

Tolkien Summer 2 2024



Design & Technology

This half-term, Tolkien class will be discovering more about material families and their properties, with a focus on woods and metals and how their characteristics can be used in production.

R.E

In the final part of the term the learners will be looking at metaphysics, including realism and idealism, dualism and monism and the influence of Platonism.

Computer Science

Maths

All students will be studying algebra in the first half of this half term. Tolkien class 2 will look at equations and inequalities: forming and solving equations, simplifying, and rearranging complex formulae. In Tolkien class 1 we will look at function machines and start to familiarise ourselves with algebraic notation and language, and how we can use algebra to solve real life problems. Next, we will learn about proofs and testing conjecture in Tolk 2, Tolk 1 will learn about lines and angles and do some accurate constructions with mathematical equipment such as a protractor and ruler. In the final week we will play maths games/ quizzes and play some board games to finish the school year.

Horticulture

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.

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.

Through this activity the pupils will gain an understanding of competition between 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.

English

This half term Tolkien will be preparing for Functional Skills exams. They will practice skills for both reading and writing and learning how to produce a creative response to a picture. They will be watching an episode of Dragons' Den and creating our own products to pitch to the Acorn Park 'dragons'. This will be part of our Speaking and Listening qualification towards Functional Skills Level 1.

Science

The second part of the summer term will see the years 8 and 9 classes exploring topics in Physics (Earth).

Big Idea: The composition of the Earth and its atmosphere and the processes occurring within them shape the Earth's surface and its climate.

They will be exploring the following units.

- Earth structure
- Universe
- Climate
- Earth's Resources

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.

History

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.

PSHE

<p><u>Citizenship.</u></p> <p>A brief history of Parliamentary democracy</p> <p>What role does the monarchy play in the UK</p> <p>Is it time for the monarchy to change?</p> <p>How does the system of parliamentary democracy fit together</p> <p>Left wing and right wing</p> <p>Political parties</p> <p>Political parties in the UK</p> <p>How do you become a member of parliament?</p> <p>Should 16-year-olds be given the vote</p> <p>What does an MP do?</p>	<p><u>Home Learning</u></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>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.</p> <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/ 	<p><u>Geography</u></p> <p>Tolkien are studying urban issues and challenges this half term. They will be looking at how a growing percentage of the world's populations lives in urban areas and the factors affecting the rate of urbanisation. They will consider how urban growth creates opportunities and challenges for cities in LICs and NEEs. They will also look at how urban change in UK cities leads to a variety of social, economic and environmental opportunities and challenges. Tolkien will consider features of sustainable urban living- considering the success and resource and transport management in case studies.</p>

<p>What's going on in the House of Commons?</p> <p>Parliamentary Quiz</p> <p>How does Parliament make laws?</p> <p>How should the House of Lords be modernised?</p> <p>Influencing government: pressure groups and lobbying</p> <p>How does the government work</p>		
	<p><u>Art</u></p> <p>During this half-term, students will be working on Summer Art by drawing Summer natural landscapes using all the Arts elements and language.</p> <p>We will be also focusing on the Olympics and Art from other Continents and creating a collaborative class Flag.</p>	<p><u>PE / Swimming</u></p> <p>Tolkien class will be taking part in Athletics this term. They will be developing the skills of running, jumping, throwing, relays and teamwork. In Running, they will be developing the ability to maintain a steady and appropriate pace during short to medium length runs. They will begin to understand how to begin a sprint from a crouched position. In Jumping they will be able to perform a basic standing long jump, focusing on swinging arms and bending knees to gain momentum. They will also begin to use appropriate arm action to maximise height. In Throwing they will be developing and mastering the skills to demonstrate a controlled underarm throw and overarm throw. In Relays and Teamwork, they will begin to understand the principles of relay races, including how</p>

			to pass a baton smoothly and safely between team members. They will be able to show good teamwork during group activities, understanding the importance of supporting and encouraging others. Later in the term, they will be developing the understanding of how to play ultimate frisbee.
<u>Acorn Activities:</u> We have a variety of activities which include Rugby , cooking , football and I.T .			