

## What are students learning during Autumn Term 1?

### English

Crime in Literature in the 19th Century - *Sherlock Holmes and The Whole Town's Sleeping by Ray Bradbury. Crime and gothic genre, coverage of duality, exploration of morals and justice.*

### Maths

Number; Area and volume; Statistics, graphs and charts, Expression and Equations - *Calculating using squares, square roots, cubes and cube roots; using formulas for different shapes and solving everyday contexts involving measures; Understanding and analysing data using a range of diagrams and graphs*

### Science

1. The Body (Biology) - *Heart, lungs and the digestive system.*
2. Chemical Formulae (Chemistry) - *Understanding a formula, naming compounds and writing an equation.*
3. Electricity (Physics) - *Current in a circuit, insulators and conductors, static electricity.*

### History

1. Why was there a plot to kill King James I in 1605? *The causes, events and consequences of the Gunpowder Plot 1605, Catholic and Protestant divisions in England.*
2. Why were there so many witch hunts in 17th century England and America? *Beliefs about witchcraft, events at Pendle Hill in England and Salem in America, why superstition grew.*

### Geography

Russia - *Climate, animal adaptations, population decrease, Yakutia migration, Chernobyl, the World Cup, threats to the forest, conflict, natural resources.*

### Religious Studies

What influence do religious traditions have? - *Changing religious life in Britain over time, nature of worship, why places of worship have significance, digital technology and religious practice.*

### French

T'es branché (You're connected) - *Talking about TV programmes, films, being online, what you do in different weathers, opinions about reading, favourite TV, films and books.*

### Spanish

Mis Vacaciones (My Vacation) - *Talking about a past holiday, saying what you did on holiday, what your holiday was like, giving a presentation about your holiday.*

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### **Art**

Otherworldly: Surrealism - *History, principles, focus artists and practitioners of surrealism. Introduction to new approaches - taking risks and thinking outside the box.*

### **Music**

Guitar Hero - *The elements of music, music notation - chord diagrams and lead sheets, correct guitar technique, chord names, guitar parts.*

### **Drama**

Devising: Skills of the Actor - *Vocal elements, mime and action, actors sight-line application to focus points.*

### **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**

E-Safety & Binary Logic & Python Programming in EduBlocks- *Personal data security - phishing, inappropriate behaviours. AND OR NOT gates, truth tables and circuits & Using variables, outputting data and order (sequence) and input.*

### **PSHE (Personal, Social, Health, Economic Education)**

Choices - *Introduction to Rights, responsibilities, consent, gender & sexuality. Introduction to drugs education.*

### **Design & Technology**

Students are working in one of four rotations;

1. Design Technology - *Metal Manufacturing*
2. Design Technology - *CAD/CAM modelling, design solutions.*
3. Design Technology - *Papers & Card*
4. Food Technology - *Food and nutrition - health and safety, nutrients, allergies and skills.*