



PROSPECTUS

SIXTH FORM PROSPECTUS



E-ACT



Leeds West Academy is a vibrant learning community where staff and students work together to achieve the best possible results in every aspect of achievement. We want our learners to be well rounded active citizens with the skills and creativity to adapt to their future environment in higher education, training and the workplace. Our commitment to enabling every young person at the academy to fulfil their individual potential is at the centre of everything we do. By working in partnership with families, we believe that we can all achieve amazing things for our whole community.

Welcome to Leeds West

We are aiming to offer the highest quality teaching and widest range of courses for post 16 students in the West of Leeds. On our new 11-18 campus our students will have the most contemporary facilities in the city. As well as fantastic PE areas, science and technology specialist labs and workshops, there are a number of independent learning areas for sixth form to access computer support for extended study.

Extensive computer facilities in the library and sixth form common room are complemented by internet work areas in the all-day cafes, open to staff and sixth form. But most of all, the academy offers personalised coaching, mentoring support and excellent teaching resulting in a strong history of positive results for students.

We hope you will find the course you want in this brochure, but please talk to our key post-16 staff if you want any further information.

Annette Hall Principal

Welcome to Post 16 Education at Leeds West Academy. Our philosophy is to provide Post-16 students with freedom to develop and learn independently but also provide a good degree of close support and nurturing. We welcome applications from all students who are keen to make use of the facilities and ethos we offer.

One of the great strengths of a school sixth form is the daily contact between students, teachers, coaches and senior staff. All of our students are allocated a personal coach who will oversee progress and guide them through induction, time management, target setting, application for jobs or higher education and exam preparation. Regular progress checks quickly identify problems and coaches work with students to overcome them. We enjoy excellent working relationships with the careers service and industry who help students make informed and realistic choices about their future.

Sixth form students will have high quality access to state of the art technology in the superb new building from September 2011, with its shared learning areas and independent study areas. Teaching spaces will include suites of PC's or Apple Macintosh computers, a new photographic studio, a darkroom, specialist dance and drama studios, recording studio and a fully equipped gymnasium. Facilities such as a climbing wall and an all day café will be available to sixth form students as well as an exclusive sixth form study area and social space. Sixth form students will be given privileges and responsibilities not available to younger students as we believe in the importance of creating strong role models for younger students.

A wide variety of extra-curricular activities are available, including the Duke of Edinburgh Award scheme, and opportunities to take part in 'World Challenge.' A rich Extension and Enrichment offer is made to all sixth form students as a continuation of the offer made to younger students with the emphasis on extending or teaching new skills or opportunities to lead or teach sessions. We aspire to develop leadership skills in all of our students - for example, Year 13 students all assist a member of staff with Year 7 and 8 coaching groups for one session a week and there are opportunities to take courses in mentoring, coaching and leadership, and practice these skills with younger students at the Academy or within our local feeder primary schools.

We look forward to you continuing your education here at Leeds West Academy.

Jackie Rose Director of Learning 14-19
Scott Halligan Post 16 Leader

ENGLISH AND PERFORMING ARTS SPECIALISM

At Leeds West Academy the two specialist subjects lead the focus on creative teaching approaches which develop students' expressive skills and understanding in all aspects of literacy. High quality experiences of the arts are abundant at Leeds West Academy, whether that is through direct performance, wider participation, or involvement with arts professionals working with the academy. Good communication skills are fundamental to both educational and lifelong achievement. Through high achievement in the specialisms, students at the academy are equipped with the tools to be highly successful in all areas.

Sixth Form Curriculum

The choices for students will be split into the following packages. Students should select a package which they are most interested in. This will consist of one 'Major' course choice and up to two 'Minor' courses. The Major courses are so called because of the number of hours required to study them and the points they are worth.

Academy



three

Major courses consist of:

- BTEC Extended Diplomas worth up to 360 UCAS points, and equivalent to 3 A levels or
- A highly academic package consisting of a triad of A levels aimed at students who achieve A*, A and B grades in their GCSE courses, or
- Level 2 BTEC First Diploma courses designed for students who have achieved Level 1 courses at KS4 or students who have achieved D-G grades at GCSE. (Studied intensively over one year)

Minor courses are selected from A levels or Subsidiary Diplomas which are equivalent to one A level (worth up to 120 UCAS points for an A grade or Distinction grade). Minor courses are flexible and can be mixed and matched with all Major courses. Students may choose up to 2 minor courses.

