

## Year 3 Spring 1 2022

### Learning Unit – Let's go on an adventure. Would we like to visit Guatemala? Subject Focus – Design and Technology – Science – History – Geography



#### School Values

January: Ambition

February: Love

#### Music

Listening and responding to sounds

Mayan instruments

#### PSHE/P4C

Healthy Me: Keeping Fit and Keeping Safe

VR Experience on Keeping Healthy

#### Science:

Science Crest Enrichment Day

Magnets, Pushes and Pull

#### History

Recall learning about early civilisation and buildings

Story of the discovery of Tikal City site

What was happening here when the Mayan people left their cities?

What made the Mayan people leave their cities?

#### Geography

Where is it? Guatemala, Central America

What do we need to think about while we decide to visit Guatemala?

What is it like? Volcanoes, earthquakes, rainforest, lakes, climate & weather, people, food, cities and villages.

How did it come to be like this?

What is it like to live there?

What is the weather like there?

#### Computing

Coding

Emails using 2Connect

Different methods of communication, using an address book, using emails safely, adding attachments and exploring a simulated email scenario.

#### PE

Coach: Netball

Real PE Jasmine: Cognitive and Ball Skills

#### Homework and Independent Learning

My Maths (Internet)

Spelling Words (Spelling Book)

CGP English Book

CGP Maths Book

Daily Reading

Independent reading at least 20 mins per day using MyOn

#### Mathematics (Maths No Problem)

Chapter 4 - Further Addition and Division

Chapter 5 - Length

Chapter 6 - Mass

#### Pre-Teach Mathematics

Chapter 5 - Length

Chapter 6 - Mass

#### English: Text – The Most Beautiful Place in the World

Descriptive writing

Diary writing

Persuasive writing (Debate: should all children go to school?)

#### Daily Catch Up Phonics

#### Design and Technology

Making a character from the Maya Creation story with a moving part

Make a Mayan God puppet (design process)

Make a character puppet for a play

#### RE

Religion: Christianity

Themes: Jesus' Miracles

Key Questions: Could Jesus heal people? Were these miracles or is there some other explanation?

**Why Do We Speak English at School? – Depth Local Study of Romans Overview**  
**Subject Focus – History**  
**Spring 1 2022**



**Starting Points**

Why do we speak English at school?  
 Where did English come from?

**English**

Making inferences about characters, settings and events in the book- 'Charlotte's Web'  
 Poetry  
 Non Chronological Reports  
 Persuasive Letter Writing  
**Grammar:** Revision: Word Classes, Use of Apostrophe for possession and omission, Conjunctions to express time and cause, Adverbs and Fronted Adverbials, Possessive Pronouns, General Punctuation.

**Speaking and Listening**

Group/class discussion  
 Presentation  
 Debate  
 Use of drama to develop atmosphere.  
 Explaining points of view.  
 Hot Seating  
 Presentation

**Art and Design**

Roman/Anglo Saxon/Viking artwork or decoration – Roman Mosaic.  
 Clay - Make a Roman/Anglo Saxon/Viking pot.

**Class VR**

Spider  
 Ancient Rome  
 Physical and Human Geography of the UK

**Music**

Soundstart

**History**

The Roman Empire and its impact on Britain.  
 Britain's settlement by Anglo-Saxons and Scots.  
 The Viking and Anglo-Saxon struggle for the Kingdom of England to the time of Edward the Confessor.  
 Local History Study: Archaeology and Examining Artefacts.  
 Research: Arrival, everyday life and memorable events of the people living at the local site by working together.  
 Reconstruction of some artefacts.

**Geography**

Where did the Romans, Anglo-Saxons, Scots, Vikings and Normans come from?  
**Human and Physical:** Settlement patterns of the invading peoples.  
**Locational Knowledge:** Using maps of different scales and grid references to locate the home countries and regions of all the peoples who invaded and settled in Britain during the period Iron Age to Normans.

