

Orwell Autumn 1 2024



Acorn Park

<p>Employability</p> <p>Over the next half term To be able to investigate different career options available to them. Identify some key actions to be undertaken to move forward from current position, for example further study, courses, qualifications to be taken, applications, research. Use sources of information, advice and guidance on careers to select career options relevant to own aspirations. Be able to assess career options</p>	<p>Classic's</p> <p>The learners will be taking the bare bones approach in the first half term. In Myth and Religion they will be looking at the myth of Heracles, temples, myths of the city, festivals, myths and symbols of power, death and burial and journeys to the underworld. In War and Warfare they will be briefly looking at Sparta, Athens, the Roman legion, Homer, Tyrteaus, Horace and Virgil.</p>	<p>Computer Science</p> <p>The main focus of this unit is on searching and sorting algorithms, though other topics are covered, such as computational thinking, flow charts, and tracing algorithms. Students will have opportunities to analyse, interpret, modify, and implement a range of algorithms.</p>	<p>Maths</p> <p>This year Orwell will be starting the GCSE curriculum.</p> <p>Group 1 : These guys will be starting a course specifically geared towards foundation GCSE and Functional Skills qualification with Megan. They will start with proportional reasoning covering ratios, scales, maps, speed distance and time, and direct and inverse proportion.</p> <p>Group 2 will be following year 10 national curriculum, aiming for higher GCSE next year. They will start with congruency, similarity, and enlargement, learning how to enlarge a shape by a negative and fractional</p>
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			scale factor, as well as using conditions for congruency to determine whether triangles are congruent. After that we will start trigonometry- focusing on vocabulary, and throughout the year we have a small amount of exam question practice at the end of every lesson to start to prepare for GCSE exams next year!
<p>Horticulture</p> <p>In this final half term of the academic year, we will continue to build upon last half term's work of improving the environment of our school.</p> <p>Things are growing rapidly within the school's temperate food forest and pupils will be working hard to ensure that the polytunnel is kept weed free and enable the plants that we have planted to thrive and produce food.</p> <p>Through this activity the pupils will gain an understanding of competition between</p>	<p>English</p> <p>Orwell will read a novel from the gothic genre; Jekyll and Hyde, to further embed their understanding of linguistic terminology, spelling, punctuation and grammar skills; which links directly to English language. They will learn how to analyse the language of the gothic genre and how to replicate this in their own writing. They will learn how to critically analyse a short quotation and develop an understanding of plot, setting and themes.</p>	<p>Science</p> <p>Year 10 class will start this school year this autumn studying Biology and completing their entry level certificates in science for chemistry, biology, and physics. The big idea they will be exploring in biology will be that organisms require a supply of energy and materials for which they are often dependent on or in competition with other organisms. The following topics will be explored: adaptations, interdependence and competition, trophic levels in an ecosystem (Trophic levels, Pyramids of biomass, Transfer of biomass), ecosystem organisation (levels of organisation, how materials are recycled, decomposition), biodiversity</p>	

species and that as in the animal kingdom in the world of plants it is also a case of survival of the fittest unless we intercede.

Pupils will also learn how to propagate plants from softwood cuttings. As well as giving them an understanding of cloning it also enables us to expand the number of plants within the food forest considerably. We will also be planting out vast amounts of seedlings and harvesting the products of our labours for use in the school kitchen.

We will also look at the vital role that pollinators play in our food production.

and the effect of human interaction on ecosystems (biodiversity, waste management, land use, deforestation, global warming and maintaining biodiversity), food production (Factors affecting food security, Farming techniques, sustainable fisheries and the role of biotechnology. The entry level certificates will be based on the following components: ELC Biology - Component 1 – The human body, Component 2 – Environment, evolution and inheritance. This certificate will be assessed on, designing investigations, Independence, recalling key facts and linking ideas.

<p>History</p> <p>This half term the learners will begin working on the GCSE topic of the history of Medicine. The learners will be looking at what medicine was like in the Middle Ages, looking at Hippocratic and Galenic medicine. The learners will investigate the role of the Islamic world in the evolution of medicine. The learners will investigate the early evolution of surgery.</p>		<p>PSHE</p> <p>Equality in the workplace, in society, in relationships, Equality act 2010, vulnerable groups including disability and hidden disability, workplace expectations, rights and responsibilities, power and control in relationships, coercive control, benefits of multi-cultural societies, Equity equality and inequality, my health.</p>
<p>Citizenship.</p> <p>A brief history of Parliamentary democracy</p> <p>What role does the monarchy play in the UK</p>	<p>Home Learning</p> <p>If students wish to work at home, the focus will be to support their learning towards qualifications. Our students access Gateway, ASDAN, Entry Level, Functional Skills, and GCSE pathways. Please speak to your class teacher if you want</p>	<p>Geography</p> <p>This term Orwell will be studying natural hazards. They will develop an understanding of the tectonic and meteorological hazards, impacts and management strategies.</p>

Is it time for the monarchy to change? How does the system of parliamentary democracy fit together Left wing and right wing Political parties Political parties in the UK How do you become a member of parliament? Should 16-year-olds be given the vote What does an MP do? What's going on in the House of Commons? Parliamentary Quiz How does Parliament make laws? How should the House of Lords be modernised? Influencing government: pressure groups and lobbying How does the government work	more information about which qualifications your child is working towards. For Science: It will be beneficial for pupils to get into the habit of revising at home. The websites below can be accessed to support their revision. <ul style="list-style-type: none">• http://www.bbc.co.uk/education/subjects/zrkw2hv• https://www.primrosekitten.com• https://app.senecalearning.com• https://www.youtube.com/channel/UC-TM-z1-tmX1iK_H4SxVhww - Required Practical videos• https://www.my-gcsescience.com/		PE / Swimming Will be developing their ball handling and team-work skills in the handball unit of work. They will develop and further their knowledge of the game rules as well as begin to develop tactics and strategies to win the game. They will develop skills of attacking, and different types of defence to use in game situations.
	Art During this half-term, students will be working on Summer Art by drawing Summer natural landscapes using all the Arts elements and language. We will be also focusing on the Olympics and Art from other Continents and creating a collaborative class Flag.	Animal Care We will be renewing our skills looking after our range of animals. Increasing our understanding of our animals needs and their specialisms, through out the year.	

		<p>We will also be observing the cycles of life and the seasons and how one effects the other.</p>	
<p>Acorn Activities: We have a variety of activities which include Rugby , cooking , football and I.T .</p>		<p>This half term's theme is fantasy worlds and we will be looking at the weird and wonderful world of fantasy animals and comparing them with our own school animals.</p> <p>This academic year we are setting up a small enterprise producing eggs potentially for sale and most groups at some stage will be part of this project.</p>	