

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	8	Core	Subject name	Art
Periods/week	1	Qualification	None	
Weblink	None			

Overview

In Art pupils will extend basic skills and develop new ones through a series of linked projects.

Units studied

Projects will allow students to explore a range of themes through different media and styles of project including graphics, painting and drawing, clay and other media.

Assessment

National curriculum for art

Other info

Year group	8	Core	Subject name	Technology
Periods/week	1	Qualification	None	
Weblink	None			

Overview

Following a combination of Product Design and Food Technology units, students in Year 8 have the opportunity to develop the skills that they were introduced to during Year 7.

Units studied

Product Design 3: Flashing Alien.
Pupils design and make a Flashing Alien using a combination of materials and electronic components. Greater emphasis is placed on accuracy and attention to detail.

Food Technology 2: Develop.
Pupils develop their culinary skills and learn more about different cuisines and food groups through making a tray bake, curry, koftas and flapjacks.

Product Design 3: Flat Pack.
Pupils research, design and make flat pack desk-top storage unit. They use a variety of resources including Smart Materials.

Assessment

Follows the National Curriculum for Design & Technology

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="8"/>	Option	<input type="text" value=""/>	Subject name	<input type="text" value="Dance"/>
Periods/week	<input type="text" value="1"/>	Qualification	<input type="text" value="None"/>		
Weblink	<input type="text" value="None"/>				

Overview

Dance is a practical based subject

Units studied

'Dance styles' – Exploration of different dance styles, (Contemporary, Jazz, Tap, Ballet, Street)
'Club land ' – focus is on structure and design. Using every day gestures and narrative to create choreography.
'Musical theatre' – Combining dance, music and drama to create a performance. Progression routes in musical theatre at this school. Students will also have the advantage of working in or watching the whole school performance of 'Annie'.
'Chance Dance' A mathematical approach to creating dance. Cross curricular links to numeracy. Problem solving and probability.
'Physical Theatre' – Developing contact skills and lifts. Site specific lessons, getting them out of the studio and dancing in different locations. – Free running and Parkour skills (Fast and furious!!)
'Pop Video' Students create, direct and shoot their own pop video. Develop our understanding of video technology and editing using windows movie maker software

Assessment

Half Termly - Through videoed/ live performances, log books and pupil progression diaries

Other info

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

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="8"/>	<input type="text" value="Core"/>	Subject name	<input type="text" value="Drama"/>
Periods/week	<input type="text" value="1"/>	Qualification	<input type="text" value="None"/>	
Weblink	<input type="text" value="None"/>			

Overview

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

Units studied

Explorative Strategies - Explorative strategies include

- Still image
- Thought-tracking
- Narrating
- Hot-seating
- Role play
- Cross-cutting
- Forum theatre
- Marking the moment

The drama medium

- The use of costume
- The use of masks and/or make-up
- The use of sound and/or music
- The use of lighting
- The use of space and/or levels
- The use of set and/or props
- The use of movement, mime and gesture
- The use of voice
- The use of spoken language

Musical theatre – Integrating dance, music and drama to create a performance. There are further progression routes in musical theatre at Airedale Academy. Students will also have the advantage of working in or watching a whole school performance.

Theatre Performance - Students produce work that is shown to peers/parents and in some cases a paying audience

Assessment

Half termly - through videoing, live performances, pupil progression cards.

Other info

There are lots of extra curriculum 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	8	Core	Subject name	English
Periods/week	4	Qualification	None	
Weblink	None			

Overview

Students in Year 8 follow a broad curriculum in English with opportunities to enjoy and make progress in all aspects of English: reading, writing and speaking and listening. Year 8 students will learn to write for different purposes and audiences, including writing to persuade, argue, describe and creative writing. Students will read a range of texts, including poetry and the class novel 'Holes'. Students in Year 8 will develop their speaking and listening skills by presenting to their class.

Units studied

Term 1
 Invention
 Speaking and Listening: Presentation of Inventions
 AF1 Talk to others in purposeful, imaginative ways
 AF2 Listen and respond to others
 Writing: Persuasive Letter
 AF2 Produce texts which are appropriate to audience and purpose
 AF3 Organise and present whole texts effectively
 AF5 Vary sentences for clarity, purpose and effect
 Reading: Informal Assessment
 AF2 Understand and select information and use quotations from texts
 Speaking and Listening: Monologue
 AF3 Talk within role-play and drama
 AF4 Talk about talk
 Writing: Character Description
 AF1 Write imaginative, interesting and thoughtful texts
 AF5 Vary sentences for clarity, purpose and effect
 AF6 Write with technical accuracy of syntax and punctuation
 Reading: Holes
 AF3 Deduce, infer or interpret information from texts
 AF4 Identify and comment on the structure and organisation of texts
 AF5 Explain and comment on writers' use of language

