



BOYS' PREP

Year 5
Spring Term 2021

Coastal Calamity
(Autumn 1); The House
that Jack Built (Autumn 2)

Key texts

- Contemporary fiction: 'Skellig' by David Almond
- Poetry: William Blake excerpts, some contemporary poetry and extracts from 'My Name is Mina' by David Almond

Reading

- Read a variety of texts and genre
- Looking at author aims and reader response
- Ask questions to improve understanding and increase depth of knowledge
- Provide reasoned justification for their views
- Expand vocabulary
- Empathising with characters and their motives
- Continue 11+ style comprehension questions
- Oracy and presenting skills developing from poetry as well as the topic of home-schooling

Writing

- Non-chronological reports
- Research and making notes
- Persuasive writing
- Diary entries
- 11+ composition pieces (descriptive narrative – developing scene, character, atmosphere and emotion)
- Writing poetry
- Proofread for spelling, punctuation and improvement
- Weekly focus on handwriting

Grammar

- Use of subordinate clauses, including relative clauses
- Use of a variety of punctuation to indicate parenthesis
- Use of commas to clarify meaning or avoid ambiguity
- Figurative language

Pupils will continue to use large integers and develop connections between multiplication and division with fractions, decimals, and percentages. They should develop their ability to solve a wider range of problems, including increasingly complex properties of numbers and arithmetic, and problems demanding efficient written and mental methods of calculation. With this foundation in arithmetic, pupils are introduced to the language of algebra as a means for solving a variety of problems.

Angles

- Recognise, estimate, measure and draw angles
- Find missing angles in a triangle and a quadrilateral
- Find missing angles on a straight line, to a point and opposite to each other
- Solve reasoning and problem-solving questions relating to angles

Fractions, Decimals & Percentages (FDP)

- Identify amounts as fractions, decimals and percentages
- Convert and order fractions, decimals and percentages
- Make connections between these and apply to multi-step worded problems

Four Operations

- To use mental strategies to solve problems involving all four operations
- To use written strategies to solve multi-step problems involving all four operations

Show mastery of the above objectives by completing investigations and applying skills in a variety of situations.

Science

Properties of Materials and States of Matter

- Compare and group together everyday materials based on their properties
- Differentiate between solids, liquids and gases
- Know that some materials will dissolve in liquid to form a solution and describe how to recover a substance from a solution
- Separating mixtures through filtering, sieving and evaporating
- Give reasons, based on evidence from comparative and fair tests, for the uses of everyday materials
- Investigate reversible and irreversible changes

Working Scientifically

- Planning enquiries
- Taking measurements
- Recording data and results
- Using test results to record predictions
- Reporting and presenting findings
- Identifying scientific evidence that has been used to refine ideas

Philosophy and Religious Studies

Philosophy for Children - Discussions will include:

- Is the world real? What am I? What is real?
- Is colour in the mind or in the object? How can we know what exists?

Worship and Community

- How are we members of the community?
- How do communities celebrate?
- What is belonging to a faith or community?
- What is worship?
- How do people from different faiths worship?

French

- Listen to, recognise and name foods considered good and bad for your health
- Say and write the activities that you do and don't do to keep healthy
- Develop knowledge of negative form
- Develop understanding of gender and knowledge of the partitive article "some"
- Develop reading, listening, speaking and writing skills

Spanish

- Recognise, understand and recall animals in Spanish
- Give and understand positive and negative statements

E-Safety

- Identify secure websites by identifying privacy seals of approval
- Find a link to a privacy policy
- Identify warning signs that a website might not be secure

Internet Research and Web Design

- What makes a good webpage?
- Layout, text and images
- Hyperlinks
- Researching information
- Editing content
- Reviewing websites

Coastal Calamity - Coastal areas – protecting our coastline

- What is a coast? How is it formed?
- How do waves shape coastal environments?
- How does human activity impact coastal areas?
- How can we protect coastal areas from erosion?
- What impact is global warming having on the coast?
- Pollution of coastal areas – how can we make a difference?

The House that Jack Built – Where is the best place to build our house?

- What is a settlement?
- What is the historical reason for settlements being built?
- To identify important features of a settlement site
- Map work
- Understanding use of the compass
- To identify land use using an OS and digital map
- To use a key to identify transport links on maps
- To use an atlas to find a route between two places
- To draw a map of a settlement

- To create a key for a map
- To be able to explain how settlements vary from each other
- To understand how the number of services vary in different settlements
- To understand how land use varies in settlements
- To plan a settlement, creating a community and using a budget



Fundamentals

- Involved in physical activities and challenges to improve endurance, body strength and fitness
- Develop resilience when taking part in challenging physical challenges and activities
- Accurate technique when carrying out a variety of body weight exercises
- Creating own circuit and tracking progress over a set period
- Developing agility, balance, and coordination through a range of activities
- Participate in fundamental ball skill activities to improve hand-eye coordination
- Take part in competitive activities, showing excellent sportsmanship and respect for others

Tchoukball

- Skill development:
- Dribbling (three steps and catching)
- Shooting (how points are scored)
- Passing
- Small-sided games (conditioned)
- Understanding rules, terminology (i.e. forbidden zone)
- Rules and officiating
- Throw the ball with some degree of accuracy toward a low target

Rugby

- Skill development
- Introduction to uncontested scrum/1v1 contest at breakdown
- Offload
- Positional sense
- Complex passing (switch)
- Conditioned small-sided games: 3v2, 4v3, 5v4
- Whole-game practice (8v8)
- Theory behind the sport. How to tackle effectively? How should you ruck effectively?
- Roles and responsibilities throughout the game. What roles do the backs/forwards play?



