

Computing Programming-Scratch

- Problem solving and debugging and correcting errors in programming. By decomposing them into smaller parts and detecting and correcting errors in algorithms and programs.
- designing, writing and debugging programs that control or simulate physical systems.

Geography Volcanoes and earthquakes

- use maps, atlases, globes and digital/computer mapping to locate countries and describe features
- use the eight points of a compass, four and six-figure grid references, symbols and key to build their knowledge of the United Kingdom and the wider world
- use key vocabulary to demonstrate knowledge and understanding about volcanoes
- physical geography related to volcanoes, including: climate zones and vegetation belts, mountains
- human geography, including: types of settlement and land use, economic activity including, and the distribution of natural resources including energy, food, minerals and water

PE Gymnastics

- Looking at variety of rolls
- Revise and Flight
- Balances
- What is cannon and how do I include it my routines
- Create more complex routines using a greater range of skills
- Using Equipment
- Fitness:
- Cardiovascular endurance
- HRF
- Rowing
- Fitness tests
- Skipping
- Cross Country

Tag Rugby

Defensive lines
Attacking formations
Passing backward on the move
Rules

Football

Beating a player
Passing lofted ball
Tackling
Shooting
Dribbling more adv

History Romans in Britain

- Why did Boudicca rebel?
- What was the Roman soldier all about?
- What was music like in Ancient Rome?
- Why was Hadrian's wall built?
- Who were the Roman Gods?

RE: What kind of king is Jesus?

- Why does the world need a rescuer?
-What is the kingdom of God?
-What kind of king was Jesus?
-How easy is it to bring heaven to earth?
-Who can be a kingdom maker?

French All about France

- Famous countries
- Neighbouring countries to France
- What is there in France?
- Description of France,
- Where do I live?
- Languages and nationalities

Year Autumn 2

Science Electricity

- Light travelling in straight lines,
- How we see objects,
- The eye,
- Reflection
- Opaque/transparent and translucent materials
- Shadows
- Rainbows and colour spectrum,
- Refraction through water.

Art Graffiti

- What graffiti/street art is and messages within.
- Develop own graffiti text style and design a piece of graffiti in their sketch books.
- Artistic language and development of opinion
- Learning new techniques
- Combining text and image
- Exploring colour for best effect
- Discovery of new art type
- Use of marker pens and felt tip, independent decision making

Music Clouds /stormy weather/Journey Greig/ Christmas

Keywords: patterns, layers, ABA structure

Vocabulary-Tempo: **texture/layers, patterns**, loops, overlapping sounds, dynamics terms: Note Clusters, Tremolo or drum roll (thunder)

Listen to: composers, history, context. Debussy "Nuages", Beethoven "Sym 6: Storm", Nick Powlesland "Cloud Nine"

Compose-In teams, Using pattern, repetition & layers.

Structure = follow 3 clouds pictures and in order

Compose-In teams-Using pattern, repetition & layers.

Structure = a thunderstorm_ABA

Notation-Read accompaniment notation, Including #

Listen: composers, history, context. Grieg "In the Hall of the Mountain King",

Discover patterns & how they can help learning a piece of music & performing it.

English Biography

Sky High film (extract/ assorted film clips) Superhero (**writing focus**)

Autobiographies/diaries/ memoires – writing/writing

Non-chronological rpt – volcanoes (x-curric with geography) – **reading and writing**

Persuasive letter – audience of pupil's choice (writing)

Reading – focus on answering the 7 NC reading domains

Design Technology

Resistant Materials–Wheeled wooden toy.

- Health and safety in the workshop.
- Types of timbers
- Wooden toys – existing products, appealing designs, safety considerations.
- Design briefs.
- Woodworking- Cutting, drilling, shaping and smoothing timber.
- Constructing simple wheels and axles.
- Evaluating.
- Product packaging.

Maths Fractions/ Position and Direction

- Simplify fractions and equivalences and number lines
- Compare and order fractions <1
- Add and subtract fractions with different denominators and mixed fractions.
- Multiply integers with fractions and proper fractions,
- Divide fractions by integers and find decimal equivalents
- Find fraction of amounts
- Associate a fraction with division and calculate decimal fraction equivalents.
- Describe positions on the full coordinate grid and four quadrant grid.
- Draw and translate simple shapes on the coordinate plane and reflect them in the axes.

PSHE Health and hygiene

- balanced, healthy lifestyles and positive and negative effects on them
- recognising early signs of physical illness.
- the elements of a balanced, healthy lifestyle.