Major packages (select one)

Major (select one from the list below)	Minors (select up to two from the list below)
Package 1- Performing Arts	AS & A2 English Language, English Literature
Package 2 - Sport	AS & A2 Maths, AS & A2 History
Package 3 - Art, Design and Media	Functional Skills, Maths GCSE, English GCSE
Package 4 - IT	AS & A2 Drama and Theatre Studies
Package 5 - Health and Social Care	AS & A2 Photography, Film Studies, Dance
Package 6 - Fashion and Clothing	AS & A2 Graphic Art, Product Design, Fine Art
Package 7 - Public Services	BTEC Subsidiary Diploma in Travel and Tourism
Package 8 - Academic route	BTEC Diploma or Subsidiary Diploma in Applied Science
Package 9 - Level 2 Construction	BTEC Subsidiary Diploma in Music Performance
Package 10 - Level 2 Beauty Therapy	BTEC Subsidiary Diploma in ICT
	BTEC Subsidiary Diploma in Food and Catering
	BTEC Subsidiary Diploma in Child Care & Development

Example student packages

Student 1 chooses a Sport 'Major' package and a science minor so is studying the equivalent of four A levels. He wants to go on to do a personal trainer course after he leaves sixth form or possibly a sports science degree at University. He knows he will need GCSE Maths too so is re sitting this to improve his grade.

Student 2 chooses a Public Services package as her 'Major' as eventually she wants to join the police force. She achieved A grades in English and Maths at GCSE so chooses to take the Diploma in Public Services and AS/A2 English Language and AS/A2 Maths.

Student 3 wants to pursue a career in Musical Theatre when he leaves sixth form. He chooses a Performing Arts Extended Diploma as his 'Major' package and a Subsidiary Diploma in Music Performance as his 'Minor'

Student 4 has her heart set on a career in the fashion Industry. She chooses Fashion and Clothing as her 'Major' course and AS and A2 Graphics, and Photography as her 'Minors.'

Student 5 wants to study Creative Writing at Edinburgh or Bristol University. He achieved A* or A grades in most of his GCSE subjects so selects the 'Major' Academic package including English Literature, Maths, and Psychology A levels. As his minor courses he selects AS/A2 English Language and AS/A2 Drama and Theatre Studies to extend his knowledge of English in the wider sense.

Performing Arts Courses

four



Level 3 BTEC Extended Diploma in Performing Arts - Edexcel

This is a three A level equivalent course which is popular and highly successful. The vast majority of students achieve the highest result a triple distinction, worth 360 UCAS points and being equivalent to 3 grade A's at A level. From this course students can go on to study degrees in Performing Arts subjects, Event Management, Teacher Training, Nursing or many other degrees. Some students go on to get jobs as actors, dancers or musicians, entertainers or holiday reps.

Course description

The course is divided into 18 Units some of which are core and others which are more flexible. Each unit is taught by one member of staff and students must complete several assignments covering all criteria to pass the unit. There are no written exams, although written work will be set as part of the course. Assignments are built around practical pieces of work leading to performances in either dance or acting. There is an option for students to select a dance or acting pathway within this course dependent on numbers selecting the course.

High points of the course are:

- A trapeze project during which students learn skills of static trapeze and silks and combine these into a performance piece incorporating dance and drama.
- Chances to go 'on tour' as a Theatre in Education or Dance company to local schools and community groups.
- A devised piece which leads to a full scale performance.
- Opportunities for major performances throughout the year.
- A trip to London or New York to see performances in the West End or on Broadway.

Entry requirements

- Four GCSE grades A*-C or equivalents are required for this course, one of which should be in Drama or Dance.
- An enthusiasm for performing which is highly motivating and a driving force in your life.
- You may also have experience of taking part in drama or dance activities outside school. Entry will be by interview and audition. (Exceptionally talented students who have not achieved 4 grade C or higher equivalents will also be considered).

AS & A2 Drama and Theatre Studies - Edexcel

- The course demands practical, creative and communication skills in almost equal measure.
- You will extend your ability to create drama and theatre, either in a performing or production role.
- You will also be required to write about drama and to develop your powers of analysis to become an informed critic.
- The course will involve taking part in drama productions, as well as studying plays and playwrights.

You need to be able to explore play texts and explore and develop characters. You may be keen on acting, writing or on the visual and technical side of theatre and wish to develop your skills in some or all of these areas. Equally you will be interested in going to the theatre to see plays performed by different theatre companies.

Students will be advantaged if they have studied Drama at Level 2 or within out of school activities. English Language GCSE Grade C or above is also essential.

