

<p>Geography</p> <p>Orwell will be studying 'Urban issues and Challenges' this half term. They will consider: the changing economic world, measures and models of development, reasons for uneven development and how to reduce the gap. They will apply their knowledge to case studies: the UK and Nigeria</p>	<p>Classic's</p> <p>In myth and religion, the learners will be looking at symbols of power in Athens and Rome. They will be looking at the attitudes to death and funerals and the myth of Orpheus's descent in the Underworld. In war and warfare the learners will be looking at Roman Fortresses, Roman Tactics, Roman recruitment, The Emperor Augustus and the Battle of Actium.</p>	<p>Computer</p> <p>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.</p>	<p>Maths</p> <p>Orwell with Megan will be taking a full sweep through fractions, decimals and percentages to help consolidate past years learning. This will involve equivalent fractions, operations with fractions, how to convert between fractions, decimals and percentages, as well as operations involving decimals and percentages.</p>
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Horticulture/Animal Care

At Animal Care and Horticulture, we will start to introduce seasonal changes for Winter to Spring by observing the school environment around us. Observational changes in plants, trees, wildlife and our animals. Mark will continue with the sensory garden, out the front of the school, along with planting and growing

Acorn Activities:

We have a variety of activities which include Rugby, Spanish, Art, Football, Drama, Book club and I.T .

English

Orwell will be continuing to read, study and analyse the plot/themes/characters and context that inspired JB Priestley's morality play *An Inspector Calls*, before visiting a selection of poems from AQA's *The Conflict and Power Poetry* anthology. The focus this term will be on how to analyse language techniques, construct analytical paragraphs and interpret the writer's purpose. How and why do writers make the choices they do and how are they trying to affect their readers/audience.

Science

To start off spring term 2 the class will be completing their lessons on the Human nervous system this includes the principles of homeostasis, the structure and function of the human nervous system, reflex actions, the brain, the eye and common problems of the eye. Following this with physics finishing light. The big Idea: Waves carry information without causing a permanent change on the intervening medium. The class will also explore atoms, some of the subjects within this topic to be explored are the history of the atom and the structure of the atom, ions, atoms and isotopes and electronic structures.

<p>History</p> <p>The learners will be examining the psychology of memory, looking at Murdock's curve experiment, Bartlett's War of the Ghosts, context and false memories. The learners will also examine conformity and obedience, looking at Milgram's famous experiment, Ardorno's F scale and how crowds behave.</p>	<p>Art</p> <p>Orwell students will continue to explore a range of techniques to record their observations in sketchbooks, journals, and other media to explore their ideas, especially painting. They will increase their proficiency in handling different materials as we develop projects related to Mardi Gras, the Holi Festival, Spring, and Easter.</p>	<p>PSHE</p> <p>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, stereotypes in romantic relationships, sexual identity and risk, physical and emotional changes, family change, sources of support, personal safety, cycling, water safety, alcohol, transport</p>
<p>Citizenship.</p> <p>To continue with the rights and responsibilities topic, focusing on justice system, human rights and the legal system.</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 more information about which qualifications your child is working towards.</p>	<p>Further Maths</p> <p>In further maths we will be covering the topics of quadratic sequences and circle theorems. By the end of the half term the students will be able to find the nth term in any linear or quadratic sequence and solve complex problems involving circles.</p>

PE / Swimming

Orwell class will be working on basketball and team building this term. They will be learning the rules of basketball as well as how to apply these in a game situation. They will be developing their use of different passes, dribbling skills and shooting skills also. In their team building sessions they will begin to look at different ways of effectively working together to achieve a common goal. They will apply these skills in different game/task situations.

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.

- <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-gcse-science.com/>