**Mathematical Development**

**Fractions:** Mixed Numbers Conversion of Fractions, Adding and Subtracting of Fractions, Fractions of set, Adding and subtracting, Word Problems

**Squares and Rectangles:** Properties of squares and rectangles. Composite shapes. Find unknown angles and sides.

**Homework/Independent Learning**

My Maths  
 Purple Mash – Times Table practice.  
 English and Maths 10 minutes Workouts  
 Spellings and MyOn reading (online resource)  
 J2 Blast

**Links to Core Value**

Ambition  
 Love

**Computing**

Spreadsheets  
 Coding- Looping, sequence and Conditionals  
 Research linked to English and History

**RE**

**Judaism**

**How important is it for Jewish people to do what God asks them to do?**

Understand how celebrating Passover and keeping Kashrut (food laws) help Jews show God they value their special relationship with Him.

**Science**

**Forces (Sail Power):** How did the Romans and Vikings reach our shores?  
 Effects of air resistance, water resistance and friction, that act between moving surfaces

**CREST** – Enrichment Day

**PSHE**

**Dreams and Goals**

Hopes and Dreams  
 Broken dreams  
 Overcoming disappointments.  
 Creating new dreams  
 Achieving goals.

**PE**

Cognitive Skills with a physical focus on  
 Dynamic Balance & Coordination- Ball skills.

**Learning Unit – Who are we? Why do I live here?  
Subject Focus – Geography/Science  
Year 5 Spring 1 2022**



**English**

***Kensuke's Kingdom***

Weekly Reading and Comprehension.  
Looking at presentational features.  
Balanced argument.  
Letter writing.  
Diary entry.  
Non-chronological report.  
Writing from the perspective of another character.  
Writing a persuasive speech.

**Speaking and Listening**

Group discussion and interaction  
Presentation  
P4C

**Homework/Independent Learning**

Purple Mash  
My Maths  
Google Classroom  
10 minutes English/ 10 minutes Maths

**Music**

*Soundstart progress.*  
Learning drum kit patterns and rhythms.

**Knowledge and Understanding**

**Geography**

Who, how and where we meet in our local communities  
The effect of locality and physical and human characteristics on our lives  
Locating the continents-the Americas, North America  
Identifying the Great lakes region- the formation of the Great lake, Lake Superior  
Locating the port and city of Duluth, Minnesota  
Identifying how living in Duluth affect the lives of children.  
Researching the countries within North America- natural wonders, the USA  
Compare a location in the UK with another area in USA

**Numeracy**

Use long division to solve real life word problems.  
Use inverse operation to solve long division.  
Understand the concept of ratio.  
Express equivalent ratios  
Write ratio in its simplest form.  
Find missing in equivalent ratios.  
Use ratio to show the relative sizes of three quantities.  
Express equivalent ratios given three quantities.  
Write a given ratio  $x:y:z$  in its simplest form.  
Word problems involving ratio.  
Converting decimals to fractions.  
Multiplying by tens, hundreds and thousands.  
Dividing by tens, hundreds and thousands.  
Apply my knowledge of decimals and fractions to solve different word problems.

**PSHE/Citizenship**

When I Grow Up (My Dream Lifestyle)  
Investigate Jobs and Careers.  
My Dream Job - Why I want it and the steps to get there  
Dreams and Goals of Youth of others cultures.  
How can we support each other?  
Rallying support.

**Computing**

**Learning to Game creator**

To set the scene  
To create the game environment.  
To create the game quest  
To finish and share the game  
To evaluate their and peers' games.

**Science**

Memorising science facts  
Learning about fossils from the Great Lakes

**PE**

Real PE – Social Skills  
Coach – online fitness

**Spanish**

Numbers 1000  
Family  
Possessive article  
Personal descriptions  
Descriptive words for hair and eyes.

Learning Unit- Why do some creatures no longer exist?  
Subject focus- Science Year 6  
Spring 1 2021



**Science** Why do some creatures no longer exist?

**Adaptation (4 weeks) and Evolution (2 weeks):**

Pupils investigate whether there is evidence that shows:

living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago

living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents

how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.

