



Autumn Term 2016 Class 10-11 EF Curriculum Topics

Your child will be studying the following topics:

English

Ms Haydon Group Year 10 EF

Students following the Entry Level syllabus will be working up to expected standards at individual rates according to ability. We are looking at the topic 'The Future', encompassing poetry, Shakespeare, sci-fi and other genres on the syllabus.

One lesson a week will incorporate multi-sensory learning and Thursday will have one lesson focusing on reading skills.

Mrs Shareef's Group GCSE group EF

The term will start with a recap of basic reading comprehension skills. Opportunities will be taken to develop these skills with the introduction of unseen texts. Pupils will then read a selection of short stories and extracts from novels, applying reading skills to practise for English Language Paper 1, Questions 1 and 4.

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.

Assessment will be in the form of short story writing or the construction of their own successful narrative.

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Pupils will benefit from one 1:1 session with his English teacher to further develop the skills he needs for GCSE exam this summer. 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 practice.

The topics this term in the GCSE are :

Standard form: pupils will practise using standard index form to write very small and very large numbers. They will practise calculating with standard index form, using their knowledge of the base ten system to understand the effect and reasons for using it.

Calculating with percentages: pupils will work on problems using percentages, including calculating simple interest and percentage increases and decreases. Pupils will need to ensure that their knowledge of percentages, including converting between fractions, decimals and percentages is secure. They will also need to practise finding a quantity from a percentages and finding a percentage from a quantity.

Measures: Pupils will investigate different types of measures and their units, including converting between metric and imperial units. They will also begin to investigate compound measures such as rates of change.

Statistical measures: Pupils will use their previous knowledge and experience of creating statistical projects to analyse data using the three averages and range. They will be required to compare two data sets and describe their distribution, and conclude what this means for the data sets they are comparing.

Indices: Pupils will spend time developing their skills in the manipulation of indices in calculations and the effect that powers have on answers.

Construction and loci: pupils will practise constructing geometric shapes using compass, pencil, protractor and rule to tolerances of $\pm 2\text{mm}$. 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 practise exam questions based on the current topic.

Pupils will also be working toward achieving their Entry Level Certificate by completing 2 of the 8 modules. The first two modules are concerned with basic numerical skill, including written arithmetic and rounding.

Entry Level

This term pupils will be completing three of the Entry Level modules. These modules enable pupils practise and demonstrate their numerical skills through set exercises. The modules covered are:

Properties of number: pupils will spend time ensuring they understand and are secure with the base ten system, that they can round to any given accuracy and that they are able to understand 'limits' when rounding.

The four operators: pupils will spend time practising their written and mental arithmetic. They will practise solving problems beyond the standard 12×12 times tables through using logical methods of multiplying up. Pupils will also be able to practise their number bond skills and develop their response times for mental addition and subtraction. Pupils will look at written problems and will practise reading for information, allowing them to solve contextual problems accurately.

Ratio: Pupils will begin to experiment with the concept of equal and of a whole and how this can change as numerical values change. This will then lead to pupils beginning to investigate the meaning of fractions, both pictorially and numerically.

Pupils will also complete short assessment for each of the modules alongside an assessed activity.

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. The organisation of the Periodic table, the structure of the atom, electronic configuration and the differences between atoms, elements and compounds will be taught as well as related practical opportunities.

One pupil is studying OCR GCSE Science to be completed this year. The controlled assessment aspects of this qualification will be undertaken during the first half of the Autumn term before continuing with completing the Biology, Chemistry and Physics strands of the course.

Art

This term pupils will begin by looking at Pop Art, including studying how it developed, the range of work produced by the most influential artists and its influence on modern art and design. They will research and record information in their sketchbooks and produce an original piece of work in the Pop Art style.

Art Monks Walk School

This term the pupils will be looking at still life and natural forms. They will be developing foundation skills such as painting, drawing, experimenting with different materials and techniques, artist research, and responding to artists. This work will lead to a final outcome.

Computer Science Monks Walk School

This term the groups are exploring "Computational Thinking". The following topics will be covered: Algorithms, Abstraction, Decomposition, Binary Conversions, Basic Programming, Computer Systems Architecture and Embedded Systems.

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 begin the first short task. This is the first of three tasks required to complete the course.

GCSE - Pupils will begin studying nutrition, health and nutritional needs. 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.

Textiles

All pupils will begin the same project this term. The project is to design and make an Ugly doll. The designs must be inspired by existing designs but also try to be as original as possible. Pupils are encouraged to use websites, such as Pinterest, to gather inspirational material.

Pupils may be required to source and purchase materials for this project but are encouraged to recycle wherever possible.

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.

Drama Monks Walk School

In the first term pupils will be working on building their knowledge and skills and becoming familiar with specific terminology. This will form a solid foundation for moving onto devising work that will initially be teacher led before pupils undertake their own devised project later in the academic year.

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 are currently studying 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.

Information Communication Technology

OCR Level one creative iMedia:

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

Language and Listening

Language and listening lessons are taught in four parts. These relate to the four broad areas of need from the SEN code of practice: communication and interaction; cognition and learning; social, emotional and mental health and sensory and physical needs. Each term pupils will spend 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 autumn term. In sensory and physical needs lessons, pupils will refresh their understanding listening equipment maintenance and produce a deaf awareness films. In social emotional and mental health lessons, pupils will use the Steps de-escalation script and 'Roots and Fruits' tree (these can now be found at the back of their planner) to help resolve issues with others. In cognition and learning lessons will relate to collective memory. Finally, in communication and interaction lessons, pupils will be looking at social communications skills.

Music Monks Walk School

The group will start to develop the skills in planning, performing and reflection that they require to be successful on this course. The lessons will include regular practical sessions where the group members explore performing as ensembles. The initial piece to be worked on is "Chasing Cars". At the start of term all pupils will set up a blog, to which they must regularly contribute, to build up evidence of the planning, rehearsal, performing and analysis which they carry out.

Personal Social and Health Education

Ms Ahmet Group

This term pupils will be covering the following topics as they work towards their Level 1 qualification in Personal and Social Education. The course aims to give pupils a background of knowledge and understanding in relation to personal, social and health education. They will be encouraged to apply their knowledge and understanding in making decisions. The units of study aim to promote self-development through encouraging pupils to be aware of their own strengths and areas for improvement, and the choices and opportunities available to them. A further aim is to enhance pupils' awareness of spiritual, moral, ethical, social and economic issues.

Units of work this term will include:

Healthy Lifestyle - Pupils will develop their understand the importance of healthy diet and exercise. They will look at a selection of health related issues and how to access specialist support.

Mrs Wilsons Group

This term year pupils will be completing units for the PSE course from AQA. They need to complete 4 units of work to get the award. The first unit of work will be about healthy lifestyles.

Physical Education Monks Walk School

This term the group will start by exploring health, fitness and well-being before starting an applied anatomy and physiology unit in the second half of the term. In practical sessions the group will be having two 7 week blocks of football followed by table tennis.

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.

Resistant Materials Monks Walk School

This term the group will be developing their sketching and rendering techniques (in two point perspective), learning about wood, sustainability in relation to wood and manufactured board, analysing a brief and creating a specification. Pupils will be learning how to produce basic wood joints, and how to use a range of machinery including the laser cutter and milling machine as well as how to finish wood.

Sports Leaders

Pupils will be working towards the level 1 Sports Leaders qualification. This term the group will undertake a mixture of theory and practical activities to broaden their subject knowledge and explore strategies enabling them to coach, teach and lead younger students.