

Subject area **Department**
HoD **HOD email**
Department staff

Year group **Option** **Subject name**
Periods/week **Qualification**
Weblink

Overview

Units studied

Assessment

Other info

Subject area	Art/Technology	Department	Art/Technology
HoD	Miss H Evans	HOD email	hevans@airedaleacademy.com
Department staff	H Evans, N Amos, S Stanley and S Worrilow		

Year group	11	Option		Subject name	GCSE Catering
Periods/week	2	Qualification	WJEC GCSE Catering		
Weblink	http://www.wjec.co.uk/qualifications/hospitality-and-catering/				

Overview

The GCSE Catering specification offers a unique opportunity for candidates to develop their knowledge and extend their skills within catering in a vocational context. It is a suitable qualification for those who want a broad background in this area and for those who wish to progress to further education.

Units studied

GCSE Catering requires learners to demonstrate knowledge and understanding of:

- the industry: accommodation; food and beverage; front of house
- the types of products and services provided
- a range of customer groups
- job roles, career opportunities and relevant training
- appropriate forms of communication within the industry
- the importance of record keeping
- the range of equipment used in the hospitality and catering industry.

Assessment

Unit 1: TWO practical tasks (controlled assessments) that pupils research, plan and evaluate.
Unit 2: ONE written paper of 1¼ hours externally set and marked.

Other info

Subject area	Art/Technology	Department	Art/Technology
HoD	Miss H Evans	HOD email	hevans@airedaleacademy.com
Department staff	H Evans, N Amos, S Stanley and S Worrilow		

Year group	11	Option		Subject name	GCSE Product Design
Periods/week	2	Qualification	AQA GCSE Product Design		
Weblink	http://web.aqa.org.uk/qual/newgcscs/dandt/new/product_overview.php				

Overview

Pupils who opt to study Product Design at GCSE will have the opportunity to develop and expand the skills they learnt in Key Stage 3. Year 9 & 10 concentrate on honing skills such as investigating design opportunities, developing design proposals, making, testing and evaluating and communication. Year 11 focuses on using these skills to complete a final Controlled Assessment which accounts for 60% of the final qualification.

Units studied

- 1) The evolution of product design,
- 2) Meeting consumer needs,
- 3) Design in practice,
- 4) Packaging and marketing,
- 5) Design in human context,
- 6) Global responsibility,
- 7) Product manufacture,
- 8) The use of ICT in production,
- 9) Manufacturing processes,
- 10) Sources and properties of materials,
- 11) Manipulating and combining materials.

Assessment

Written paper: 40% of total marks. 120 marks, 2 hours

Controlled Assessment: 60% of total marks.

A single design-and-make activity selected from a choice of set tasks, consisting of the development of a made outcome and a concise design folder and/or appropriate ICT evidence.

Other info

Subject area	Business	Department	Business
HoD	Mr L Wharin	HOD email	lwharin@airedaleacademt.com
Department staff	L Wharin, S Wharin and C Coleyshaw		

Year group	11	Option		Subject name	GCSE Business Studies
Periods/week	2	Qualification	GCSE Business Studies		
Weblink	http://www.edexcel.com/quals/gcse/gcse09/Business/				

Overview

Students of our Applied Business GCSE will:

- actively engage in the study of business to develop as effective and independent students and as critical and reflective thinkers with enquiring minds
- develop and apply their knowledge, understanding and skills to contemporary issues in a range of local, national and global contexts
- appreciate the range of perspectives of different business stakeholders
- consider the extent to which business activity can be ethical and sustainable.

Units studied

The business world is constantly changing. The new course has been updated to give pupils the chance to learn about these changes as well as covering conventional material. There are two units to study on this course.

Unit 1

This unit is an investigation into what business enterprise is all about, including how businesses are organised and how people are involved. It also looks at new issues such as 'ethical' and 'green' business. You will focus on one local and one national or international business.

Unit 2

This unit focuses on how businesses record financial transactions, make payments and keep records of how they are doing. You will learn about balance sheets, profit and loss accounts and how to use these to understand business performance in a practical context.

Assessment

Unit 1 60% Controlled Assessment:

Pupils will carry out an investigation into you their two chosen businesses and will use the information gathered to respond to tasks set by the examining board. These tasks will be published in advance so that you will know what to expect. The completed tasks will be submitted to the exam board once they have been marked by your teachers.

Unit 2 40% Examination:

Pupils will apply their learning to the questions asked in an externally assessed test.

Other info

Subject area	<input type="text" value="Dance"/>	Department	<input type="text" value="Dance"/>
HoD	<input type="text" value="Mrs R Kelly"/>	HOD email	<input type="text" value="rdavies@airedaleacademy.om"/>
Department staff	<input type="text" value="R Kelly"/>		

Year group	<input type="text" value="11"/>	Option	<input type="text" value=""/>	Subject name	<input type="text" value="GCSE Dance"/>
Periods/week	<input type="text" value="2"/>	Qualification	<input type="text" value="AQA GCSE Dance"/>		
Weblink	<input type="text" value="http://web.aqa.org.uk/qual/newgcse/art_dan_dra_mus/new/dance_overview2.php"/>				

Overview

•The course promotes fitness, a healthy lifestyle, team working and creativity. It actively engages students in the process of dance in order to develop as effective and independent learners and as critical and reflective thinkers with enquiring minds

Units studied

Unit 1 - Critical Application 20% written examination
Unit 2 - Performance of a set dance 20% Practical examination
Unit 3 - Performance in a Duo / Group 20% Controlled assessment
Unit 4 - Choreography 40% Controlled assessment.

