point in British history.

Computing

Coding

Design and write a program that accomplishes a specific goal

Text variables

Create and improve a game

3D Modelling

Introduction to 2Design tool

Moving points

Design a 3D model

Printing and making

Concept Maps

Visual concept maps

Create a concept map

Retell a story with a concept map

Create a collaborative concept map

Science	RE
<p>Electricity Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches Use recognised symbols when representing a simple circuit in a diagram.</p> <p>Investigations: Create a circuit investigating what makes a bulb brighter Create static electricity Test conductors of electricity</p>	<p>What does it mean to be a Muslim in Britain today? Make connections between Muslim practice of the Five Pillars and their beliefs about God and the prophet Mohamed Describe and reflect on the significance of the holy Qur'an to Muslims Describe the forms of guidance a Muslim uses and compare them to forms of guidance experienced by the pupils Make connections between the key function of the Mosque and the beliefs of Muslims.</p>
Art	PE
	<p>Gymnastics Outdoor Athletics Cricket Rounders</p>
Music	Design Technology
<p>Musical instruments from around the world</p>	MFL
	<p>Language Angels Habitats Planets</p>