Term 2
 Poetry
 Reading: Informal Assessment
 AF2 Understand and select information and use quotations from texts
 AF3 Deduce, infer or interpret information from texts
 AF5 Explain and comment on writers' use of language
 AF6 Identify and comment on writers' purposes and the overall effect of the text on the reader
 AF7 Relate texts to their social, cultural and historical traditions

Term 3
 Magical Voyages

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		

Writing: Creative writing
AF1 Write imaginative, interesting and thoughtful texts
AF7 Select appropriate and effective vocabulary
AF8 Spelling
Writing: Writing to argue
AF1 Write imaginative, interesting and thoughtful texts
AF4 Use paragraphs and connectives to organise writing
AF7 Select appropriate and effective vocabulary

Assessment

In English, students are assessed on reading, writing and speaking and Listening both formally and informally.
Each of the formal assessments above have an assessment focus (AF).
We aim to assess students on each AF at least twice during the year.

Other info

Year group	8	Core	Core	Subject name	French
Periods/week	2	Qualification	None		
Weblink	None				

Overview

Students develop the skills needed to better understand and communicate in a Foreign Language. Students learn how to give and develop opinions in French and to understand and produce lengthier and more complex language. Students also look at the geography, culture and customs of France and other French speaking countries.

Units studied

In Term 1 students cover the topic of Free time and Leisure.

In Term 2 they study the topic of School and Work.

In Term 3 the topic covered is Food & Drink and will often include a tasting session!

Assessment

2-3 weeks before the end of each term, all pupils are assessed on at least 3 of the 4 skill areas (Listening, Speaking Reading and Writing). All pupils should make a full level of progress overall during the year.

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	8	Core	Subject name	Geography
Periods/week	2	Qualification	None	
Weblink	None			

Overview

Geography enables students to study the world around them at a local, regional and national scale. It includes both human and physical aspects as well as considering environmental issues.

Units studied

Term One: What is Development? In this unit students will develop an awareness of the way in which people live in a poorer part of the world. This will be taught largely through the comparison of the country of Kenya with the UK.

Term Two: Restless Earth: In this unit students will learn about the causes of natural tectonic hazards such as volcanoes and earthquakes. Students will study specific examples of past eruptions and earthquakes; the effects and management.

Term Three: Tropical Rainforests: In this unit students will locate the world's tropical rainforest and will study the characteristics of this fragile ecosystem as well as their sustainable management, focussing on the Amazon.

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	8	Core	Subject name	History
Periods/week	2	Qualification	None	
Weblink	None			

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.

Units studied

Term One: The Industrial Revolution, from transport to industry and the makings of an Empire.

Term Two: WWI, conditions in the trenches, development of technologies and the home front.

Term 3: WWII, students study the Nazi occupation of Europe, key events in the war and the Holocaust.

Throughout the three terms students are able to develop their source analysis and analytical skills through a variety of activities. They explore criteria for making judgements about the historical significance of events, people and changes. They investigate historical problems and issues, asking and beginning to refine their own questions

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

Year group	8	Core	Subject name	IT & Computing
Periods/week	1	Qualification	None	
Weblink	None			

Overview

The Computing Framework breaks down the Computing programmes of study into three strands. These three strands are

1. Digital Literacy
2. Information and Communication Technology
3. Computer Science

Units studied

In year 8 the course is split in to six different projects, two each term.

Project 1 - Survival Guide: This project involves students learning how to keep their files and folders in a suitable structure and also gives them an introduction to ICT and assesses their initial ability.

Project 2 - Internet Safety: This project involves students learning how to stay safe on the internet and how to keep any personal details safe. They will create an educational advertisement that will help people of all ages stay safe when using the internet.

Project 3 - Spreadsheets: This project involves the students learning how to use Microsoft Excel. They will learn how to enter data, format the data in a professional way, create formulas and functions and learn how to present the data in the form of graphs and charts.

Project 4 - Hardware and Software: This project involves the students learning all about the inner workings of their PCs. They will learn how each component functions in the PC and what role it plays in making a PC work. They will learn about Operating Systems and other important software in use on every PC.

Project 5 - Databases and Desktop Publishing: This project involves sorting and interrogating a database and producing a high quality publication using DTP software. They will also use the internet to research different information to enable them to create a professional range of publications for the given task.

Project 6 - Programming project: This project gives students the opportunity to sequence instructions in two different pieces of software. Students will use Flowol software to be able to sequence everyday objects such as traffic lights and then Scratch to create a game.

Assessment

Formal assessment every half term.

Other info

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	8	Core	Subject name	Maths
Periods/week	4	Qualification	None	
Weblink	None			

Overview

During year 8 pupils will be taught topics from the four main areas of mathematics; number, algebra, shape, shape and measure and handling data.