Dance AS/A2 Level- AQA

The course deals in the main with the processes of Performance, Choreography and Appreciation. The vast majority of lessons are practical, with staff, and sometimes students, leading the work. Students are encouraged and supported by staff to develop independent working skills, as well as team work skills. Subject knowledge and understanding is developed in both practical and theoretical lessons. Students are encouraged to use skills and knowledge from other subject areas to enhance and develop their ability to create, perform and analyse dance. Students will have an opportunity to visit the theatre several times in order to compliment the course and broaden their knowledge and enjoyment of dance. This course is an exciting and challenging one. It requires students to be highly motivated, good communicators and able to accept and respond to constructive criticism.

Entry Requirements

4 GCSE's grade C or above for AS Level Course. GCSE or equivalent Level 2 qualification in Dance.

The course is split down into 4 units over the two years:

- Understanding Dance: Written Paper.
- Choreography and Performance
- Appreciation (Context and Content): Written Paper
- Group Choreography and Solo Performance.

Assessment is through examination, in practical performance and choreography and a written examination at the end of each year.



Level 3 BTEC Subsidiary Diploma in Production Arts (Technical)

The training you will receive with this qualification emphasises the importance of the production element of performing arts, specifically focusing on the essential technical aspects of production. You will develop understanding of a broad range of skills and techniques which will enable you to start a successful career. The qualification will also help you progress into employment, or move on to further study.

The course can be adapted to meet your abilities and needs: you can choose to focus on the area you are most interested in, such as stage technical maintenance, stage lighting design or stage management.

Employment opportunities

With the international recognition of BTEC courses such as this, you can progress straight into employment. If successful there are a wide variety of prospective careers that you can explore, for example: lighting technician, stage manager or TV/film camera operator.

Level 3 BTEC Subsidiary Diploma in Music Performance

This is a one A level equivalent course designed for students who want to further their knowledge of music performance techniques and organisation. The course culminates in a concert planned and organised by the students to showcase their practical musical ability.

Course Description

Students will have three core units to follow which must be passed in order to achieve an overall grade. Four other units are also followed to maximise practical performance opportunities and are selected based on the strengths of the participants, for example strong singers can study a unit based on 'Singing Techniques and Performance'; Guitarists will take a unit on 'Working and Developing as a Musical Ensemble'

Course Requirements

This course is ideally suited to students who have studied music previously at level 2 or privately through instrumental or singing lessons. Students without prior experience of music education may be considered if particularly talented although this is at the discretion of the course leader.

Level 3 BTEC Subsidiary Diploma in Music Technology (Recording)

This is a one A level equivalent course designed for students who want to further their knowledge of Music Technology. The course will culminate in a concert planned and organised by the students to showcase their technical and sound engineering skills. This course is suitable for students who wish to take up higher study in music technology or work in a recording studio or as a sound technician.

Course Description

Students will take three core units which must be passed in order to achieve an overall grade. These cover 'Creating a Musical Product', 'Planning a Music Recording' and 'Sound Recording Techniques'. Four other units are also followed to develop skills in areas such as 'Operating Live Sound', 'Audio Engineering', 'Computer Music Systems', and 'Music Technology in Performance'.

Course Requirements

This course is ideally suited to students who have an interest in computer systems and music gigs or theatre and live sound. This course would fit well with the Theatre Production BTEC Diploma course or the IT practitioners BTEC Diploma course. It is useful if students also have a musical knowledge prior to taking up this course.



English Courses

six



English Literature AS/A2 (AQA spec B)

In English Literature A-level you will develop your interest in, and enjoyment of, literature and literary studies. The course allows you to engage with authors and texts, analysing and interpreting their effects on the reader. With the range of texts available for study, you will be able to find novels/ plays/ poems that you enjoy reading and which you will be able to explore in great depth.

Through studying a wide range of texts, you will gain a detailed understanding of the different ways writers use form, structure and language to create desired effects. You will learn the skills to write critically and in depth about texts and authors. There is also an opportunity to use your creative, as well as analytical, skills.

Entry Requirements:

Grade C or above in both GCSE English Language and GCSE English Literature for the AS course.

Grade E or above at AS level for the A2 course.

