Year 8

Wolfreton SCHOOL AND SIXTH FORM COLLEGE

THE CONSORTIUM ACADEMY TRUST

What are students learning during Autumn Term II?

English

Boy Everywhere Continued - *Understanding of the refugee experience, realities of war, displacement and seeking asylum. Analysis of characterisation, language and symbolism to communicate emotions. Analysis of war poetry.*

Maths

Number; Area and Volume; Statistics, Graphs and Charts; Expression and Equations Continued - *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. Biology - Plants & Processes Cont- *Structure, photosynthesis, adaptations, active transport.*
2. Chemistry - Earth & Atmosphere Cont - *Composition, structure, continental drift, rock types*
3. Physics - Heating and Cooling Cont - *Temperature, thermal equilibrium and transfer,*
   - Forces and Motion Cont - *Speed, relative motion, distance time graphs, acceleration*

History

England in the 17th Century: A World Turned Upside Down - *King James I and religious challenges, the Gunpowder Plot 1605 and responses to the Catholic threat, causes of the English Civil War 1642, conflict and key battles of the Civil War, impact of war on ordinary people, England as a republic under Cromwell, the witch-hunts of the 17th century.*

Geography

Geography of the environment - *Climate change, Australia bushfires, carbon future, wind farms, oceans and plastic pollution, sustainable tourism, wilderness under threat, landmines, the Mariana Trench, climate change in Bangladesh, Dharavi slums, pollution in China.*

Religious Studies

What influence do religious traditions have? *Christian and Humanist wedding ceremonies, the significance of the work of Martin Luther King and Gandhi, the concept of service in faith.*

French

Paris je t'adore (Paris I love you) - *Saying what you can do in Paris, saying what you like doing, asking for tourist information, saying what you visited and what it was like, saying what you did*

Spanish

Todo sobre mi vida (All about my life) - *Saying what you use your phone for, what type of music you like, talking about TV, understanding a TV guide, learning about young people's' lives*

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Art

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

Music

World Music and Fusion- *Why and how does music sound different all over the world? Chinese scales and rhythms, the Pentatonic 5 note scale, instruments from around the world.*

Guitar Hero - *An understanding of music notation, correct guitar technique and chord names.*

Drama

Devising: Skills of the Actor Continued - *Vocal elements, mime and action, actors sight-line application to focus points, using pitch, tone, volume, exaggeration and the fourth wall.*

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

Binary Logic - *Understanding how a simple circuit works, why computers use binary, AND OR NOT gates, truth tables and circuits & using variables, outputting data and order (sequence) and input, logic circuits expressions or equations.*

PSHE (Personal, Social, Health, Economic Education)

Core Theme 2: Relationships and Sex Education (RSE) - *Healthy respectful relationships, break ups, STIs/HIV, contraception, consent, LGBTQA+*

Design & Technology

Students are working in one of four rotations;

1. Design Technology - *Metal manufacturing, pewter casting and storage solutions, shaping.*
2. Design Technology - *CAD/CAM modelling, design solutions for picture frames*
3. Design Technology - *Papers & Card - how they are made, design influences.*
4. Food Technology - *Food and nutrition - healthy eating guidelines and dishes.*