Assessment

External exam, 1 hour written paper and controlled assignments
Greater focus on practical work with 80% of the total marks for performance and choreography and the written exam only 1 hour

Other info

Lots of extra curriculum activities on offer.
Opportunities for live performances and theatre trips.
Whole school productions and visitor workshops.

Subject area	Drama	Department	Drama
HoD	Mr R Billings	HOD email	rbilling@airedaleacademy.com
Department staff	R Billings, T Bell, R Nickerson		

Year group	11	Option		Subject name	BTEC Performing Arts
Periods/week	3	Qualification	BTEC First in Performing Arts (Acting)		
Weblink	http://www.edexcel.com/quals/firsts2012/performing-arts/Pages/default.aspx				

Overview

Performing Arts is a practical based subject which allows pupils to develop their skills in a number of areas.

Units studied

Unit 1 Individual showcase 30GLH
Externally assessed- Learners will complete a letter of application and a presentation / audition in response to a selected progression opportunity.

Unit 2 Preparation, Performance and production 30GLH
Develop a performance piece as a member of a fictional performance company. Develop skills in preparation, production and performance.

Assessment

Both Internal and external. Assignments and live performances.

Other info

There are lots of extracurricular activities on offer with opportunities for live performances and visits to the theatre. There are whole school productions and visitor workshops to take part in.

Subject area	<input type="text" value="Drama"/>	Department	<input type="text" value="Drama"/>
HoD	<input type="text" value="Mr R Billings"/>	HOD email	<input type="text" value="rbilling@airedaleacademy.com"/>
Department staff	<input type="text" value="R Billings, T Bell, R Nickerson"/>		

Year group	<input type="text" value="11"/>	Option	<input type="text" value="Subject name"/>	<input type="text" value="GCSE Drama"/>
Periods/week	<input type="text" value="2"/>	Qualification	<input type="text" value="Edexcel GCSE Drama"/>	
Weblink	<input type="text" value="http://www.edexcel.com/migrationdocuments/GCSE%20New%20GCSE/UG030946_GCSE_Drama_Spec_2012.pdf"/>			

Overview

Practical based subject

Units studied

Unit 1 - Drama Exploration (30% of the GCSE)

Overview of content

The student will explore a devised topic/theme/issue.

Overview of assessment

Students will take part in a six-hour practical exploration.

Students will produce a documentary response (recommended maximum 2000 words)

Unit 2 - Exploring Play Texts (30% of the GCSE)

Overview of content

The student will study using explorative strategies a full and substantial play text.

The student is required to experience live theatre as a member of the audience.

Overview of assessment

Students will take part in a six-hour practical exploration of the play text.

Students will produce a documentary response to practical exploration (recommended maximum 1000 words)

Students will produce a documentary response to live theatre (recommended maximum 2000 words)

Unit 3 - Drama Performance (40% of the GCSE)

Overview of content

To allow the student to demonstrate knowledge and understanding of practical drama skills through their application in a live performance and to communicate to an audience.

Overview of assessment

Students will present their work as either performers or performance support students in a single performance to an examiner appointed by Edexcel.

Assessment

Other info

There are lots of extracurricular activities on offer with opportunities for live performances and visits to the theatre. There are whole school productions and visitor workshops to take part in.

Subject area	English	Department	English
HoD	Mrs L Reader	HOD email	lreader@airedaleacademy.com
Department staff	L Reader, C Sansom, J Healy, G Skyner, A Varley, K Wilson, A Blaikie, S Smyth, K Field, V Lewis. A Fowler		

Year group	11	Core	Subject name	English Literature
Periods/week	2	Qualification	WJEC GCSE English Literature	
Weblink	http://www.wjec.co.uk			

Overview

The GCSE English Literature course allows students to gain a wealth of knowledge and understanding of prose, poetry and drama. Students will be given the opportunity to read texts ranging from the 19th Century to the modern day meaning that students are gaining a broad sense of our literary heritage whilst also learning to appreciate the works of modern writers.

Students are assessed on their ability to engage and respond to texts, recognise the language and stylistic features used by writers and also understand the social and historical contexts of the different texts.

The texts have been chosen to engage and interest students whilst also allowing them to build their skills of analysis and empathy.

Recently, spelling, punctuation and grammar has also been added to mark schemes of the English Literature examination meaning that students need to have secure written accuracy in order to reach their full potential in this subject. Our schemes of work have been designed to ensure that these skills are practised and built upon within lesson, however, revision after school and at home will allow students to enhance their written accuracy further

Units studied

Unit 1: John Steinbeck's Of Mice and Men & Unseen Poetry
Unit 2: J B Priestley's 'An Inspector Calls' and Nick Hornby's About a Boy
Unit 3: Shakespeare and 'Loss'

Assessment

Examined Units (75%)

Controlled Assessment (25%)

Students will be engaged in studying a Shakespeare play alongside a range of poetry linked by the theme of 'loss' The completed controlled assessment of this linked text study is worth 25% of the pupils' GCSE grade for English Literature.