Unit 1 :	Aspects of Narrative	The aim of this unit is to introduce you to the central position of narrative in the ways in which literary texts work. You will study a wide range of authors and genres, with particular focus on how narratives are constructed by authors, and the different ways in which they can be responded to by readers.	External Exam: 2 hours 60% of total AS mark 30% of total A level mark
Unit 2:	Dramatic Genres	This coursework module requires you to submit two pieces, both focussed around the dramatic genre of tragedy.	Coursework 40% of total AS mark 20% of total A level mark
Unit 3:	Texts and Genres	Through studying a range of texts, you will further develop ideas about the significance of genre which have been established during the AS course. The focus genre will be either "Elements of the Gothic" or "Elements of the Pastoral".	Examination: 2 hours 30% of total A level mark
Unit 4:	Further and Independent Reading	This coursework module requires you to submit two pieces, both of which involve independent reading. You will be expected to compare texts and to apply an aspect of literary criticism to a text of your choosing.	Coursework 20% of total A level mark





English Language ~ AS/A2 (AQA spec B)

In English Language A-level you will learn to both produce and analyse texts in a variety of formats, written for different purposes and audiences. You will study both spoken and written stimuli, and will gain insight into how meaning is encoded through a variety of linguistic methods. You will gain a detailed understanding of the different ways language is used to communicate, manipulate and entertain. You will also get the opportunity to use your creative, as well as analytical, skills. You will be expected to participate in group discussion, to prepare presentations of your ideas, to write creatively and to research independently. You'll learn how to discuss lexis, grammar, graphology, pragmatics, phonology and discourse. You'll also be taught the appropriate metalanguage and style for writing critically about Language.

Entry Requirements:

Grade C or above in GCSE English Language for the AS course.

Grade E or above at AS level for the A2 course.

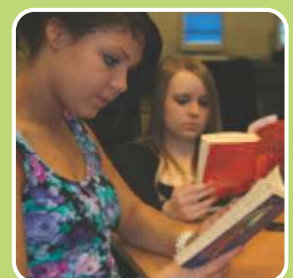
Unit 1:	Introduction to the study of English Language	You will learn how purpose, audience and context affect the way language is produced and received. Following a text based approach, you will focus on three specific social contexts: <ul style="list-style-type: none"> • Language and gender • Language and power • Language and technology 	External Exam: 2 hours 60% of total AS mark 30% of total A level mark
Unit 2:	Original Writing	This coursework module requires you to submit two pieces written for different audiences and purposes, and to provide a commentary on your work.	Coursework 40% of total AS mark 20% of total A level mark
Unit 3:	Language Development	You will study the concepts and theories of Language acquisition (how children learn English) and Language change (how and why English has developed since 1700, with a particular emphasis on 20th Century Language change).	Examination: 2.5 hours 30% of total A level mark
Unit 4:	Investigating Language	This coursework module requires you to undertake a small research project into a chosen aspect of spoken or written language in use. You will also produce a media piece of original writing, presenting your findings in a way that the general public would understand.	Coursework 20% of total A level mark

AS & A2 Psychology - AQA

A-Level psychology aims to develop students' knowledge and understanding of the core areas of psychology over four units assessed by examination. The course covers cognitive, developmental, biological and social psychology as well as giving students opportunities to design and carry out small scale studies. Students will explore popular and current psychological topics including forensic psychology, schizophrenia and psychology in the media; whilst also analysing famous, classical experiments.

Entry Requirements:

GCSE Grade C or above in English Language and Maths, Grade C or above in GCSE science or Merit Grade for BTEC Science (or above).



Diversity Subjects

eight



Level 3 BTEC Extended Diploma in Sports (Development, Coaching and Fitness) - Edexcel

This advanced course is for students who have a definite interest in moving into further study or employment in the sporting industry. This course is equivalent to a 3 A' Level course and is worth up to 360 UCAS points. During the 2 year course there are 18 units to complete with no exam. The BTEC grades of Pass, Merit and Distinction will be used to assess each piece of work and the student will be aware of their grade throughout the course. Evidence can be collected through many different methods, ranging from essays, observations and discussion style marking.

Level 3 BTEC Subsidiary Diploma in Sport - Edexcel

This is a two year course consisting of six units. The units vary between Fitness Training, Sports Developments and Team Sports. Each unit has three to four tasks to complete where evidence is collected using Pass, Merit or Distinction grades. There are no examinations in this course and the points score is as follows:

- Distinction = 120
- Merit = 80
- Pass = 40.

This course would be particularly suitable to students who have an interest in sport but who are not sure about their career choices yet.