Me, Myself and I

- Develop skills in representational drawing
- Develop an understanding of shape, proportion and scale
- Create a realistic self-portrait in pencil

Optional Home Learning:

Pupils can refer to the stretch and challenge list for this project uploaded to the art area on Showbie

Music

The Orchestra and Journey into Space

Performance

- GarageBand performance of their composition based on a planet

Composition

- Soundscape compositions based on 'The Planets'
- Ostinati inspired by 'Mars, the Bringer of War'

Listening/Appraising

- Gustav Holst's 'The Planets'
- Instruments of the orchestra. Understanding timbre and how different instruments of the orchestra make sound.
- Central to the unit are the concepts of mood, tempo, dynamics and instrumentation (or timbre) and these are explored through Richard Strauss's 'Also Sprach Zarathustra', which pupils explore in terms of a piece of descriptive music used to describe a 'rocket launch'

Personal Social Emotional

Healthy Eating

- Why is breakfast important for children's concentration?
- How can we tackle climate change through more informed food choices?
- We are what we eat - how food affects our mood and behaviour

Taking Care of the Environment

- How food choice is affected by the environment
- Is now the time to move away from eating less meat and more plant-based foods?

Difference and Diversity

- How much of our food preferences are based on social and cultural constraints?
- How can we use our understanding of food to appreciate different cultures and religions?

Drama

- Script analysis
- Character development
- Ensemble performance
- Improvisation using props and costume

Suggested Home Learning

English

Reading:

Recommended Reading for Year 5 - [The Reader Teacher](#)

Free weekly newspapers during the period of lockdown [First News](#)

Books available from [Puffin Schools](#)

- Listen to audio book extracts of Skellig
 - Vocabulary building by playing word association
 - Use Spell Zone to practise spellings
 - Log on to Accelerated Reader to complete your reading quiz when your son has finished a book
- Review grammar learning points through [BBC Bitesize](#)
- Writing
 - Use [Pobble365](#) for daily writing stimuli. Use the images or story starter to practise creative writing
 - Create a diary to document thoughts and feelings during this unique period of history.

Maths

- Times Table Rockstars (TTRS) - This should be used daily for 10-15 minutes to ensure that the children have fluency enabling quick recall of all multiplication and division facts
- Manga High – Tasks related to the current topic are assigned by the teachers. Children are encouraged to complete these at the weekend to consolidate learning in class
- Dr Frost Maths (DFM) - This is a website new to Year 5 where exam-style questions are assigned
- Atom Learning – Sometimes homework is assigned on this website. 'Atom Prime' is available for parents to purchase to use more of the content
- Corbett Maths – Most parents have purchased the revision cards which review each topic of the KS2 curriculum. Accompanying videos, questions and answers can be accessed through the QR codes.

Science

Materials:

- Notice what familiar objects are made of – are those materials natural or manmade?
- Optional activities to find out more about the properties of salty water:
 - [Primary Science Teaching Trust](#)
 - [The Wildlife Trusts](#)
 - [The Natural History Museum](#)
- Do solids dissolve in different liquids? Experiment with a range of liquids to find the answer.
- Optional further activities to explore separating mixtures:
 - [The Royal Society of Chemistry - Separation Techniques](#)
 - [Primary Science Teaching Trust](#)
- Optional activities to find out more about how chocolate is made or to try making chocolate ice cream:
 - [The Royal Society - Brian Cox - Chocolate](#)
 - [The Royal Society of Chemistry - Making Ice Cream](#)
- Do some baking (or boil an egg) and discuss this as an irreversible change

- Research scientists who have developed new or improved materials and how they can be used to improve our lives in some way. Scientists such as: Ruth Benerito, Madam C.J. Walker, Spencer Silver, Leo Baekeland, Harry Brearly
- Create a presentation about a scientist to share with the class

Humanities

- Settlements – design a house for the late part of the 21st century. Think of environmental issues, be creative and write an explanation to go with it.
Create a timeline of settlements through the ages in a certain part of the world. What has changed? What has remained the same?

Please Note 

This document exists as a general overview only.

Its content will be adapted to the needs of the cohort throughout each term, depending on resources, time constraints and cohort needs. Members of staff reserve the right to change and adapt as necessary.