Other info

Controlled assessment must be completed independently, though students will be given support and preparation time in class. Catch-up sessions are available after school for students who have missed lesson time and need to make up their writing time. Please contact your child's English teacher if you have any concerns or would like to support your child with their English Literature studies.

Revision materials to complement classroom teaching can be provided by class teachers and CGP revision guides are also available to order.

Subject area	English	Department	English
HoD	Mrs L Reader	HOD email	lreader@airedaleacademy.com
Department staff	L Reader, C Sansom, J Healy, G Skyner, A Varley, K Wilson, A Blaikie, S Smyth, K Field, V Lewis. A Fowler		

Year group	11	Core	Subject name	GCSE English Language
Periods/week	5	Qualification	WJEC GCSE English Language	
Weblink	http://www.wjec.co.uk/index.php?subject=51&level=7			

Overview

The GCSE English course provides students with the opportunity to explore a wealth of written language and create their own pieces of writing. There is plenty of variety in terms of the topics and skills covered, meaning all students are able to flourish in the subject.

Spelling, punctuation and grammar are assessed heavily in both the exam and the controlled assessments, so it is vital all students are as confident as possible in these areas. Reading at home will improve students' own written work, and therefore should be encouraged as a priority. Reading non-fiction texts such as newspapers, magazines and online blogs will deepen students' understanding of the world around them and strengthen their repertoire of writing skills.

Units studied

Narrative Writing – students learn how to craft detailed stories and first-person narratives. They study setting, character and narrative structure, as well as improving their basic writing skills. The assessed piece is included in the controlled assessment folder.

Descriptive Writing – in this unit students have the opportunity to use their imaginations to create a carefully crafted description of a familiar scene. This leads to a piece of assessed work.

Of Mice and Men – students study this American novel as a class and have the opportunity to undertake research into related themes such as Segregation and Immigration, and explore how life was for minority groups in 1930s America. This is an extremely important text for pupils, as it is assessed on the Literature Examination and as a piece of controlled assessment worth a significant percentage of the Language GCSE.

Spoken Language Study – students are required to study the use of spoken language in a range of contexts. This is an enjoyable module which is research based. Pupils are then required to focus on the language of celebrity and chat shows, and undertake a controlled assessment worth 10% of the GCSE, usually focussing a conversation between Jonathan Ross and Lady Gaga.

Speaking and Listening – students complete at least three formally assessed Speaking and Listening units over the GCSE course, which are reported as a separate grade on their final GCSE certificate. This module covers a range of topics which are often linked to students' interests and hobbies.

Assessment

60% terminal exam – Reading and Writing – non-fiction

40% controlled assessment – Narrative, Descriptive, Of Mice and Men and Spoken Language.

Other info

Controlled assessment must be completed independently, though students will be given support and preparation time in class. Catch-up sessions are available after school for students who have missed lesson time and need to make up their writing time. Please contact your child's English teacher if you have any concerns or would like to support your child with their English study.

Subject area	French	Department	French
HoD	Mr S Le Gall	HOD email	slegall@airedaleacademy.com
Department staff	S Chambers, S Le Gall and K McCarthy		

Year group	11	Core	Subject name	GCSE French
Periods/week	2	Qualification	Edexcel GCSE French	
Weblink	www.edexcel.com			

Overview

Students will work towards completion of their French GCSE. They will work on all 4 key-skills of writing, listening, reading and speaking. They will be introduced to the concept of controlled assessments in writing and speaking.

Units studied

Common topics studied in the GCSE syllabus are holidays, work experience, personal information, school and future plans as well as leisure activities.

Assessment

GCSE assessments are divided between writing and speaking which are controlled assessments (All students are completing work during lessons and work is eventually externally assessed by the exam board) and reading and listening who are reviewed throughout the year but are assessed at the end of the year.

- Speaking (2 assessments): each assessment worth 15% of GCSE
- Writing (2 assessments): each assessment worth 15% of GCSE
- Reading (1 assessment): worth 20% of GCSE
- Listening (1 assessment): worth 20% of GCSE

Other info

Subject area	Geography	Department	Geography
HoD	Miss D Forrester	HOD email	dforrester@airedaleacademy.com
Department staff	D Forrester, R Dudderidge, M Leake, K Elliott, M Parkin		

Year group	11	Core	Subject name	GCSE Geography
Periods/week	2	Qualification	AQA GCSE Geography	
Weblink	www.aqa.org.uk/GeogA			

Overview

GCSE geography has a focus on the geographical processes that shape our world through a study of physical and human geography in discrete, self contained topic areas. The use of topical case studies ensures that the subject remains relevant to the ever changing world in which we live. In addition, it provides the opportunity to develop communication; map; ICT; Interpersonal; literacy; numeracy; problem solving and entrepreneurial skills.

This qualification lays an appropriate foundation for further study of geography or related subjects. Furthermore, it provides a worthwhile course for candidates of various ages and backgrounds in terms of general education and lifelong learning.

Units studied

The Restless Earth: The key ideas studied are:

- The Earth's crust is unstable, especially at plate margins.
- Unique landforms occur at plate margins.
- People use these landforms as a resource and adapt to the conditions within them.
- Volcanoes are hazards resulting from tectonic activity. Their primary and secondary effects are positive as well as negative. Responses change in the aftermath of an eruption.
- Supervolcanoes are on a much bigger scale than other volcanoes and an eruption would have global consequences.
- Earthquakes occur at constructive, destructive and conservative plate margins.
- The effects of earthquakes and responses to them differ due to contrasts in levels of wealth.
- Tsunamis are a specific secondary effect and can have devastating effects in coastal areas.

