

What are students learning during Autumn Term 1?

English

The Ruby in the Smoke / The Gothic - *Key themes of mystery, investigation, power and corruption, Victorian London as a divided city, Gothic conventions, atmosphere and tension.*

Maths

Analysing and displaying data; Number skills; Expressions, Functions and Formulae; Decimals and measures - *Understanding and comparing data using a range of tables and diagrams; using a calculator and mental maths to solve number problems; an introduction to algebra and function machines; solving problems involving length, mass, capacity and area.*

Science

1. Biology - Cells and Organisation - *Cells, light microscope, hierarchical organisation.*
2. Chemistry - Particles, substances and mixtures - *States of matter, separating mixtures*
3. Physics - Fundamentals - *Forces - deforming objects, measures, non-contact and change.*

History

An introduction to History - Empires East and West c.1000 - *Comparison of the Chinese, Islamic, Byzantine and Holy Roman Empires*
How were the Normans able to conquer England after 1066? - *Anglo-Saxon England, contenders and battles of 1066, William I*

Geography

Map skills using worldwide areas (The Great Barrier Reef, Antarctica, River Ganges, Rio de Janeiro, Victoria Falls, Mt St Helens, Bridlington) - *Direction, sketch maps, scale and distance, measurements, 4 and 6 figure grid references, cross sections; symbols.*

Religious Studies

What is Religious Studies? *Differences between beliefs and how people see things differently, exploration of ultimate questions, ancient Greek philosophical problems, key beliefs and practices of Judaism, Christianity, Islam, Hinduism, Buddhism, Sikhism and Humanism.*

French

Introduction to Language - *Why we learn the language, basic greetings and introductions, careers, free time, opinions about sports, hobbies, Christmas in French speaking countries.*

Spanish

Introduction to Language - *Why we learn the language, basic greetings and introductions, careers, free time, opinions about sports, hobbies, Christmas in Spanish speaking countries.*

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Art

Art from other Cultures - *Mexican Art and the Day of the Dead Festival* - history, traditions and symbols, artists, designers and craftspeople, personalisation of ideas.

Music

The Elements of Music and Singing - *Exploration of key concepts, ensemble-based activities, correct singing techniques, students will sing in unison and explore two-part harmony.*

Drama

Text in Performance: "The Awkward Customer" - *Interpretation of text, skill application of characterisation, emotions and emotive development, staging.*

Physical Education – Girls

Games - Netball OR Hockey - *Practice of core techniques and skills, rules and decision making*

PE - Badminton OR Dance - *Performance of movement in isolation, developing sequence.*

Physical Education – Boys

Games - Rugby OR Football; *Practice of core techniques and skills, rules and decision making*

PE - Badminton OR Gymnastics - *Performance of movement in isolation, developing sequence.*

Computing

Introduction to Computing and E-safety - *Strong passwords, threats to safety, using MS Teams, issues around use of social media, using a computer at school, use of MS PowerPoint, how to search the web and use images appropriately.*

PSHE (Personal, Social, Health, Economic Education)

Core Theme 5 - Celebrating Differences - *Introduction to PSHE, Who am I? Identity, self-awareness, new beginnings, building resilience*

Design & Technology

Students are working in one of three rotations;

1. Product Design - Timber Manufacturing *Types and process, making shapes from timber*
- Polymer Manufacturing *Types and process, shaping and forming.*
2. Textiles - *Woven and non-woven fabrics, using a sewing machine, writing a design brief*
3. Food Technology - *Balanced diet, ingredients, hygiene, knife safety, food preparation*