Thorncombe, St. Mary's CE Primary Academy

Term: Autumn Term 1 **Class:** Orchard (KS2) **Teacher:** Miss Taylor and Mrs Balcer

Science
Working Scientifically
Planning
Recording
Concluding
Animals Including Humans
Forces & Magnets
Life Cycles
Climate Change
States of Matter
Sound
Earth & Space
Light
Evolution & Inheritance
Living Things & Their Habitats
Electricity

History
British History
World History
Power & Conflict
Chronology
Historical Events
Lifestyles of the Past

Geography
Geographical Enquiry Skills & Fieldwork
Location & Place Knowledge
Human & Physical Features
Sustainability

Religious Education
Learning from Religion
Learning about Religion
Christianity
Islam
Judaism
Hinduism
Non-Religious Beliefs

Writing: In English, children will explore mystery narratives through The Nowhere Emporium, identifying key features of the genre and developing their understanding of how authors create suspense, intrigue and tension. They will focus on developing mysterious characters and settings, using ambitious vocabulary, expanded noun phrases, figurative language, varied sentence structures, fronted adverbials and dialogue to engage the reader. Children will plan, write, edit and refine their own mystery narratives, creating suspense and leaving the reader wanting to know more. Later in the term, they will study non-chronological reports, learning how to organise and present factual information clearly and effectively, using appropriate vocabulary, sentence structures and cohesive devices.

Science:
LKS2: Animals Including Humans
Children will explore animals and humans, including the role of the skeleton in supporting and protecting the body. They will also investigate healthy eating and the importance of a balanced diet.
UKS2: Animals Including Humans
Children will explore the human reproductive system and learn about the changes that occur as humans develop. They will identify the main stages of human development and explore how babies develop before birth.

Computing - Systems and networks:
This term, the children will be learning about what a network is, how a website works and the role of a router. Our half termly E-Safety lesson will focus on the impact that the internet can have on our wellbeing and what actions to take.

DT – Electrical Systems: Lighthouses
Children will investigate existing lighthouses and identify their key features and purpose. They will design and construct a stable Dorset lighthouse, incorporating a working electrical circuit and switch, before testing, evaluating and improving their finished product.

Reading: We will have daily reading sessions to support children's fluency and comprehension this half term. Every child will be heard reading at least once a week. Within each subject, reading plays such a vital part and we appreciate any support you can offer at home by hearing your child read regularly. Please make a note of this in your child's reading record. You can see comments made by teaching staff within this book as well.



Mystery Narrative
LKS2 = Year 4
UKS2 = Years 5 and 6
[Year 4] [Year 5] [Year 6]

PSHCE – Being Me In My World
LKS2: Children will explore what makes them unique and recognise their achievements.

UKS2: Children will explore their hopes and aspirations for the year and consider their responsibilities within their school and wider community.

RE – What do Hindus believe God is like?
In this unit pupils act as philosophers considering how Hindus might see the world. They look at the concepts of Brahman to build up understanding. They use some stories, examine some Hindu texts and consider how deities exemplify qualities of Brahman.

Christian Ethos: Our core value this term is love and compassion. During our whole school, class and celebration worships, we will explore parables surrounding this value and find ways to demonstrate it in our lives.

Mathematics:
LKS2: Children will develop their understanding of place value, including reading, writing, ordering and comparing numbers. They will then develop fluency in addition and subtraction, applying their skills to calculations and problem-solving.

UKS2: Children will develop their understanding of place value before moving on to addition and subtraction, multiplication and division. They will apply written and mental methods to complex calculations and problems.

Geography – Countries and Cities of the UK
Children will name and locate the countries, capital cities, counties and major cities of the United Kingdom. They will explore the UK's key physical and topographical features, compare its geographical regions, and investigate how land is used and how places have changed..

Music: Musical Elements & Autumn Soundscapes
Children will develop their understanding of pulse, rhythm, notation and the elements of music. They will compose, perform and evaluate autumn-inspired music and soundscapes, using musical elements to represent seasonal sounds, ideas and changes.

Active Learning:
In PE, the children will be taking part in fundamental skills of balancing, running, jumping, hopping and skipping with Miss Taylor and learning ball skills with Mrs Balcer.

Modern Foreign Languages:
Children will be listening, responding, speaking and writing in French. **LKS2** will be exploring formal and informal greetings and greetings used at different times of the day. **UKS2** will be describing people and personality traits.

Extra Curricular Learning:
This term, we will enjoy forest school sessions every Tuesday afternoon. We will also celebrate events such as Hello Yellow, Harvest festival, National Democracy Day and Black History Month.

Computing
Searching
Coding
E-Safety
Digital Literacy
Creating
Data
Computer Science

Art & Design
Drawing
Painting
Sculpting
Printing
Craft

Design & Technology
Design
Make
Evaluate
Structures
Textiles
Food technology
Mechanisms
Electrical Systems

Physical Education
Active Learning
Forest School
Gymnastics
Yoga
Dance
Games

Modern Foreign Languages
Listening & Responding
Speaking
Writing

Music
Understand
Compose
Perform

Fluency	Problem Solving	Maths Areas	Reasoning	Mental Maths
Number & PV	Length, perimeter, area	Money	Statistics	Converting units
Add & Subtract	Fractions	Time	Decimals, percentages	Ratio
Multiply & Divide	Mass, capacity, volume	Shape	Position and direction	Algebra

Spelling	Punctuation	Writing Genres		Handwriting	Vocabulary
Stories with issues and dilemmas	Twisted tales	Stories from other cultures	Different viewpoints	Diary	Fantasy world
Persuasive texts	Non chron reports	Formal writing	Balanced arguments	Letters	Explanation texts
Imagery	Range of structures	Riddles + limericks	Mystery Narrative	Myths and Legends	Poems on a theme