Local Fieldwork Investigation

This controlled assessment requires candidates to use fieldwork to investigate one question or hypothesis at a local scale. Primary data collection must take place within the investigation. Candidates will submit an extended piece of work prepared under controlled conditions.

Assessment

Pupils are assessed throughout the course by a combination of regular exam practice (at home and in class) and end of unit tests which are completed in the classroom.

The final examination will be sat in the summer term of Year 11. Students will sit one Human Paper exam worth 37.5% and one Physical paper exam worth 37.5%. The final 25% will be assessed by the Controlled Assessment which will be completed in lesson time during the Autumn term in Year 11.

Other info

The students will complete a fieldwork study to Malham in the Yorkshire Dales. This will count towards their Controlled Assessment mark.

Subject area	Health and Social Care	Department	Health and Social Care
HoD	Mrs C Shillito	HOD email	cshillito@airedaleacademy.com
Department staff	C Shillito, M Sanderson, E Harrap		

Year group	11	Option		Subject name	BTEC Health and Social Care
Periods/week	2	Qualification	BTEC Level 2 Diploma in Health and Social Care		
Weblink	http://www.edexcel.com/quals/firsts/hsc/Pages/default.aspx				

Overview

This course is aimed at anyone who has an interest in working with people of all ages, in one of the many caring professions. The course will prepare students for the different types of jobs within the health and social care sector and for study at a higher level.

This course will appeal to you if you:

- Have a keen interest in Health and Social services and how they operate.
- Enjoy studying a subject that is relevant to your life and experiences.

You will follow a programme of study that enables progression to further courses and employment in the health and care services, and have the opportunity to develop key skills which are highly valued by employers and further education providers.

Units studied

Unit 1 – Communication in Health and Social Care

The aim of this unit is to enable students to gain the knowledge, understanding and practical skills they need to be able to communicate effectively within a health and social care environment. Throughout this unit students will investigate and learn about different forms of communication, understand barriers to communication and be able to communicate effectively.

Unit 2 – Individual Rights in Health and Social Care

In this unit students gain a knowledge and understanding of the issues that need to be considered when working in health and social care environments within a multicultural society. Students will investigate the many factors that contribute to a diverse and equal society and the principles and values which underpin the support given to individuals.

Unit 4 – Ensuring Safe Environments in Health and Social Care

The aim of this unit is to enable students to explore the knowledge and skills related to health and safety issues, including legislation in health and social care environments, risk assessment and the actions that are necessary to minimise potential hazards and risks.

Unit 10 – Health and Social Care Services

The aim of this unit is to enable students to gain knowledge and understanding of how health and social care services are provided and develop an insight into government policies which underpin service delivery.

Assessment

This course is entirely coursework focused and students receive regular feedback on their progress. The

Subject area **Department**
HoD **HOD email**
Department staff

work is then internally and externally verified. Students can achieve grade pass, merit, distinction or distinction*

Other info

Controlled assessment must be completed independently, though students will be given support and preparation time in class. Catch-up sessions are available after school for students who have missed lesson time and need to complete assignments.

At the end of the course with further training or study, you can go into a career such as nursing, social work or Early Years Management.

Subject area	History	Department	History
HoD	Miss L Snaith	HOD email	lsnaith@airedaleacademy.com
Department staff	L Snaith, H Tordoff, S Wheatley and N Kelly		

Year group	11	Core	Subject name	GCSE History - Modern World
Periods/week	2	Qualification	OCR GCSE History	
Weblink	http://www.ocr.org.uk/qualifications/type/gcse_2012/hss/history_b/			

Overview

History fires pupils' curiosity and imagination, moving and inspiring them with the dilemmas, choices and beliefs of people in the past. It helps pupils develop their own identities through an understanding of history at personal, local, national and international levels. It helps them to ask and answer questions of the present by engaging with the past. Pupils find out about the history of their community, Britain, Europe and the world. They develop a chronological overview that enables them to make connections within and across different periods and societies. The History department at Airedale Academy is pleased to be able to offer two options for our students to study. The SHP focuses on the American West and Medicine through time where as the OCR Modern World focuses on developments from 1890-1945 including the peace treaties after WWI and the build up to WWII

Units studied

The Nazi regime: how effectively did the Nazis control Germany, 1933–1945?

Term One:

How much opposition was there to the Nazi regime?

How effectively did the Nazis deal with their political opponents?

How did the Nazis use culture, propaganda and the mass media to control the people?

Why did the Nazis persecute many groups in German society?

Term Two:

Controlled Assessment.

?

Key Question The Nazi regime: what was it like to live in Nazi Germany?

Term 3:

What was the purpose of the Hitler Youth?

How successful were Nazi policies towards women and the family?

Were most people better off under Nazi rule?

How did the coming of war change life in Germany?

Assessment

Students will be assessed on a half-termly basis using a combination of end of unit tests and level assessed pieces of writing.

