



Spring Term 2017 Class 10-11 EF Curriculum Topics

Your child will be studying the following topics:

English

Ms Haydon Group

Year 10 EF

First half term

Students are focusing on factual writing.

Recognising fact from opinion.

They will be producing their own magazines.

This involves research, analysing questions and formal writing.

Second half term.

Students are working on advertising and persuasive writing. We will focus on adjectives used to describe products and originality in their writing.

Mrs Shareef's Groups

GCSE Group EF

The term will start with revision for the January mock exam. This will cover the following learning objectives which were studied last term: Identify and interpret explicit and implicit information and ideas, evaluate texts critically and support this with appropriate textual references, explain, comment on and analyse how writers use language and structure to achieve effects and influence readers, using relevant subject terminology to support their views and finally, write imaginatively and effectively.

The focus will then turn to Paper 2, which assesses reading of unseen non-fiction texts. The following areas will be studied: Understanding of perspectives and viewpoints as well as understanding different methods writers use to convey meaning. Pupils will start to compare non-fiction texts.

Throughout the term, pupils will develop narrative techniques in writing as well as spelling and punctuation skills. They will also have chances to develop their spoken language which is an assessed component of the GCSE qualification.

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Anees will have mock exams for both Paper 1 and Paper 2. He will continue to benefit from one 1:1 session with his English teacher to further develop the skills he needs for GCSE exam this summer. He also has scheduled time every week with an additional teacher to support his learning of skills for Paper 2. Additional homework tasks may be given to him in order for him to accelerate his learning.

Mathematics

GCSE

Pupils who are studying the new GCSE will cover several topics this term. Using their assessment grid they will be able to work through their remaining objectives by following their guided learning questions. This will ensure that pupils are working on the areas most in need of practise.

The topics this term in the GCSE are:

Construction and loci: pupils will practise constructing geometric shapes using compass, pencil, protractor and rule to tolerances of +/-2mm. They will learn the basics of technical drawings including perpendicular bisectors from and to a point on a line and constructing angles to given degrees. They will also learn how to construct triangles using the three methods. They will then practise using their skills to solve spatial problems.

Throughout the topics, pupils will have opportunity to practice exam questions based on the current topic.

Pupils will also be working toward achieve their Entry Level Certificate by completing 2 of the 8 modules. The modules covered will be measures and statistics. These modules will be covered by completing a number of investigations as well as the topic sheets. Pupils will also complete the end of topic tests for these modules.

Entry Level

This term pupils will be completing two of the Entry Level modules. These modules enable pupils practise and demonstrate their numerical skills through set exercises. The modules covered are: Measures: pupils will consider different types of measurement and practise reading scales. They will practise interpreting scales with different intervals. They will also consider different methods of measurement, e.g. using weighing scales, rulers and thermometers.

Statistics: pupils will look at how to collect data using simple data collection sheets, how to organise data using tables and tally charts and how to present and interpret data using charts and averages. Pupils will also complete short assessment for each of the modules alongside an assessed activity.

Mathematics Monks Walk School

This term the group will be taking modules in geometry (covering congruence, similarity, trigonometry and Pythagoras), algebra (covering simultaneous equations), measure and probability.

Science

Pupils will continue their Key Stage 4 Science program of study by completing the initial Chemistry aspects of their respective Entry Level or GCSE courses. Pupils following the Entry Level Certificate will continue with studying the Earth's atmosphere, fuels and the impact of human activity of the atmosphere and obtaining safe drinking water.

GCSE Combined Science students will complete units 1 and 5, building blocks and building blocks for understanding.

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Science Monks Walk School

In chemistry, up until half term, pupils will be studying the concept of moles, electrolysis then oxidation and reduction. After half term the group will study reversible reactions, equilibria then Group 1 and Group 7. The work will include two core practical's. Health, disease and the development of medicines will be covered in biology. Topics to be covered in physics are radiation and nuclear fusion, followed by the solar system.

Art Monks Walk School

This term the pupils will be completing their natural forms coursework and will then move on to exploring identity. The group will be producing observational drawings, looking at the work of other artists and using their ideas and techniques in their own work

Computer Science Monks Walk School

This term the group will be covering aspects of two modules Computational Thinking and Computer Systems. Topics for the former include, Robust Programming, Computer Systems Architecture and Central Processing Units (CPU) and Embedded Systems. Topics in Computer Systems will include Encryption/Social/Ethical and Networks

Food

Pupils will be developing their practical skills and knowledge of food preparation and nutrition. They will complete many practical tasks linked into the theory work.

ELC - Pupils will continue working on short tasks. Pupils will complete more than the required number of tasks and select the best ones for submission.

GCSE - Pupils will continue studying nutrition, health and nutritional needs and will begin looking at food science. They will be completing practical tasks that build on their skills and knowledge.

Pupils will be required to bring in ingredients for the practical tasks as well as suitable containers to take dishes home in.

Graphic Products

The entry level graphic products course requires a product from a given list to be designed and made. This project can be completed in about two terms. All materials for this project will be provided in school.