Units studied

Term 1

- Integers, powers and roots
- Sequences, functions and graphs
- Geometrical reasoning: lines, angles and shape
- Construction and loci
- Probability
- Ratio and proportion
- Equations, formulae, identities and expressions
- Measures and mensuration; area

Term 2

- Sequences, functions and graphs
- Mental calculations and checking
- Written calculations and checking
- Transformations and coordinates
- Processing and representing data; interpreting and discussing results
- Equations, formulae, identities and expressions

Term 3

- Fractions, decimals and percentages
- Measures and mensuration
- Equations, formulae, identities and expressions
- Sequences, functions and graphs: using ICT
- Calculations and checking
- Geometrical reasoning and mensuration
- Measures and mensuration: volume
- Statistical enquiry

Assessment

Mini tests at the end of each topic.
Assessments at the end of each Term.

Other info

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

Year group	8	Core	Subject name	Music
Periods/week	1	Qualification	None	
Weblink	None			

Overview

In Year 8, students develop their performing, composing and listening and appraising skills studying many different genres of music from pop to world music. In addition, music technology will feature throughout the course with students using sequencing software Cubase.

Units studied

Term 1 Blues and Jazz
Term 2 Popular Music
Term 3 Film Music & Samba

In the Blues and Jazz unit, students will begin looking at slavery and its impact on music. They develop performance and improvisation skills on keyboard with a piece based on the 12 Bar Blues.

Popular Music then follows on from this unit and charts the development of the popular song from the 1960's to the present day. A major element of this unit is listening and appraising, enabling students to analyse music in terms of song structure, instrumentation, vocal techniques and stylistic conventions.

In Film Music, students explore the musical elements and compositional devices using these to compose their own piece of film music. World music is studied through Samba, a performance based unit which allows students to develop their rhythmic skills and ensemble skills.

Assessment

Students will be assessed after each unit of work.

Other info

Students wishing to continue with music into Y9 would benefit from studying a musical instrument.

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	8	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 pupils develop personally and socially. Students will work as individuals, in groups and in teams, developing concepts of fairness and of personal and social responsibility.

Units studied

In Year 8 students are encouraged to think about what they are doing, analyse the situation and reflect on their own and others' performances and find ways to improve.

Sporting areas including;

- Invasion games - football, rugby, netball, basketball
- Net and wall activities – badminton, short tennis,
- Striking and fielding sports – rounder's, baseball, table tennis, cricket
- Maximum performance activities – athletics,
- Exploring ideas through creativity – trampolining, gymnastics, leadership, orienteering
- Health and Fitness – cross country, weights, fitness suite, health and fitness

Assessment

Assessment will take place after each sporting activity and will be assessed according to National Curriculum levels (levels 3, 4, 5, 6, 7). Throughout the year, students will attend three consultation sessions where they will complete a pupil achievement passport where levels of progress are discussed and personalised targets set for the new term. In Year 8 students will complete an Individual Learning Project in the January on the theme "Careers in Sport" to prepare them for their Options.

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	8	Core	Subject name	Science
Periods/week	3	Qualification	None	
Weblink	None			

Overview

The Year 8 course has been designed to ensure the natural progression from Year 7. The three disciplines are taught separately alongside How Science Works skills. Literacy and numeracy are embedded into the Schemes of Work.

Units studied

Term1:

- Food and digestion - This incorporates diet, healthy eating and digestion.
- Respiration - This studies how we get energy from food as well as the breathing and circulatory system.
- Rocks - This teaches the pupils about the formation of different types of rocks and the rock cycle.
- Forces - This topic explains how different forces can affect how objects move. It includes speed and acceleration as well as work on pressure and magnets.
- Compounds - This topic reviews elements, compounds that are made from the elements and the differences between compounds and mixtures. It includes alloys and the effects of impurities on melting and boiling points.

Term 2:

- Solutions – Following on from compounds, this explains what happens when something dissolves and how to physically separate different mixtures.
- Metals - This topic investigates the properties and reactivity of metals.
- Light - This includes how we see objects, how light travels, reflection, refraction and how colours are seen.
- Genetics - How genetic information is transferred along the generations and the structure and discovery of DNA.

Term 3:

- Plants - This topic looks at how plants make food by photosynthesis, how they reproduce and how their structure helps them.
- Sound - This topic focuses on how sound travels, how we hear and how our hearing can be damaged.
- Healthy living - This starts with a recap on the organ systems then goes on to look at the effect of fitness, smoking, alcohol and drugs on our body.

Assessment

National Curriculum levels are awarded regularly through each topic.
Term tests.
Regular homework

Other info

If you want to attend STEM club see Mr Miller
Useful websites: www.bbc.co.uk/ks3bitesize.