Other info

Subject area	History	Department	History
HoD	Miss L Snaith	HOD email	lsnaith@airedaleacademy.com
Department staff	L Snaith, H Tordoff, S Wheatley and N Kelly		

Year group	11	Core	Subject name	GCSE History - Schools History Project
Periods/week	2	Qualification	OCR GCSE History	
Weblink	www.ocr.org.uk/qualifications/type/gcse_2012/hss/history_a/			

Overview

History fires pupils' curiosity and imagination, moving and inspiring them with the dilemmas, choices and beliefs of people in the past. It helps pupils develop their own identities through an understanding of history at personal, local, national and international levels. It helps them to ask and answer questions of the present by engaging with the past. Pupils find out about the history of their community, Britain, Europe and the world. They develop a chronological overview that enables them to make connections within and across different periods and societies. The History department at Airedale Academy is pleased to be able to offer two options for our students to study. The SHP focuses on the American West and Medicine through time where as the OCR Modern World focuses on developments from 1890-1945 including the peace treaties after WWI and the build up to WWII

Units studied

Term 1
What happened at the Battle of the Little Big Horn and did it solve any problems for the Indians?
Why did the Indians lose control of the Plains?

Term 2
An introduction to the controlled assessment-Local study based around Ferrybridge.
A site visit
Controlled Assessment

Term 3
Revision of the course in preparation for Final exams.

Assessment

Students sit two final examinations. They will also have their controlled assessment unit. During the course they will be informally assessed on a half-termly basis using a combination of end of unit tests and level assessed pieces of writing.

Other info

Trips taken to the Thackray Medical Museum, theatre production on Medicine through time and a site visit to Ferrybridge.

Subject area	IT	Department	IT
HoD	Mrs L Robinson	HOD email	lrobinson@airedaleacademy.com
Department staff	Robinson, S Dakin and J Colleyshaw		

Year group	11	Option		Subject name	BTEC IT
Periods/week	2	Qualification	BTEC First Award Information and Creative Technology		
Weblink	http://www.edexcel.com/quals/firsts2012/information-and-creative-technology/Pages/default.aspx				

Overview

The BTEC First Award In ICT aims to inspire and enthuse learners to become technology savvy producers of technology products and systems and not just consumers. It gives pupils the opportunity to explore the fundamentals of technology and gain the practical skills, knowledge and understanding to design, make and review information technology systems and creative technology products.

Units studied

Unit 1: Online World. In this unit you will investigate online services and online communication, components of the internet and how digital devices exchange and store information and issues with operating online.

Unit 3: Digital Portfolio. In this unit you will design a digital portfolio, create and test a digital portfolio and review the digital portfolio. You will showcase your CV and projects you have completed in ICT.

Unit 6: Digital Graphics. In this unit you will understand the applications and features of digital graphic products, design digital graphic products and create, test and review digital graphic products. You will design and showcase a variety of graphics for a company.

Unit 7: Digital Video: In this unit you will understand the applications and features of digital video products, design a digital video product and create, test and review a digital video product. You will advertise the school production Fame.

Assessment

Unit 1 is an online test (25%)
Unit 3 is controlled assessment (25%).
Unit 6 is controlled assessment (25%).
Unit 7 is controlled assessment (25%).

Other info

Subject area	IT	Department	IT
HoD	Mrs L Robinson	HOD email	lrobinson@airedaleacademy.com
Department staff	Robinson, S Dakin and J Colleyshaw		

Year group	11	Option		Subject name	BTEC Media
Periods/week	2	Qualification	BTEC First Award in Creative Digital Media Production		
Weblink	http://www.edexcel.com/quals/firsts2012/cdmp/Pages/default.aspx				

Overview

BTEC Firsts in Creative Digital Media Production aims to provide a practical, real-world approach to learning and develop specific knowledge and skills learners need to work successfully in the Media industry. The qualification allows students to develop an understanding about the digital media sector and its many products. It also requires students to research, plan and present ideas for a new digital media product in response to a client brief.

Units studied

Unit 1: Digital Media Sectors and Audiences – in this unit, learners will explore the digital media industry and all the five key sectors that fall under it (Digital Moving Image, Digital Audio Production, Digital Publishing, Website Production and Digital Games Production). They will also explore the different types of audiences and how audiences can engage with each sector.

Unit 2: Planning and Pitching a Digital Media Product – in this unit, learners will use their verbal, written and visual communication skills to enable them to formulate, develop and pitch ideas for a product, which they then plan to produce.

Unit 3: Digital Moving Image Production – in this unit, learners investigate key features of digital moving image productions, including structures and generic conventions. Practical production focuses on the use of camerawork and how it is used to convey meaning in a specific product.

Unit 7: Digital Games Production – in this unit, learners will gain knowledge of 2D and 3D digital games platforms and audiences. Learners will then chose either a 2D or 3D game as the focus for practical production and will create pre-visuals for it as well as documenting all aspects of the game and the requirements of the player. A working game demo will be produced using assets that are placed in a game engine.

Assessment

Unit 1 is an online test (25%)
Unit 2 is controlled assessment (25%).
Unit 3 is controlled assessment (25%).
Unit 7 is controlled assessment (25%).