History

Pupils are undertaking WJEC Eduqas GCSE in History. This consists of two components: studies in depth and studies in breadth. The two components are further broken down into two units, making a total of four units of study. All units will be assessed through examination at the end of Year 11. A Humanities Entry Pathways qualification will be available for pupils who find examinations difficult. This course will run alongside the GCSE. There are no examinations. Instead pupils' work will be submitted for assessment.

Pupils will continue to study The Development of the USA (1929-2000). This unit will cover many topics such as Great Depression, the Cold War and the Civil Rights Movement and events such as the Wall Street Crash, the Cuban Missile Crisis and the March on Washington. Pupils will investigate and analyse the social and political changes of this period. At the end of the term they will begin to look at The Voyages of Discovery and Conquest of the Americas, 1492-1522.

Humanities

GCSE

The pupil will be spend this term revising for the exams in the summer. This will involve reviewing key words and themes, practising exam questions and developing revision strategies. The pupils will be revising history (America from 1945 to 1975), geography (rivers, farming and the rainforest) and religious education (Islam and Christianity). They will undertake three exams, each worth 25% of their overall mark.

Information Communication Technology

OCR Level one creative iMedia:

Graphics iMedia - This unit will count final GCSE grade. Pupils create a Graphical DVD image for their coursework. Pupils will need to complete theory tasks before they complete the final practical project.

During this term, pupils will be moving onto creating their planned DVD cover on to the computer for creation. They will then print it out in actual DVD size and submit as part of their coursework.

OCR Level one creative iMedia:

This term pupils will be revising for their iMedia examination. The topic for the exam is pre-production skills. Pupils will use the lessons to revise and learn technical words. They will understand the purpose and use of pre-production documents needed in the media industry. The revision classes will take place as mini projects and practice exam papers.

Language and Listening

Language and listening lessons are taught in five parts. These relate to the broad areas of need from the SEN code of practice: communication and interaction; cognition and learning; social, emotional and mental health; sensory and physical needs; and independence. Each term pupils will spend a minimum of three weeks developing their skills in each area. Activities include presentations, discussions, observation, group work, thinking skills, and evaluations.

Pupils will cover a variety of topics in the summer term. In sensory and physical needs lessons, pupils will produce and present deaf and disability awareness presentations. In emotional and mental health lessons, pupils will look at what makes people laugh and produce a comedy routine. In language and communication lessons, pupils will continue to develop their outcomes set by the speech and language therapists. Cognition and learning lessons will relate to developing evaluation skills by using strategies such as summarising. In independence lessons, pupils will discuss safeguarding and the Prevent scheme.

Music Monks Walk School

Along with continuing to practice, perform and develop their music blogs, this term the group are starting a music research project, titled "Music Style Development". This will involve pupils assessing the development of a specified music style and its sub-styles.

Personal Social and Health Education

Ms Ahmet Group

Pupils will develop their listening and observational skills and oral and written communication skills, through units of work which are related to relevant areas of personal and social activity. Pupils will further develop these skills within the PSHCE (Personal, Social, Health, Citizenship and Education) framework, where students will be encouraged to become independent enquirers, creative thinkers, reflective learners, team workers and self-managers. Pupils are working towards their Personal and Social qualification. The topic this term will be learning about the benefits of healthy eating. Pupils will be completing a series of tasks that will be submitted as part of their coursework.

Mrs Wilsons Group

This term year 11 will be completing further units for the PSE course from AQA. They need to complete 4 units of work to get the award. The next unit of work will be about Drugs education. Work is recorded on worksheets which build up a portfolio of work for external assessment.

Physical Education Monks Walk School

This term the group will be continuing with the Applied Anatomy and Physiology unit, started last term. Topics covered will include the cardiovascular system, the respiratory system and energy sources. In practical sessions the group will be having blocks of basketball, swimming and trampolining.

Religious Education

Pupils are undertaking WJEC Eduqas GCSE in Religious Studies (Short Course). This comprises three components: Religious, Philosophical and Ethical Studies in the Modern World, which looks at issues of relationships and life and death; a Study of Christianity; and a Study of a World Faith. A Humanities Entry Pathways qualification will be available for pupils who find examinations difficult. This course will run alongside the GCSE. There are no examinations. Instead pupils' work will be submitted for assessment.

This term pupils will be looking at Christianity. This will cover Christian views on the nature of God, creation, Jesus Christ, salvation, and the afterlife. At the end of the term they will begin to look at Issues of Relationships.

Resistant Materials Monks Walk School

This term the students will be exploring metalwork and the various processes used in this area. They will produce a bottle opener as part of this work. Where appropriate, pupils will then be given the opportunity to do an extension project centred on creating jewellery, using 3D printing should their design call for it. Pupils will continue to develop their research skills in relation to design and also develop their ability to create and recognise a design situation, to create a design brief and create a design specification.

Sports Leaders

The Sports Leaders will continue to receive an exciting variety of challenges as part of their course. This term they will help deliver primary indoor athletics competitions, organise and run a Y3 Boccia Festival and run a Y4 Football Festival. The work will therefore involve visiting local primary schools and working with a variety of age groups.

Textiles

All pupils will be working on completing their project this term. They will then move onto a series of short practical tasks designed to build knowledge and understanding in preparation for beginning their GCSE/ELC project at the end of the summer term. Pupils may be required to source and purchase materials for these, but are encouraged to recycle wherever possible.