Literacy:
Class Readers: The Hobbit/ Running wild

Non-Chronological Reports - children will be writing a report on Mythical 'Tree Giants'. They will be identifying the audience for and purpose of the writing, selecting the appropriate form and using other similar writing as models for their own.
Creating compelling story arcs: Children create pieces of writing using that create a sense of dread, excitement and intrigue. This unit will encourage children to plan clearly and organise their writing into chronological order.
Poetic style –Haikus, Tankas & Kennings
Using nature as stimuli, children will be exploring how different famous authors have used structured poems to convey the beauty of nature.
Persuasive writing:
We will be looking at how the use of palm oil has led to the destruction of rainforests & we will being writing persuasive letters to persuade companies to be more environmentally friendly.

PE: - *Circuit training*
Children develop spatial awareness, core strength, balance and control through climbing, dismounting and dynamic activities.
Team sport: Football
Swimming (if able)

Computing: *Kodu*

Children will learn the basics of the Kodu computer program. Developing their understanding of terms, instructions and eventually design their own program.

Numeracy:
Counting partitioning and calculating
Create sequences and explain the patterns in a sequence including using negative numbers. Compare and order numbers. Written methods for addition and subtraction. Multiplying and dividing whole numbers by 10, 100 or 1000.
Securing number fact and understanding shape
Classify numbers according to their properties; rounding; solving problems; properties of 3D shapes. Extend knowledge of 2D shapes.
Handling data and measures
Interpret data and pose a question to investigate; mode; pictograms and bar charts.
Calculating, measuring and understanding shape
Problem-solving in the context of measurement; converting units of length; finding perimeter; using a 24hour clock to the nearest minute; parallel and perpendicular lines; estimating and reading scales
Problem Solving and Metacognition:
Children will be challenged to use multiple methodologies to answer sums and justify their choices. At times, they will be given problems with incorrect answers and will be challenged to identify the mistakes, explain why they are wrong and give their own interpretation of the answer.

Year 5 Curriculum Map
Autumn 2021
"**What makes a good Adventure?**"

Geography
The Rainforest
Children identify rainforests on maps. They will learn about tropical climates and the different plant and animal species in each layer of the rainforest. They will look at the human impact on rainforests and the current dangers facing our world.

Music: - *Music of the decades:*
Comparing pop music from different eras to now. How has it changed? Have some tracks been re-imagined?

PSHE: -
Relationships: Children discuss relationships which are important to them and what makes a good relationship.

RE: - *Islam*
Understand how Muhammed became to be the prophet. Learn how muslim people worship and what beliefs they live by. Learn how Muslims celebrate. Look at the spread of Islam across the world.

French- Children develop an understanding about the family and friends leading into school life. Children will learn how to pronounce key words, phrases and terms.

Art: - *The Art of Hiro Isono*
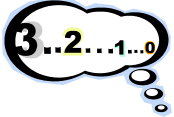The children will explore the art of fantasy artist 'Hiro Isono', How it impacted modern pop culture and his particularly style of fantasy.

Science:

Lifecycles: This unit looks mainly at the lifecycles of plants. Concentrating on how flowering plants reproduce and the processes of Germination, Pollination and Fertilisation. It also teaches the children about the human life cycle.
Children will also look at the water cycle.

Animals and their habitats: This unit looks mainly at the lifecycles of animals and adaptations to their habitats, linking with their knowledge on the Rainforest topic.

DT: - *8 Bit perler decorations*

Children research perler bead designs and their impact on current fashion. Children will design their own perler tree decoration in the 8-bit design.