Other info

Subject area	IT	Department	IT
HoD	Mrs L Robinson	HOD email	lrobinson@airedaleacademy.com
Department staff	Mrs Robinson, S Dakin and J Colleyshaw		

Year group	11	Option		Subject name	GCSE Computing
Periods/week	3	Qualification	OCR GCSE Computing		
Weblink	http://www.ocr.org.uk/qualifications/gcse-computing-j275-from-2012/				

Overview

Computing is fast becoming a part of curriculums in schools, with the advancement of technology and with the need for more technical people in many work areas. GCSE Computing is an introduction to the world of computers and similar devices, how they work, how they communicate, and how we make them work. With elements of computer hardware, software, networking, programming and study of technology in society this is perfect for developing not only an understanding of technology, but of logical thinking and problem solving.

Units studied

Unit A451 - Computer systems and programming
Unit A452 - Current trends in computing (Controlled Assessment)
Unit A453 - Programming project (Controlled Assessment)

Assessment

Unit A451 is worth 40% of the overall grade (Written paper, examiner verified)
Unit A452 is worth 30% of the overall grade (centre marked and examiner verified)
Unit A453 is worth 30% of the overall grade (centre marked and examiner verified)

Other info

GCSE Computing is part of the EBacc.

Subject area	Maths	Department	Maths
HoD	Mr M Loftus	HOD email	mloftus@airedaleacademy.com
Department staff	M Loftus, S Moore, C Eastwood, D Lockett, M Arbon, M Robinson, R Taylor and B Coleman		

Year group	11	Core	Subject name	GCSE Mathematics
Periods/week	4/5	Qualification	GCSE Maths	
Weblink	http://www.aqa.org.uk/subjects/mathematics/gcse			

Overview

In previous years students will have covered all of the knowledge and skills necessary to be able mathematicians.

In Year 11, we concentrate upon developing the knowledge, skills and understanding of mathematical methods and concepts to ensure success in public exams.

Using knowledge and understanding to make connections between mathematical concepts applying the functional elements of mathematics in everyday and real-life situations.

Students receive 4 or 5 periods per week of lessons depending on band

Units studied

In Year 11, we concentrate upon developing the knowledge, skills and understanding of mathematical methods and concepts to ensure success in public exams, including:

- Number
- Algebra
- Geometry
- Measures
- Statistics
- Probability

Assessment

Weekly past papers. November, March and June entry Edexcel 1MA0 Mathematics paper

Other info

Revision sessions provided Tues, Weds and Thurs from 2.35 – 3.35.

Mymaths Booster Packs can be found using
login: airedale and
password: triangle523

These contain online lessons and revision practice

Subject area	Music	Department	Music
HoD	G Woodfine	HOD email	gwoodfine@airedaleacademy.com
Department staff	G Woodfine		

Year group	11	Option		Subject name	GCSE Music
Periods/week	2	Qualification	AQA GCSE Music		
Weblink	http://web.aqa.org.uk/qual/newgcse/art_dan_dra_mus/new/music_overview2.php				

Overview

In GCSE Music, students build on their knowledge, understanding and skills from KS3. They attend weekly instrumental lessons to prepare them for their solo and ensemble performances throughout the course. The key areas of study include rhythm and metre, harmony and tonality, texture and melody, timbre and dynamics, structure and form which will be explored through western classical music, popular music of the 20th and 21st centuries and world music. Students will demonstrate their knowledge of these in the listening exam and composition units of coursework.

Units studied

Unit 1: Listening and appraising
Unit 2: Composing and appraising
Unit 3: Performing music
Unit 4: Composing music

Assessment

Unit 1: 1 hour listening examination
Unit 2: Composition and appraisal
Unit 3: Solo performance and ensemble performance
Unit 4: Composition (25 hours to complete under supervision)

Other info

Students would benefit from taking Graded examinations on their music instrument/voice.

Subject area	PE	Department	PE
HoD	Mrs K Ball/Mr R Singleton	HOD email	kball@airedaleacademy.com/rsingleton@
Department staff	K Ball, R Singleton, E Ward and A Dean		

Year group	11	Option		Subject name	BTEC Sport
Periods/week	2	Qualification	BTEC First in Sport		
Weblink	http://www.edexcel.com/quals/firsts10/sport/Pages/default.aspx				

Overview

The BTEC First In Sport qualification is very demanding with an average of 70% of the teaching time being spent in the classroom. Throughout the course students will develop both their theoretical and practical understanding of sport as well as enhancing their independent learning skills, time management, group work skills, communication, ICT skills and literacy skills.

Students will have the opportunity to take part in a range of sporting activities which are closely related to the assignments that they will be completing. Students will be expected to adapt to different roles within the sporting industry such as coaches, sports leaders, analysts and much more. The variety of activities covered with the course will enable students to gain a clear insight into possible future education and employment pathways available to them in the sports industry.

Units studied

The BTEC First In Sport qualification covers a wide range of topics. Students will develop their knowledge in the following areas:

- **Anatomy & Physiology:** Students will learn about the function of the main systems of the body and how these systems are used during exercise.
- **Fitness Testing & Training:** Students will learn about a range of fitness tests used to measure an athlete's sporting prowess. They will be expected to take part and conduct these tests alongside their classmates.
- **Practical Sport:** Students will analyse the tactics, skills, rules and techniques used in a selected team and individual sport. They will be expected to take part in practical sessions linked to their assignment.
- **Nutrition for Sports Performance:** Students will learn how to prepare for sporting competitions and events. They will understand how a balanced and healthy diet can affect sports performance.
- **Effects of Exercise:** Students will learn about how the effects of exercise can impact upon the bodies main systems. They will link this knowledge with previous learning to complete a detailed assignment.
- **Development of Personal Fitness:** Students will produce an individual training programme which is linked to their specific requirements. They will be expected to design and take part in practical sessions linked to their PEP.
- **Leading Sport Activities and Planning & Leading a Sports Events:** Students will develop their knowledge and understanding of how to lead sports sessions and organise a sporting event. They will visit local primary schools to deliver skills sessions to groups of students and take ownership of running a sports tournament.

