

What are students learning during Spring Term 1?

English

Transactional Writing and The Spoken Word - *How writers/orators use speeches for a variety of purposes; the use of formal language and standard English in the spoken word; researching and presenting a speech on a topic.*

Maths

Constructions; Sequences, Inequalities, Equations and Proportion; Circles, Pythagoras and Prisms - *Construct and draw accurate scale diagrams; Recognise and continue geometric sequences; Use algebra to solve problems involving direct or inverse proportion; Solve problems involving circles and prisms.*

Science

Biology: Supplying the Cell and Body Systems - *Digestive system, respiratory system and circulatory system*

Chemistry: What is it made of? - *Pure and impure substances, chromatography, gases, mass*

Physics: Electric and Magnetism - *Circuits, electric current, conductors, magnetism, electromagnets*

History

Why were the Nazis able to gain power in Germany in 1933? - *Impact of Treaty of Versailles, early Nazi beliefs, the background of Hitler, Munich Putsch, Reichstag fire, Enabling Act, Night of the Long Knives, propaganda, life for ordinary Germans under the Nazis.*

Geography

Understanding Africa - *Population, development of countries, climates and biomes, The Sahel, poverty in Ghana, urbanisation in Ethiopia, trade with China, grasslands, drought, the Maasai Tribe, Mount Nyiragongo, Rwanda genocide.*

Religious Studies

Are Religion and Science in conflict? - *Differences between religious and non-religious questions, Hindu and Christian creation beliefs and science, Theory of Evolution.*

French

A L'horizon (On the Horizon) - *Discussing the future, jobs and what they involve, ambitions, investigating unusual jobs, importance of learning languages.*

Spanish

En Forma (Healthy Living, Fitness) - *Describing food and drink, sporting activities, routines, body parts, illness and injuries, good and bad habits.*

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Art

'Eat and Feel' - Gothic (Continued) - *The Gothic movement - art, architecture and literature, identifiable features, Bram Stoker's Dracula, artist Ian Murphy and mixed media artwork.*

Music

Music and the movies - *Exploration of key stylistic features of film music, role of music in TV, films or video games, learn to play short leitmotifs on keyboard*

Drama

Devising & Text in Performance: Physical Theatre - *Base and flyer choreographic composition and performance delivery, sequence and balance, weight taking, counterbalance, resistance.*

Physical Education – Girls

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

PE - Fitness OR Team Games - *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 - Basketball OR Team Games - *Performance of movement in isolation, developing sequence.*

Computing

Data and Algorithms - *How computers store numbers, size of data, storing images, abstraction, binary, how computers store sound, link between file size and fidelity, properties of sound files.*

PSHE (Personal, Social, Health, Economic Education)

Core Theme 1 and 2: Health and Wellbeing, Relationships and Sex Education (RSE) - *Health and Wellbeing, Relationships & Sex Education - Positive body image, sexting, abuse, controlling relationships, domestic abuse, LGBTQA+ relationships, homophobia, transphobia.*

Design & Technology

Students are working in one of three rotations;

1. Design Technology - *Mini NEA Resistant Materials - Clock Project*
2. Textiles - *Hand and machine skills, dye applications, review of materials*
4. Food Technology - *Multicultural dishes - packaging, allergens, cooking a selection.*