Level 3 BTEC National Subsidiary Diploma in Travel and Tourism - Edexcel

This course offers a specialist qualification that focuses on particular aspects of employment within the appropriate vocational sector. The BTEC National Award is designed to equip you with the knowledge, understanding and skills necessary to prepare you for a career in Tourism. You will develop employability skills in a work-related project which you can transfer into the role you choose later in life. You will gain a variety of customer service skills and techniques and use them in different situations.

Some examples of modules that are covered in this BTEC are:

- Customer Service in Travel and Tourism
- Retail and Business Travel Operations
- The European Travel Market
- Work Experience in the Travel and Tourism Industry
- The UK as a Destination
- The Business of Travel and Tourism
- Current Issues in Travel and Tourism
- The European Travel Market

All units are internally assessed assignments. These may be projects, case studies or work based assessments

Entry Requirements:

Four GCSE subject at grade A* - C are advisable.

History AS Level

The course covers two key periods of History:

USA 1890 to 1945 study examines the political and economic climate which enabled the great boom of the 1920s and ultimate crash of 1929. Recovery programmes and initiatives are considered and evaluated.

Britain 1959 to 1975 study covers the huge social, economic and political changes and developments which occurred in this period. From the legalisation of homosexuality and abortion to the cultural revolution through British music and fashion, students explore this significant decade and assess its reputation as the 'Swinging Sixties'.

A2 content is yet to be decided but will include a study of recent British history.

Entry Requirements:

Students do not need to have studied GCSE History although this would clearly be advantageous to them. Those who have completed the GCSE need to have achieved at least grade B to gain entry to the A Level course. Further, students must have achieved a secure grade B or above in English GCSE.

Career opportunities:

The study of history develops key transferable skills which are highly regarded by employers and institutions of Higher Education alike. Skills of analysis, synthesis, academic debate and evaluative judgement are developed throughout the course, providing students with the necessary skills to pursue careers in Law, Journalism, Politics, Education, Advertising, Business Management.



Level 3 BTEC National Extended Diploma in Public Services - Edexcel

The Level 3 BTEC National Extended Diploma in Public Services is targeted at learners who would like to gain employment in the public services sector. This is an exciting course which aims to develop learners' abilities and skills in dealing with public situations and events. The programme is suitable for learners who would like to know more about employment in uniformed public services. The course is split into units, and work is set in assignments which provide learners with realistic work based scenarios and projects based around the unit title.

There are 5 core units based on 'Leadership and Teamwork', 'Government Policy', 'Citizenship and Diversity', 'Understanding Discipline' and 'Fitness Testing within the Public Services'.

Optional units must also be covered to achieve the qualification and these range from 'Crime and its Effects on Society', to 'Water Based Outdoor and Adventurous Activities', from 'Police Power in Society' to 'Land Navigation by Map and Compass'.

The course is followed over two years.

Entry Requirements

4 GCSE's grades A*- C are required to follow this course although students with a particular interest in entering one of the Public Services as a profession, and can demonstrate a particular interest may also be considered.



Art Courses

ten



Level 3 BTEC National Extended Diploma in Art, Design and Media – Edexcel

The BTEC National Diploma in Art, Design and Media has the equivalence of three GCE A Levels. This exciting course provides in-depth knowledge from a wide selection of areas in the creative field. The qualification builds and develops the necessary skills and techniques to succeed in a professional career or move on to further study. The course is flexible to meet learners' interests, abilities and aspirations. The course provides a broad knowledge of Art, Design and Media techniques, materials, concepts, visual recording and communication. The course focus is on the process of Art Design and Creative Media techniques to create challenging and exciting visual outcomes. It is mainly practical, with written theory in the form of research into artists, designers and art processes. If you are passionate about art this course is for you!

There are five compulsory core units plus a choice of units taken from a range of professional specialist areas such as fine art, photography, 3D work, graphics, fashion, and digital imaging.

The units are assessed internally and moderated externally.

You should have a broad education including, for example, a BTEC First in Art and Design or GCSE 'C' grade or above in Media and/or four GCSEs including Art (graded C or above) and the interest and potential to succeed in achieving this qualification.

Art. Craft and Design, AS Level - AQA

You will be introduced to a variety of experiences exploring a range of two- and three-dimensional media, processes and techniques while learning about traditional and new technologies. You will explore images, artefacts and resources relating to a range of art, craft and design, investigating and making using different process. You will work in at least two of the following areas Fine Art, Graphic Communication, Textile Design, Three-Dimensional Design, Photography: lens-based and light-based media. This exciting course will allow you to further develop your art skills and learn about new materials and processes.