**Maths**

Ratio (2 weeks)  
Reasoning skills (3 weeks)  
Pie Charts (2 weeks)  
Problems Solving (1 week)

**Spanish**

Family  
Home and Prepositions  
Hobbies and Free Time  
Sports (likes/dislikes; juego/practico)  
Daily routine

**Homework/Independent Learning**

My Maths, Purple Mash, Google Classroom  
Daily reading/Spellings, AR quizzes  
SATs revision

**PE**

Real PE Unit 3 – Social Skills – focus upon dynamic balance and counter balances in pairs. (6 weeks)

**English**

Boy by Roald Dahl – Class Text  
Writing genres: Non-fiction, letter writing, writing from another viewpoint, diaries, stories.  
GPS: Prefixes and suffixes, Modal verbs, Adverbs, direct speech, indirect speech, inference (6 weeks)  
Reading comprehension skills

**PSHE**

Jigsaw Scheme: Dreams and Goals (6 weeks)

Stretching learning boundaries  
Setting success criteria  
Empathising with others  
Identify my motivation  
Recognise achievements by others.

**Computing:**

Google Spreadsheets

Introduction to Google Spreadsheets  
Basic Calculations  
Modelling  
Organising Data  
Advanced Formulae  
Charts and Graphics

**Values**

**Ambition: January**

**Love: February**

**Design and Technology**

*Alice's Adventures in Wonderland:*  
Design and Make a stage set model.

Follow the design process from start to finish

Use the 'six stages of design' as outlined by professional stage designers

Explore practical modelling skills  
Maths and Science links – creating scale models; problem-solving with a range of materials

Produce a sketch book of ideas and plans

Use speaking and listening skills to present a design to peers.

**RE**

**Discovery RE: Christianity** – Beliefs and meaning: Is anything ever eternal?

Which of these do you think will last forever - oceans, friendship, the world, dinosaurs, memories, mountains, a photograph?

Do Christians believe that anything is eternal? If so, why?



## Year 3 Spring 2 2022

### Learning Unit - How can we make living here better for everyone?

#### Starting Points

'Window' by Jeannie Baker  
Window to consider change linked to human impact on environments.

#### School Values

March: Hard Work  
April: Honesty

#### Music

##### Environment: Exploring Rhythms and Timbre

Texture and rhythm, call and response,

#### History

##### Local Area

Researching changes over time using local old maps & Digimaps (Thornton Heath)

#### PE

Coach: Gymnastics  
Real PE Jasmine: Creative Coordination and Ball Skills

#### RE

Religion: Christianity  
Themes: Easter, Forgiveness  
Key Question: What is 'good' about Good Friday?

#### Subject Focus – Geography

##### Geography

##### Place knowledge, Human and Physical Geography, Geographical Skills and Fieldwork

Geographical similarities and differences between two localities

Describe and understand key aspects of human geography, including: types of settlement and land use

Use virtual fieldwork to conduct a survey of local facilities, identifying changes needed by groups in our community.  
Observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies, using evidence to propose change

##### Computing

Using Google Slides to make presentations and communicate information effectively, linked to our current topics

Research old and new maps using 'Up my Street' and 'Digimap'

Designing a questionnaire (Geographical link to fieldwork)

##### Homework and Independent Learning

My Maths (Internet)  
Spelling Words (Spelling Book)  
CGP English Book  
CGP Maths Book  
Daily Reading  
Independent reading at least 20 mins per day using MyOn

##### Mathematics (Maths No Problem)

Chapter 7 - Volume  
Chapter 8 - Money

##### Pre-Teach Mathematics

Chapter 7 - Temperature  
Chapter 8 - Picture Graphs

##### English

##### Text – George's Marvellous Medicine

Character description of Grandma and George  
Instructional Writing: Recipe Marvellous Plan  
Poetry: Cook Up

##### Daily Catch Up Phonics

##### Art

##### Observational Drawing skills – 'Out of the Window' & Textures (Collect Rubbings)

Practice observational skills by drawing views from the window.

