Orwell Class Summer 1 2024

Acorn Park

History	**RE**	**Employability**	**Maths**
The learners will be starting a new topic on Elizabethan History. They will be looking at the context of 16th Century England, the Tudor dynasty, the Elizabethan court, and structure of government. In the history of medicine, the learners will look at the Great Stink in London, Fleming and the development of penicillin, 20th Century Medicine and the impact of the wars on surgery	Year 10 will be looking at childhood psychological development. They will examine the theories of Piaget including assimilation and accommodation, ego centrism and stages of development. The learners will also consider the nervous system and the James-Lange theory of emotions	Orwell will be focusing on how to identify risks and hazards in the work environment. They will learn to reduce risk of harm to self or others and be able to deal with hazards and risks within the work environment.	This half term Orwell will be learning about percentages and money in maths. We will revise fractions, decimals, and percentages equivalence, and then move on to calculating percentage increase, decrease and change. This will link in with learning about money, salaries, taxes, bank accounts, bank statements and calculating simple interest.

Psychology

The learners are continuing to revise memory including interference context and false memories in cognitive psychology and group influence in social psychology

English

Orwell will read Macbeth in preparation for GCSE next year. They will watch several film versions of the play before reading sections of the play. They will learn about the relationships between the characters and how Shakespeare uses language to enhance the characters and the plot. Students will learn how to structure a GCSE question response.

Science

This term will see year 10 class completing topics on component 6 - Physics: Electricity, magnetism, and waves.

Electricity Big Idea: Objects can affect other objects at a distance.

Topics

· Current, potential difference and resistance

· Series and parallel circuit recap

· Domestic uses and Safety

· Energy transfer

Waves: Big Idea: Objects can affect other objects at a distance.

Topics

· Waves in air , liquid and solid(Transverse and Longitudinal waves)

· Wave equation

Citizenship and PSHE

Impact of societal change on young people, role of media on societal change, reflection on change so far and how to manage it successfully. Decision-making, sexual identity, gender, spectrum of sexuality. Stereotypes in romantic relationships, sexual identity and risk, physical and emotional changes, family change, sources for support.

Geography

Orwell will continue to study the changing economic world. They will focus on global variations in economic development and quality of life and strategies for reducing the global development gap. Orwell will explore LICs and NEEs that are experiencing rapid economic development which leads to significant social, environmental and cultural change. They will also explore how major changes in the economy of the UK have affected, and will continue to affect, employment patterns and regional growth.

· Electromagnetic wave

They will finish the term completing externally set assignments and teacher devised assignments for the entry level certificate in science on the component 6 studied.

Art

In Art, During Summer 1 and 2, we will be working on the Olympic Games- the Art of 5 continents: African Art, Asiatic, Greek pottery, Peruan Masks, and Australian aboriginal art.
We will also celebrate International Art Day during Summer 1 with Art workshops. The next Olympic games will be help in Paris. Often, designers will use influences from native artists to help create the logo, poster and visual aesthetics of sporting events. A good example of

Provisions

This half term, Orwell class will be completing a Talk about for teenagers' programme. This will be a 30–45-minute sessions weekly and will develop their emotional resilience and emotional literacy. They will begin to understand their own emotions as well as others' emotions in relation to their actions. They will develop their communication skills and build trust as a group.

PE

This term, Orwell will be working on Tennis and rounders. They will develop their knowledge of the rules of each game as well as begin to use tactics to outwit their opponents.

Horticulture

This term in Horticulture we will be building upon the ongoing theme of improving the environment of our school. One project that is nearing completion is creation of a larger pond in Animal Care.
We will also be focusing on minibeasts and the role that these useful creatures have in horticulture. As part of this we will be renovating the school's elderly insect hotel and minibeast area.

this was the 1982 World Cup. Hosted in Spain, the graphics were inspired by the Spanish artist Joan Miro.

We will study in detail Matisse and create a series of Olympic pictograms to capture the movement and positions of

various athletes for the upcoming Paris 2024 games.

Each class will be involved in the ongoing project of the creating of the temperate food forest in the polytunnel and this will now be entering its second phase with the creation new beds and the grafting of new fruit trees.

As we head towards spring, we will be looking at plant life cycles and each pupil will be sowing seeds and watching these spring into life as the days grow longer and warmer.

We will also select a plant to study in more depth, most likely the Malus species, and observe the plant as it moves through the various parts of its yearly cycle - from bud burst to fruit and seed production.

Computing

This extensive programming unit takes learners from being complete novices to having the confidence to tackle any GCSE level programming challenge. Essential programming theory is also interleaved into the practical elements of programming to provide tangible links between required knowledge and skills. Learners are beginning with looking into

			sequencing and the layout of code and how to construct a programme