Your portfolio, using a range of processes and techniques, will be assessed as 50% coursework and an externally set assignment with eight weeks preparation time and five hours supervised time will make up the other 50% of the grade. Both are assessed internally and moderated externally.

Entry requirements

Four GCSE's including Art, graded C or above, and the interest and potential to succeed in achieving this qualification.





Photography AS Level - AQA

This is an exciting course that allows you to work with both traditional darkroom photographic processes and digital technologies while exploring a range of subjects and techniques. You will create your own high standard photographs and relate your work to current artists. Leeds West Academy offers excellent facilities including digital and film SLR cameras, purpose built darkrooms, dedicated Apple Mac computer suites, a large format printer and a fully equipped photographic studio. You will develop a range of technical skills, have the opportunity to work creatively on location, in the studio and by manipulating images with digital technology.

Your portfolio, using a range of photographic approaches, will be assessed as 50% coursework and an externally set assignment with eight weeks prep time and five hours supervised time will make up the other 50% of the grade. Both are assessed internally and moderated externally.

Entry requirements -

Four GCSEs including Art, graded C or above, and the interest and potential to succeed in achieving this qualification.

Graphic Communication AS Level - AQA

Design through Graphic Arts is a truly exciting area for a future career. It is a growing industry with constant development in computer-based technology and presents new challenges for those interested in creative thought. The course includes many practical and critical aspects of graphic design, including advertising, packaging, communication, typography, illustration, with final outcomes produced as a hand finished or computer generated image. You will use the excellent facilities at Leeds West Academy which boast a dedicated Apple Mac suite, with industry standard Adobe Photoshop, Illustrator, digital cameras, video cameras, negative scanner and A1 plotter.

Your portfolio, using a range of illustration skills, will be assessed as 50% coursework and an externally set assignment with eight weeks prep time and five hours supervised time will make up the other 50% of the grade. Both are assessed internally and moderated externally.

Entry requirements -

Four GCSEs including Art, graded C or above, and the interest and potential to succeed in achieving this qualification.

Film Studies. AS Level - WJEC

This exciting course offers you an in-depth understanding of cinema. During the course you will develop your creative and production skills, research skills and knowledge of film, through studying a wide range of films, the industry and audience contexts. You will acquire a foundation in the analysis of film, together with subject specialist language. During AS level the focus is on Hollywood and British cinema; you will develop skills in script writing, storyboarding and film production. If you love analysing films and want to know more about film production, history and audience engagement, this course is for you!

The course is made up of internally assessed coursework, two assignments, makes up 40% of the final grade, an external written assessment of multiple choice questions at the end of the course, makes up the remaining 60%.

Entry requirements - Four GCSEs grade C or above including English is desirable, it is not necessary to have a GCSE in Media. The interest and potential to succeed in achieving this qualification is essential.



Science Courses

twelve



Level 3 BTEC National Subsidiary Diploma in Applied Science, specialising in Medical Science – Edexcel

This course focuses on all the areas of science that come together in medicine and modern medical techniques. It looks at a range of topics linked to how our bodies work and how we can diagnose and treat a range of illnesses and injuries, including: disease, sports injuries, MRI scanners, investigations into fitness, modern medical robotics and forensics.

The course is designed for anyone interested in a career linked to science and its impact on health and fitness, especially sports science and the health care professions.

The course teaches you about the basic ideas in Biology, Chemistry and Physics, but has a strong emphasis on the aspects of science linked with medical science. Early on in the course you learn to use a range of practical techniques and carry out investigations into different aspects of science, including forensic techniques and sports science.

The 'Science in the Workplace' unit teaches you how to prepare for careers in a range of roles that use science and will help develop your confidence with workplace applications of health and safety guidelines and modern employment practices.

The emphasis on this course is on the aspects of science linked to human health and fitness. You will learn in detail about the organ systems in the body with practical investigations taking measurements to investigate respiration and cardiovascular rates. In addition you will learn how diseases and injuries can be diagnosed and treated using the latest medical techniques, such as MRI scanners and robotics. You will learn about the role of professionals in the health sector and study the latest technology used in modern medicine and sports science, including robotics and their future nanomedicine!

Entry Requirements

Students must have GCSE passes at grades A-E in Science, English and Maths. There is no audition or trial for this course.

Mathematics Courses

Mathematics AS/A2 - Edexcel

A level Maths is designed to appeal to the most able mathematicians in the year, particularly those students who are studying the higher tier and looking to study mathematics, statistics, computing or other maths related degrees at university. Career opportunities for mathematics are boundless. Mathematicians are in huge demand in all areas where analysis and numeracy are required, many end up in financial careers or in management, and, of course, for the deeply committed there are careers in teaching and research.