Identifying and noting different textures in the environment. Collecting features and items to create collages.

##### Science

##### Rocks and Soils

Observing and comparing different types of rocks  
How fossils are made?

**European Regional Study  
Subject Focus – Geography  
Spring 2 2022**



**Possible Starting Points**

- Model map: What do we know about

**Speaking and Listening**

- Debate
- Use of drama to develop atmosphere.
- Explaining points of view.
- Hot Seating
- Presentation
- Circle time

**Music**

- Soundstart

**P.E.**

- Creative skills with a physical focus on coordination: Sending & Receiving.
- Balance
- Gymnastics

**Art and Design**

- Regional Artists living and deceased
- Exploring regional arts & crafts

**Class VR**

- European Cities
- Desert Island
- Paintings

**Geography**

- Where is Europe? What is Europe? Who lives here?
- What do you think we would see if we flew over Europe?
- What do we remember of the Romans?
- What is their country like now?
- What have we learnt in the time we have? What shall we choose to share with others?
- Mapping Skills: Using Political and Physical maps, Compass Points, Contour Lines, Key, Latitude and Longitude

**Computing Logo**

- Simple Logo commands
- Using logo to create shapes
- Using the repeat function
- Using the build feature in Logo

**History**

- What can we remember about the invading people? (Romans, Vikings Anglo Saxons)

**English**

- Newspaper Report
- Narrative
- Monologues
- Guided Reading, Story time

**Mathematical Development**

- Understanding Angles
- Parallel and Perpendicular Lines
- Decimals 1 Understanding tenths, hundredths, thousandths, comparing and rounding

**Links to Core Values**

- Hard work
- Honesty

**PSHE**

- My friends and me.
- Group Dynamics
- Smoking
- Alcohol
- Healthy Friendships
- Celebrating my inner strength and assertiveness

**Design and Technology**

- Regional food/recipes
- Creating healthy tasters

**RE: Christianity**

What do Christians believe about Forgiveness?

To understand how Jesus' life, death and resurrection teaches Christians about forgiveness.

**Homework/Independent Learning**

- My Maths
- Purple Mash
- English and Maths 10 minutes Workouts
- Spellings



**Learning Unit – Year 5 The Fairground - Overview**  
**Subject Focus – Design & Technology/Science**  
**Spring 2 2022**

**Starting Point**

Letter from fairground owner

**VR Experience**

London Eye  
 Fairground experience

**English**

Thief by Malorie Blackman

- Letter writing
- Balanced argument
- Setting description
- Character comparison
- Non-fiction writing
- Speech writing
- Book Review
- Guided Reading, Story time

**Science**

- Electricity
- Forces
- Sounds

**Music & Soundstart**

- To learn about Spanish instruments (flamenco)
- To learn about articulation
- To play Four Tune with articulation
- To play a virtual keyboard

**Spanish**

- Asi soy yo
- Me visto

**History**

- History of fairgrounds

**Design and technology**

- To design and make a Shaky Hand Tester for the fairground
- To design and make a moving ride for a fairground
- Research - Fairground Design
- Add lights, sound, pulleys etc to the fairground.
- To make similar rides using these kits and control mechanisms to make them move.
- To evaluate and discuss the progress
- To make written evaluation taking into account customer's views

**Maths**

**Unit 9 Mean (Average) Unit 10 Percentage**

- Understanding mean (average)
- to solve up to 3-step word problems involving mean.
- Per cent
- Converting more fractions to percentages
- Percentage of a quantity
- To solve up to 2-step word problems:
  - to find the percentage for a part of a whole and the percentage of a quantity
  - involving discount, service charges and annual interest
- Daily Reasoning Question

**Computing**

**3D modelling and concept maps**

To be introduced to 2Design and Make.  
 To explore the effect of moving points when designing. To understand designing for a purpose. To understand printing and making.  
 To understand the need for visual representation when generating and discussing complex ideas. To understand and use the correct vocabulary when creating a concept map.  
 To understand how a concept map can be used to retell stories and information.  
 To create a concept map.  
 To create a collaborative concept map and present this to an audience.

