Year 5 Autumn 2

Computing — Coding to Create a Game

- Use the Scratch program to create sprites and backgrounds according to the game specification
- Name sprites
- Use mouse and keyboard as controls
- Programme sprites to move independently
- Upload images from the internet
- Create sound effects

Geography — World Geography

- Locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions
- Key physical and human characteristics, countries, and major cities
- Name and locate counties and cities of the United Kingdom, geographical regions
- Use grid references and atlases to locate continents and countries

PSHE — Substances:

- Drugs common to everyday life
- Risks and effects of alcohol and smoking
- Rules and Laws

PE — Invasion games – Tag Rugby

- How to score
- Passing C shape
- Passing backwards
- Tackling

Gymnastics

- Types of flight
- Gesture and reaction to routine
- Use of equipment with flight
- Transitional movements

Rowing Fitness

- Rowing technique
- Cardiovascular fitness

Football

- Ball control Dribbling different parts of the feet.
- Passing using different parts of the feet
- Tackling
- Shooting

History — Ancient Greece

A study of Greek life, achievements and their influence on the western world

- develop the appropriate use of historical terms
- address and sometimes devise historically valid questions about change, cause, similarity and difference, and significance.
- construct informed responses that involve thoughtful selection and organisation of relevant historical information
- understand how our knowledge of the past is constructed from a range of sources.

French — Time Telling and Food

- Food and Drink Vocabulary
- Likes and Dislikes of Food
- Create a Menu

DT — Food Tech

- Eatwell Guide.
- Food hygiene and kitchen safety.
- Methods of combining ingredients.
- Methods of cooking - baking.
- Dough making.
- Knife skills.
- Greek and Maya recipes.

RE — Was Jesus the Messiah?

- Why was Jesus needed on earth?
- What kind of Messiah were people waiting for?
- How do the gospels show Jesus as Messiah?
- Did everyone think Jesus was the Messiah?
- What is the incarnation, for Christians?

Art — Van Gogh

- Form an artistic opinion
- Recognise technique
- Effectively use water colour, oil pastel and pencil
- Create printing block
- Learn to print using ink

Music — Ancient Greeks

- Notation: include dynamic & pitch choice
- Sing: The Puffin Song, Penguin Song and The Cat called Alexander
- Listen to: composers and discuss history and context. Saint-Saens = 19C, about same time as Holst, but a different country & language
- Compose: Ideas to reflect a lion or a mouse
- Use: Dynamics, Pitch, Tempo
- Structure: Start, middle, end.

English — Greek Myths

Texts:
Greek Myths
A Midsummer Night's Dream
Writing Outcomes:

- A speech as King Minos, A section of a Greek Myth, A Battle Scene
- A Play Script

Reading Skills:

- Identify and discuss themes and conventions in a wide range of writing e.g. 'heroism' or 'loss
- Predict what might happen from details stated and implied
- Draw inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence
- Identify how language, structure and presentation contribute to meaning

Maths — Multiplication, Division, Perimeter and Area

- Read, interpret and draw bar charts, line graphs, read and interpret information in tables
- Multiply and divide mentally using known facts
- Identify multiples and factors and use these terms with understanding
- Find common factors of two whole numbers
- Understand prime, composite, square and cube numbers
- Multiply and divide by 10, 100 and 1000
- Perimeter and area of rectilinear shapes

Science — Forces

- A force can change an object's shape, speed or direction
- Working Scientifically:
- Labelling scientific diagrams, measurements – repeating readings, recognising and controlling variables, discussing reasons why conclusions may be uncertain
- Being able to measure forces using a newton meter
- Being able to draw force diagrams showing the size and direction of the force
- Being able to plan and carry out a fair and valid test