

Biology: Respiration

- Breathing and gas exchange
- Breathing investigation
- Aerobic and Anaerobic respiration
- Effect of exercise
- Health: drugs, smoking and alcohol
- Biotechnology

Art: Nature Trail

- Use of marks to describe surface quality
- Use lines and marks to create texture, light and dark tones
- Investigating and researching artists
- Drawing and design skills: line, tone, marks, patterns, shape, form
- How to give feedback; reviewing own and others' work
- Use of key art words/terms when describing a piece of art

Computing: Data Representation

- Understand the importance of file / Folder Management/ Passwords / Security
- Understand the importance of online safety and how to stay safe online.
- Learn the basics of HTML and CSS
- Learn to use web design software to create a multi-page website

Mathematics: Develop Fluency

- Use algebra to generalise the structure of arithmetic, including to formulate mathematical relationships
- substitute values in expressions, rearrange and simplify expressions, and solve equations

Drama: Oliver Twist

- Read and analyse the key themes in a set work
- Use the SMEs to develop a role and sustain a character
- Explore the social and historical context of the set work through research i.e. class and poverty, Victorian England, Workhouses

History: Henry VI

- Why did King Henry want to reform the English church?
- To know the significance of the break from Roma, the extent of which interpretations differ over key individuals (Mary I and Edward VI)
- To know how life contrasted in tutor times with life today

Design Technology: Resistant Materials (Cam Car Project)

- Generate, Model and Develop Idea: sketched ideas based on brief
- Designing and Making: work with a range of tool, materials, equipment, components and process, showing understanding why and how they are used
- Understand Health and Safety rules in the workshop and Risk Assessment
- Recognise different types of motion
- Critical evaluation of product

English: Novel (Refugee Boy)

- Reading: comprehension, analysis skills and wider understanding of life and adult issues through focused study of an entire novel
- Explore thematic ideas of fake news, influential language in news, reasons for migration and treatment of migrants
- Evaluate texts critically and support this with appropriate textual references



WHAT AM I LEARNING?

Geography: A Changing World

- Propositional Knowledge: Understand causes of urbanisation and pressure on services & changing functions of growing urban areas. To understand land uses and how this can be modelled Issues in richer cities (e.g. crime, transport, housing) and to compare the sustainability of current & future urban development.
- Procedural Knowledge: To be able to describe and explain the growth of urban areas, both in LEDCs and MEDCs. Students should be able to identify reasons behind an increase in urbanisation, and acknowledge both the problems and benefits that it can bring.

PSHE: Relationships

- Healthy relationships
- Unhealthy relationships
- Growth and Change
- Self-Esteem
- Love and Sexual Relationships
- Contraception and Unprotected Sex
- Young parenthood and teenage pregnancy
- Cyber Bullying; Body Image and Media

Chemistry: Reactions

- physical and chemical change
- conservation of mass in a chemical reaction
- combustion
- thermal decomposition
- Practical work
- Experimental skills and strategies

French: T'es branché(e)?

- Types of films; types of reading materials; activities on the internet; talking about activities in the past.
- Grammar:** present tense of all – ER, -IR and –RE verbs, present tense of “avoir” and “être”; the perfect tense. Recapping on adjectives and key opinions and reasons. Introduction to past tense
- Skills:** strategies for listening, speaking, reading, writing and vocabulary learning are revisited continuously.

German: Holidays

- Countries, holiday activities, weather, question words
- Grammar:** present tense verb conjunction; word order
- Skills:** strategies for listening, speaking, reading, writing and vocabulary learning are revisited continuously

Spanish: Holidays

- Countries; holiday activities; sequencers, opinions and adjectives
- Grammar:** past tense
- Skills:** strategies for listening, speaking, reading, writing and vocabulary learning are revisited continuously

RE: Hinduism

- Origins of the religion
- Religious Practice
- Core Beliefs
- Festivals
- Critically evaluate, compare, contrast and analyse in depth
- Polytheism vs Monotheism

Physics: Energy

- Power dissipation
- Power
- Choosing energy resources
- Change of state
- Heat transfers
- Insulation

Music: Blues and Jazz

Blues scales in C, F, G; Accidentals (sharps and flats); notes in a Walking Bass; Chords 1, 4 and 5 as a progression, playing in time with different tempos 120, 100, 90, etc.; Jazz chords – flattened 7th and augmented chords; key rhythmic terms: syncopation, polyrhythm and ostinato and apply these in performance; keyboards skills: learn the melody of simple Gospel pieces, music devices

PE: Invasion – Rugby (building on)

- Core Principles of Play – Go Forward, Support, Continuity, Creating Pressure, Contesting Possession
- Catch & Pass
- Tackle Technique
- Body Positioning at Breakdown
- Scanning (spatial awareness)
- Application of the core skills through constraint games-based activities