**Values**

- February: Love
- March: Hardwork
- April: Honesty

**PSHE**

- Healthy me. How can I make healthy choices?
- Balanced diet.
- Being active.
- Keeping safe

**RE**

Christianity-Easter

- Did God intend Jesus to be crucified and if so was Jesus aware of this?
- Do sacred texts have to be 'true' to help people understand their religion?

**PE**

- Outdoor Games
- Physical skills with a physical focus on static balance, dynamic balance & agility. (Class Teacher).

**Homework and Independent Learning**

- 10 Minutes English and Maths Workouts
- Daily Reading
- Weekly spellings and word definitions
- My Maths
- Purple Mash

**Geography**

The British Isles

- Comparing UK and the British Isles
- Identifying the physical features of the UK and British Isles

**Year 6 Learning Unit- The Lady of Shalott**  
**Subject focus - Emotional wellbeing, mental health (Healthy Me)**  
**Spring 2 2022**



**Historical Links:**

Castles – comparing settings of castles that could have been like Camelot. Link to prior learning about the Middle Ages.

Placing the tale on the timeline: What do we already know about the context of the poem and historical events, eg living in castles, travelling by boat/horse, Knights and squires? (Linked with Lady of Shalott) (2 weeks)

Exploring the Great Hall – now and in the past.

**Computing:**

Use of ClassVR to virtually visit a number of castles for comparison to that of Camelot in The lady of Shalott. Discussion of castle features, recap on what we know about development of castle building. The Great Hall.

Use of Google classroom for revision – link to above, eg Motte and Bailey castles, Tower of London (prior learning).

**Art**

Explore images of the Lady of Shalott, eg pre-Raphaelite. Use mixed media techniques to create a picture of the Lady of Shalott from the imagery contained within the poem.

Sketch books  
Use of surface texture

**English**

Lady of Shalott (5 weeks)

Writing genres:

Newspaper report on the death of the lady of Shalott.  
Story writing – create a backstory involving the curse which has been put on the Lady of Shalott.  
Write from another point of view  
Non-fiction: Knights.

Reading comprehension skills (5 weeks)

Poetry – explore the nature of narrative poetry and use Reading Comprehension activities to discuss different types of poetry.  
Description – use reading skills in order to retrieve and infer information from the narrative poem which will link in to writing tasks, eg: What does the curse involve (story writing)? What is the order of events in the poem (newspaper report)?

**Science**

British Science Week. Invention and Innovation: conceiving, researching and designing innovative inventions and presenting to peers.  
Smashing Stereotypes (link with International Women's Day):

Female Scientists/ Diversity within Science, Technology, Engineering and Maths.

**Science Revision:**

Conduct research to find about Charles Darwin and the Theory of Evolution, and adaptation of animals and plants.  
Natural selection as an element of 'survival of the fittest'

**Values**

March: Hard Work  
April: Honesty

**Maths**

Arithmetic skills development (5 weeks)  
Area and perimeter (2 weeks) – link to castles, eg area of bailey/perimeter of ditch  
Volume (1 week)  
Problem Solving (2 weeks)

**PSHE**

Jigsaw Scheme: Healthy me. (6 weeks):  
Impact of food and drugs on the body  
Dealing with emergency situations  
Importance of emotional wellbeing/attitudes to mental health  
Recognising the effects of stress  
What do people do to feel better instead of resorting to damaging solutions?

**Spanish**

Clothes  
Activities to do on holiday  
Weather  
Seasons

**PE**

Unit 4 : Physical skills: Static balance and dynamic balance to agility. (6 weeks)

**RE**

The Easter Story: use of reading comprehension activities to draw out and discuss the story of Easter and its significance to Christians.