Are you considering a university course including statistics? The statistics module will help you prepare for this. Are you interested in solving problems? Maths A-level will interest you.

AS Maths - Core 1, Core 2 and Statistics 1.

Core 1

Algebra and fractions, co-ordinate geometry, sequences and series, differentiation, integration.

Core 2

Algebra and functions, coordinate geometry in the (X,Y) plane, sequences and series, trigonometry, exponentials and logarithms, differentiation, integration.

Statistics 1

Mathematics modules in probability and statistics, representation and summary of data, probability, and regression, discrete random variables, discrete distribution, the normal distribution.

A2 Maths - Core 3, Core 4 and Statistics 2.

Core 3

Algebra and fractions, trigonometry, exponentials and logarithms, differentiation, numerical methods.

Core 4

Algebra and fractions, coordinate geometry in the (X,Y) plane, sequences and series, differentiation, vectors.

Statistics 2

The binomial and poisson distributions, continuous and random variables, continuous distribution, samples, hypothesis tests.

Entry requirements - 5 grade C's or above to include a A* - B in mathematics.



Technology and work related learning courses

Design & Technology: Product Design, 3D - AQA

Product design is an interesting course with many varied career opportunities. The course provides a good balance between theory and practical, and is suited to those who would like to pursue a career in areas such as manufacturing, 2D and 3D design and architecture. This course is especially suited to those who like a good practical element to their work. It involves using analytical skills as well as creative ones in the coursework, and has a good balance between theory and practical!

The coursework element in Yr 12 is one major project completed over the year with a theme of your choice. A design folder and product realisation will be required for assessment. However, the emphasis is on producing a product with practical work the key. The examination is 1 x 2 hour examination paper with topics ranging from product analysis, materials, industrial processes and CAD/CAM.

The coursework element in Yr 13 is one major project again completed over the year with a theme of your choice. The emphasis is designing products in a 'real world' commercial situation where the designer works with the client. The examination is 1 x 2 hour examination paper with the topics ranging from a detail study of materials, smart fabrics, ergonomics, marketing and advertising, and the use of computer technology in manufacturing.

Entry requirements - Grade C or higher is preferred in a technology focused area, however, consideration will be given to students who do not meet this criteria.





Level 3 BTEC Certificate, Subsidiary Diploma, Diploma and Extended Diploma in Health and Social Care – Edexcel

This course can provide an excellent Pathway in to a university or to under take a Foundation Degree. This provides students with a chance to develop and gain an insight into Health and Social care and all other aspects of the health and care sector, you will look at many different types of situations, policies, services that are involved in the sector and also under take work experience, holistic care and look at all aspects of health. This course will help develop skills that you will be able to provide and offer within the health and care sector. All this will be done through problem solving, research and vocational learning.

The course consists of 8 core units plus specialist units which make up the total 18.

Entry Requirements

4 GCSE grades A*-C including a level 2 qualification in Health and Social care or Child Care and Development.

Level 3 BTEC Extended Diploma in Art and Design (Fashion and Clothing) - Edexcel

The BTEC National Extended Diploma in Art and Design (Fashion and Clothing) is a two year course designed to introduce students to work in the Fashion Industry. Students will learn how to design and manufacture garments using well equipped design technology rooms including computer aided design. All activities will be underpinned by a core of drawing /visualisation skills. The course consists of 18 units, 5 of which are core units. Assignments are set to explore various themes and lead up to a Final Major Project at the end of the second year.

Entry Requirements:

4 A* - C Grades at GCSE or an equivalent qualification - must include English and either Textiles or Art Course leaders will need to see a portfolio of art/textiles work before commencement of the course

Level 2 BTEC First Diploma in Beauty Therapy – Edexcel

This course is equivalent to 4 GCSE's and can be studied intensively over one year. It will prepare students for employment in the beauty industry and covers a range of skills necessary for work within the industry from manicure and pedicure treatments to waxing, make up for stage performers and client care and communication.

Course Description

The course is taught in units and assessed continually throughout the year in assignments. Some vocational experience will be built into the course for example students may be assessed on their make up for stage as part of one of the performances happening simultaneously within the Academy.

Entry Requirements

Grade C or Higher is preferred in the Technology focussed area of Food or a Level 2 BTEC course in Hospitality/Catering.