Assessment

The BTEC First In Sport Diploma is 100% coursework. Students will be given either a Pass, Merit or Distinction grade for each assignment. Students will then be given an overall unit grade when each task has been completed. Students will be given an overall grade based on the portfolio of units they submit at the end of year 11.

Other info

Subject area	PE	Department	PE
HoD	Mrs K Ball/Mr R Singleton	HOD email	kball@airedaleacademy.com/rsingleton@
Department staff	K Ball, R Singleton, E Ward and A Dean		

Year group	11	Core	Subject name	PE
Periods/week	2	Qualification	None	
Weblink	None			

Overview

The Physical Education curriculum at Airedale Academy enables all pupils to enjoy and succeed in many kinds of physical activity. Students will develop a wide range of skills and the ability to use tactics, strategies and compositional ideas to perform successfully. They will develop the confidence to take part in different physical activities and learn about the value of healthy, active lifestyles. Physical Education helps students to discover what they like to do and what their aptitudes are at school, and how and where to get involved in physical activity helps them make informed choices about lifelong physical activity

Units studied

In Year 11 students are encouraged to take on different roles and responsibilities, including leadership, coaching and officiating. Lessons are taught through game orientated activities to develop students' tactical ability and knowledge of rules. Lessons explore exciting new sports from around the world and give students the opportunity to enhance their engagement with the new concepts, processes and techniques.

Sporting areas including;

- Invasion games - football, rugby, netball, basketball, tchoukball, handball, american football, uni-hockey
- Net and wall activities – badminton, short tennis, volleyball
- Striking and fielding sports – rounders, baseball, table tennis, cricket
- Maximum performance activities – athletics,
- Exploring ideas through creativity – trampolining, gymnastics, leadership, orienteering
- Health and Fitness – circuits, weights, fitness suite, bikes, cyber coach

Assessment

Assessment is through successful completion of ten targets that are set according to the Key Stage 4 Curriculum. Students have to achieve all targets various sporting areas. Effort levels are also given to students in line with the school policy.

Other info

Extra-curricular activities provide great opportunities for students to participate in an Airedale Academy team. A successful PE inter-house system takes place throughout the year. Students have the opportunity to represent their house and compete in different sporting activities. Enrichment opportunities such as educational trips, Inter-School sporting events and coaching courses will be offered.

Airedale Academy is proud to have designed a comfortable and smart PE kit that students wear with pride in all lessons.

Subject area Science **Department** Science
HoD Mr S Miller **HOD email** smiller@airedaleacademy.com
Department staff S Miller, M Bains, M Sanderson, A Tomlinson, D Gardner, J Halman, D World and J Weatherill,

Year group 11 **Core** **Subject name** GCSE Additional Science
Periods/week 4 **Qualification** GCSE Additional Science
Weblink <http://www.aqa.org.uk/subjects/science/gcse/additional-science-4408>

Overview

GCSE Additional Science encourages students to develop skills through investigative work and builds a scientific understanding of the world.

Units studied

Unit 1: Biology 2: 25%. 1 hour written paper. This unit is split into 2 parts.

In part 1, pupils will learn about cells, diffusion, osmosis, tissues and organs, plant organs, photosynthesis, factors that affect the distribution of organisms, proteins, enzymes, and digestion.

In part 2, pupils will learn about respiration, how exercise affects heart rate, inheritance, cell division, variation, inherited disorders, what species are and extinction.

Unit 2: Chemistry 2: 25%. 1 hour written paper. This unit is split into 2 parts.

In part 1, pupils will learn about ionic and covalent bonding, molecules, metals, polymers, nanoscience, atomic structure and quantitative chemistry.

In part 2, pupils will learn about rates of reaction, exothermic and endothermic reactions, reversible reactions, acids, bases and salts, and electrolysis.

Unit 3: Physics 2: 25%. 1 hour written paper. This unit is split into 2 parts.

In part 1, pupils will learn about forces, resultant forces, acceleration, stopping distances, terminal velocity, weight, Hooke's Law, work done, energy transferred, power, kinetic energy, and momentum.

In part 2, pupils will learn about static electricity, electrical circuits, circuit symbols, current/voltage graphs, calculating current, resistance, mains electricity, wiring a plug, fuses, radioactivity, nuclear fission and fusion, and the life cycle of stars.

Unit 4: Controlled assessment. 25%. This is an internally assessed scientific investigation. Pupils will be expected to come up with a hypothesis to test, design their own investigations, make measurements, present data, use data to draw conclusions and evaluate their investigations. This will make up 25% of their final grade

Assessment

All 3 external assessments will be carried out in June.

The controlled assessment will be carried out in September

Other info

The department holds regular revision sessions after school. Ask your teacher for more information. A range of revision guides are on sale. See Mr Miller for more details.

