



BOYS' PREP

**Year 4**  
**Spring Term 2021**

Treetop Explorers

## Reading

- Extracts from 'Journey to the River Sea' by Eva Ibbotson
- Non-fiction extracts
- Retrieving key information from texts
- Inferring meaning
- On Fridays, a range of poetry looking at travel and place through a range of poets, including Laura Mucha, Brian Moses and Chrissie Gittins
- Oracy and presenting skills developing from reading

## Writing

- Non-chronological reports
- Articles and persuasive travel writing
- Narrative writing based on extracts from 'Journey to the River Sea'
- Descriptions of settings and characters
- Writing poetry
- Proofreading for spelling and punctuation errors
- Proofreading for grammatical errors
- Proofreading for improvement
- Use of subordinating clauses
- Using a variety of sentence structures in writing

## Grammar

- Commas in lists
- Commas in subordinate clauses
- Adverbs
- Verbs
- Conjunctions

## Four Operations

- 11 and 12 multiplication and division facts
- Multiplying three numbers
- Short multiplication (up to three digits by one digit)
- Short division (up to three digits by one digit)

## Measurement

- Comparing area and perimeter

## Fractions

- Unit fractions and non-unit fractions
- Equivalent fractions
- Fractions greater than one
- Adding and subtracting fractions with the same denominator
- Fractions of amounts

## Decimals

- Tenths and hundredths
- Dividing one or two-digit numbers by 100
- Using decimals to make a whole
- Writing, comparing, ordering and rounding decimals
- Decimals as halves, quarters

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

## Science

### States of Matter

#### Electricity

#### Working Scientifically

- Asking relevant questions
- Setting up simple practical enquiries, comparatives, and fair tests
- Making accurate measurements
- Gathering, recording, classifying, and presenting data
- Recording and reporting on findings
- Drawing simple conclusions
- Identifying observations related to scientific ideas and processes
- Using scientific evidence

## Philosophy and Religious Studies

### Philosophy

- Who cares? How should we care for the rainforest?
- Do we make a difference?
- Perspectives and what it means

### Religious Studies: Hinduism – beliefs and celebrations

- Understanding the key aspects of Hinduism
- How do Hindus celebrate?
- Where do Hindus worship?
- What festivals and celebrations take place as part of the Hindu religion?

## MFL

### French

- Recognise, understand and recall free time activities
- Express opinions
- Use connectives to link sentences together
- Understand and tell the time
- Deliver a short presentation saying what you do at the weekend including time

## Spanish

- Review days of the week and numbers
- Recognise, understand and recall key vocabulary
- Express likes and dislikes
- Understand how to make nouns plural and adjectives agree

## Computing

### E-safety

- To understand how to respond to hurtful or unkind messages online
- To understand how a message can hurt someone's feelings

### Programming Turtle Logo

- Write procedures using simple algorithms
- Change the colour of the pen
- Draw shapes using repeat function
- Draw shapes using setpos
- Use repeat function to create shape patterns

### Animation

- Explain what is meant by animation
- Create a series of linked frames that can be played as a short animation
- Control and adjust a time slider to locate a different point in a film clip
- Insert images to create a simple stop-motion animation short film clip
- Evaluate the good and bad points about some animation software

## Humanities

### The Amazon Rainforest

- To learn that the world is divided into different climates and the vegetation is linked to this
- To define what is meant by 'rainforest' and investigate the properties of the rainforest
- To learn about the industries that operate within the rainforest
- To research the animals that live in the rainforest
- To learn about the production of chocolate in the rainforest regions
- To learn about the development of Fairtrade products in areas of the rainforest

## PE

### 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
- Correct technique and importance of correct form
- 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

## **Rugby**

- Skill development: Introduction to contact; safe tackle/hold technique
- Conditioned small-sided games: 1v1, 2v2, 3v3
- Whole-game practice (7v7)
- Running straight
- Organisation of defensive line
- Offloading the ball
- Theory behind the sport
- Roles and responsibilities throughout the game

## **Health Related Fitness**

- Heart rate – What happens to your heart when we exercise?
- Methods of training (interval, continuous, fartlek)
- Muscles
- Circuit training (muscular strength/endurance)
- Diet – What is a healthy diet? Why is it important?

## **Hockey/Uni-Hoc**

- Dribbling
- Shooting
- Attack/defence play
- 1v1
- Small-sided games

## **Art**

### **Landscape**

- Develop realistic drawing skills
- Learn about perspective, scale and proportion
- Learn how different artists and designs have responded to the theme

## **Music**

### **Performance**

- Year 4 Production
- Learning a song to record with the production (depending on when the boys return to school)

### **Listening/Appraising**

- Distinguish between binary and ternary forms
- Describing music heard using musical vocabulary

### **Composing**

- To understand musical form and structure and how it is used in music
- To learn how to compose a simple melody
- To understand how texture is used in music, incorporating it into compositions

### Year 4 Production – ‘The Pied Piper’ (4CJ) & ‘The Emperor’s New Clothes’ (4MU)

- Rehearsals and performance which will include the following:
- Character development
- Script work and performance
- Focus and stage presence
- Reflection and feedback on performance

### Relationships & Living in the Wider World

- Responding to others
- Expressing opinions
- Setting goals
- Different communities
- Importance of listening
- Sending clear messages

### English

- Listen to audio book extracts of ‘Journey to the River Sea’ by Eva Ibbotson
- Vocabulary building by playing word association
- Use SpellZone 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](#)
- Use images from [Pobble 365](#) such as this for creative writing prompts (
- There are lots of fantastic non-fiction texts, such as DK Eyewitness Amazon, National Geographic Kids Rainforest to give your son further non-fiction readings experiences
- Reading recommendations for Year 4: [The Reader Teacher](#)

### 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.

### Science

- Create a Keynote presentation on the topic of ‘Sound’. Highlight key definitions and explain exactly how sound travels and is received by the human ear - [Sound and Vibration](#)
- Create a quiz for your class to attempt on the topic being covered in class. For example, pose questions on similarities and differences of invertebrate species.
- Create a fact file on either a vertebrate or invertebrate species. Describe characteristics, type of habitat it is found, label key features (wings, abdomen, antennae).

## **Geography**

- Rainforest – write a fact file about people who live in the rainforest

### **Useful websites:**

[Oddizzi](#)

[Tropical Rainforest Facts](#)

[Mongabay](#)

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.