BTEC – Level 3 Children's Care, Learning & Development

Level 3 BTEC Certificate, Subsidiary Diploma, Diploma and Extended Diploma in Children's Care, Learning & Development
This course gives students the knowledge of Health & Social care specifically related to Birth, Infancy and Childhood. It can provide an excellent pathway into a University or work in the childcare sector. A work placement is required during the 2 yrs to complete the course and gives an opportunity to practice skills and qualities that are needed to care for children. The course focuses on the development, of the specific needs, and the safeguarding of children.

Entry Requirements

4 GCSE's at C & above or a Level 2 course in Health & Social care/Children's Care, Learning & Development.

Design Technology – Food – AQA AS Level

At AS, candidates will study nutrition and design/making food products. Knowledge of food science and the wide range of materials and components used in the making of food products are developed. Candidates are given the opportunity to develop and solve a problem relating to food design and making in the coursework, whilst the examination tests knowledge, understanding and design skills. They gain an understanding of industrial and commercial practices within the area of Food Technology:

- Unit 1 (FOOD1) Materials, Components and Application
- Unit 2 (FOOD2) Learning through Designing and Making.

A2 Outline

At A2, candidates build further upon the knowledge and practical skills gained at AS level. Candidates continue to develop design work, alongside an understanding of food science, processes and commercial food manufacture (the latter being focused upon in much more detail than at AS, where it is not a requirement of the coursework):

- Unit 3 (FOOD3) Design and Manufacture
- Unit 4 (FOOD4) Design and Making Practice.

Entry Requirements:

Grade C or Higher is preferred in the Technology focussed area of Food or a Level 2 BTEC course in Hospitality/Catering.

Level 2 BTEC First Diploma in Construction - Edexcel

This course is equivalent to 4 GCSE's. It will prepare students for employment and can be studied over one year intensively. It can prepare students for work in the Construction Industry from basic building techniques to decoration and building using wood.

Course Description

The course is split into a number of Units – three core Units which must be completed to Pass standard and then at least twelve units from the list of optional units, which cover a range of skills from painting and decorating to basic electrical and plumbing operations to floor tiling and brick work.

Entry Requirements

To gain the most from this course students should have studied a Construction course at level 1, to have gained the practical skills necessary to complete some of the units. The entry to the course is at the course leaders' discretion and applicants who have not completed construction courses at Level 1 can only be considered on an application by application basis. Students may also be subject to a practical test prior to the commencement of the course.

Level 3 BTEC National Extended Diploma or Subsidiary Diploma IT PRACTITIONER

The BTEC National IT Practitioner is an exciting course, which is transforming the way we learn at KS5. The majority of occupations demand the use of ICT, this course gives you an opportunity to develop skills that are essential to the needs of industry in the 21st Century.

You will gain skills in using the major application software packages, e.g. Adobe Flash, Fireworks, Dreamweaver and MS Office. You will learn to understand the hardware requirements for a computer system and offer advice on system upgrades. This course also gives you the opportunity to develop a range of thinking skills. You will learn to analyse, design, implement, test and review a range of ICT projects. The course also prepares you for the world of work by developing your communication and employability skills.

You are assessed through coursework that includes:

- Written assignments
- Practical activities such as upgrading a computer system
- Observations

Entry Requirements

You will require 5 GCSEs at grade C or above. You do not need a GCSE or equivalent qualification in ICT to enrol on the course in the sixth form.



£30m New LWA Building

Opening September 2011



Accessible via Intake Lane, the building will be designed around three hubs: Innovation, which will house Science, Technology, Maths and ICT; Diversity, which will house all Humanities, Modern Foreign Languages and PE; and a Communications hub which will be home to English, Performing Arts and Creative Digital Media Arts.

The innovative and inspiring new facilities will include; £1.8m devoted to new technologies to support teaching and learning including over 600 new computers (on a 2:1 student to computer ratio); video and editing suites; combinations of PC's and Apple Macs using the latest Adobe facilities; and fully interactive classrooms to support group learning.



Provision for our Sixth Form students will include:

- Common room with relaxation and study areas
- All day café exclusively for staff and sixth form students
- Extensive computer access and open learning areas
- Large library, with computers on mezzanine floor

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Bramley, Leeds LS13 1AH
T: 0113 229 5454 **F:** 0113 229 5522
E: info@leedswestacademy.co.uk
W: www.leedswestacademy.org.uk

Application procedure
Applications to Leeds West Academy is through the Leeds Pathways website at www.leedspathways.org.uk

E-ACT