Subject area	Science	Department	Science
HoD	Mr S Miller	HOD email	smiller@airedaleacademy.com
Department staff	S Miller, M Bains, M Sanderson, A Tomlinson, D Gardner, J Halman, D World and J Weatherill,		

Year group	11	Core	Core	Subject name	GCSE Further Additional Science
Periods/week	4	Qualification	GCSE Further Additional Science		
Weblink	http://www.aqa.org.uk/subjects/science/gcse/further-additional-science-4410				

Overview

Further Additional Science has been designed to ensure the national progression from Science studied in Y9 and Additional Science studied in Y10. This course covers the KS4 programme of study and provides a firm foundation for progress to study A-level Science.

Units studied

It is taught in 4 separate units: Biology 3, Physics 3, Chemistry 3 and the Controlled Assessment Unit.

Biology 3: 25%, 1 hour written paper. The content includes:

The movement of molecules in and out of cells, gaseous exchange in the lungs, gaseous exchange in plants, the circulatory system in humans including the heart, transport systems in plants, homeostasis, removal of waste and water control, temperature control, sugar control, the production and use of biogas, pollution, deforestation, bio fuels and food production

Physics 3: 25%, 1 hour written paper. The content includes:

electromagnetic spectrum in particular the use of X rays, ultrasound, light and lenses, the structure of the eye, centre of mass, stability, moments and hydraulics, circular motion, electromagnets, the motor effect, a simple DC motor and transformers.

Chemistry 3: 25%. 1 hour written paper. The content includes:

The Periodic Table was developed, trends in the Periodic Table, hard and soft water, purifying water, calculating, explaining energy change in reactions, energy level diagrams and calculations of delta H, analysing unknown substances, the production of ammonia, factors affecting yields, alcohols, carboxylic acids and esters.

Controlled assessment. 25%. This is an internally assessed scientific investigation. Pupils will be expected to come up with a hypothesis to test, design their own investigations, make measurements, present data, use data to draw conclusions and evaluate their investigations. This will make up 25% of their final grade.

Assessment

3 external assessments in June.

The controlled assessment will be carried out in September.

Other info

The department holds regular revision sessions after school. Ask your teacher for more information. A range of revision guides are on sale. See Mr Miller for more details.

Subject area	Science	Department	Science
HoD	Mr S Miller	HOD email	smiller@airedaleacademy.com
Department staff	S Miller, M Bains, M Sanderson, A Tomlinson, D Gardner, J Halman, D World and J Weatherill,		

Year group	11	Core	Subject name	GCSE Science A
Periods/week	4	Qualification	GCSE Science A	
Weblink	http://www.aqa.org.uk/subjects/science/gcse/science-a-4405			

Overview

GCSE Science A introduces students to fundamental ideas in scientific theory and helps them learn practical skills through topical investigations

Units studied

Unit 1: Biology 1: 25% 1 hour written paper. This unit is split into 2 parts.
In part 1, pupils will learn about keeping healthy, balanced diets, the nervous system, bacteria, viruses, antibiotics, antibiotic resistance, hormones, the menstrual cycle, IVF, contraception, plant hormones and the use of drugs.
In part 2, pupils will learn about living things and environment, adaptations, pollution, energy in food chains, pyramids of biomass, waste materials, the carbon cycle, sexual reproduction, asexual reproduction, genetic engineering, genetically modified crops and evolution.

Unit 2: Chemistry 1: 25% 1 hour written paper. This unit is split into 2 parts.
In part 1, pupils will learn about the periodic table, chemical reactions, limestone, extracting metals from the Earth, Alloys, crude oil, hydrocarbons and pollution.
In part 2, pupils will learn about separating crude oil, cracking, polymers, using plant oils, emulsions, the Earth's structure and the theory of continental drift.

Unit 3: Physics 1. 25% 1 hour written paper. This unit is split into 2 parts.
In part 1, pupils will learn about heat transfer in solids, liquids and gases, heating and insulating buildings, energy and efficiency and generating electricity.
In part 2, pupils will learn about wave properties including light and sound, the electromagnetic spectrum, red shift and the big bang.

Unit 4: Controlled assessment. 25%. This is an internally assessed scientific investigation. Pupils will be expected to design their own investigations, make measurements, present data, use data to draw conclusions and evaluate their investigations. This will make up 25% of their final grade.

Assessment

All 3 external assessments will be carried out in June.
The controlled assessment will be carried out in September

Other info

The department holds regular revision sessions after school. Ask your teacher for more information.
A range of revision guides are on sale. See Mr Miller for more details

Subject area	PSHCRE	Department	PSHCRE
HoD	Mr D Hill	HOD email	dhill@airedaleacademy.com
Department staff	Various		

Year group	11	Core	Subject name	PSHCRE
Periods/week	Form time	Qualification	None	
Weblink	None			

Overview

Personal Development offers the opportunity for students to develop personal skills, prepare for life after Airedale Academy, explore different ways of working and learning and develop their understanding of how others think and what they believe, including developing an understanding of British Values.

Units studied

Throughout the year students will look at current events, financial awareness, Democracy and voting, rights and responsibilities, relationships, different cultures, different beliefs health and well being and personal safety.

Assessment

Pupils will be assessed on their contribution and understanding of their different issues and their ability to express their views verbally and in writing

Other info
