

Subject Information Booklet

September 2024

AQA Level 3 Certificate

Applied General Science

Entry Requirements

5 GCSEs at grade 9-4, including English and Maths
Minimum grade 4 in GCSE English Language and Maths

Course Content:

Year 12

- Key concepts in science
- Applied experimental science
- Science in the modern world

Course Content:

Year 13

- The human body
- Investigating science

One of:

- Microbiology
- Medical physics
- Organic chemistry

Assessment:

Unit 1: Written exam

Unit 2: Portfolio

Unit 3: Written exam with pre-release material

Unit 4: Written exam

Unit 5: Portfolio

Optional

6a: Portfolio

6b: Portfolio

6c: Portfolio

Content

Key concepts in science

Applied experimental technique

Science in the modern world

The human body

Investigating science

Microbiology

Medical physics

Organic chemistry

What's different?

Learners will have the opportunity to learn scientific concepts in greater depth and then apply them into the world of work. They will be encouraged to think as scientists and apply their ideas to real problems in all 3 areas of science. As this qualification contains both examined and assignment-based assessment (both externally and internally assessed), the learner should be better prepared to adjust to the learner-centred ethos of higher educational study.

Careers: This qualification is supported by a range of universities and taken alongside other qualifications it can fulfil the entry requirements for a number of science-related higher education courses, including biomedical, forensic and sports science, as well as nursing and other NHS careers.

Enrichment opportunity: Students will be encouraged to use their knowledge to support the learning of lower school students in the area of working scientifically. As they learn about how the science is applied to relevant careers, they may also promote science-based courses in school.

Food for thought: *Science is a way of thinking much more than it is a body of knowledge - Carl Sagan*

Contact:

Ms P Handa

phanda@park-aspirations.org

AQA Art and Design

Entry Requirements

Minimum grade 5 in GCSE Art and Design (Art, 3D Art or Photography)

Course Content:

Component 1: Portfolio 60 % coursework

Students develop work in response to an idea, issue, concept or theme of their choice. Students must include written material of a critical analytical nature (1000-3000 words).

Component 2: Externally set assignment exam 40 %

Question paper containing a choice of eight starting points. Fifteen hours supervised to produce final piece(s).

Assessment:

You produce work for a final portfolio throughout the course.

Unit 1: Coursework practical project 60% of total A level marks

Unit 2: Controlled Assignment project 40% of total A level marks

You will need to keep on top of your workload to be successful. Students are expected to spend an additional 5 hours independent art study per week. All work for A level Art is marked out of 96 by Art Department staff and externally moderated by AQA.

What's different?

Have you ever wondered why so many creative people are successful in many different walks of life?

Our Art and Design courses are flexible and stimulate creativity, offering a high degree of choice and a range of different media, processes and techniques. All our courses give students the opportunity to produce a portfolio of work that they can show to prospective employers or use to help secure a place in higher education.

Alongside the practical expertise you'll develop in your studies, you'll also learn transferable skills valued in both higher education and the world of work:

- analytical thinking
- creative problem solving
- working independently
- research methods
- understanding how context shapes meaning
- how to communicate effectively.

Careers: A-level Art and Design can prepare you for a range of degree courses including: 2D and 3D animation, fashion and textile design, film and media studies, game design, illustration, product design, photography, set design

Enrichment opportunity: Various Art museums and Galleries. Opportunity to add your artistic flair to the sixth form development.

Food for thought: *Every Artist was first an amateur.* – Ralph Waldo Emerson

Contact:

Ms G Mattis

gmattis@park-aspirations.org

AQA Biology

Entry Requirements

Minimum grade 6-6 in GCSE Science and a grade 6 in GCSE Maths.

If Triple Science is taken, a grade 6 in GCSE Biology, one other science and GCSE Maths.

Course Content:

Year 12

- Biological molecules
- Cells
- Organisms exchange substances with their environment Genetic information, variation and relationships between organisms

Course Content:

Year 13

- Energy transfers in and between organisms
- Organisms respond to changes in their internal and external environments
- Genetics, populations, evolution and ecosystems
- The control of gene expression

Assessment:

Paper 1:
Written exam 2 hours
91 marks
35% of A-level

Content

Topics: 1-4 including relevant practical skills
Questions:
76 marks short and long answer questions
15 marks extended response questions

Paper 2:
Written exam 2 hours
91 marks
35% of A-level

Topics: 5-8 including relevant practical skills
Questions:
76 marks short and long answer questions
15 marks comprehension questions

Paper 3:
Written exam 2 hours
78 marks
30% of A-level

Topics: 1-8 including relevant practical skills
Questions:
38 marks structured questions including practical techniques
15 marks: critical analysis of given experiment
25 marks one essay from a choice of two titles

What's different?

A Level Biology will allow you to study familiar concepts from GCSE in much greater detail. The lessons will consist of small group teaching where there will be an increased emphasis on developing scientific enquiry skills as well as deepening your level of understanding in all topics. You will have access to specialist equipment to enhance your practical skills.

Careers: Teaching and research, biological science and technology, medical and health services, genetic counselling, health education, biochemistry, environmental health, pharmaceutical/medical product sales and marine biology

Enrichment opportunity: Various opportunities will be made available including a residential field studies trip and lectures at universities.

Food for thought: *Nothing in life is to be feared, it is only to be understood. Now is the time to understand more, so that we may fear less. – Marie Curie*

Contact:

Ms P Handa

phanda@park-aspirations.org

BTEC Extended Certificate Business (Single)

Entry Requirements

Minimum Level 2 pass in BTEC Enterprise, if taken.

Course Content

Year 12

Unit 1 Exploring Business

Unit 2 Developing a Marketing Campaign

Course Content

Year 13

Unit 3 Personal and Business Finance

Unit 8 Market Research

Assessment:

Unit 1 Exploring Business.
Coursework Assignments.

Unit 2 Developing a
Marketing Campaign
Supervised conditions in a
single 3 hour session.

Unit 3 Personal and
Business Finance
2 Hour written exam.

Unit 8 Market Research
Coursework Assignments.

Content

- Features of different businesses.
- Business organisation.
- Business markets.
- The role and contribution of innovation and enterprise to business success
- The principles and purposes of marketing.
- Using information to develop the rationale for a marketing campaign.
- Planning and developing a marketing campaign.
- Personal finance.
- Business finance.
- Examine the types of market research.
- Plan and implement a market research activity.
- Analyse and present market research findings.

What's different?

Most students would have never experienced a business-based course before, so this will be a fresh new experience. There is huge emphasis on understanding how businesses operate, business markets and impact that marketing has in the current digital age. Students will continue to develop as independent learners and begin to understand the mind-set of entrepreneurs

Careers: Banking, management consultancy, accounting, journalism, market analysis.

Enrichment opportunity: Various opportunities will be made available including visit to the bank of England and lectures at universities.

Food for thought: *A brand for a company is like a reputation for a person. You earn reputation by trying to do hard things well- Jeff Bezos*

Contact:

Ms F Basharat

fbasharat@park-aspirations.org

BTEC Diploma Business (Double)

Entry Requirements

Minimum 5 GCSEs 9 - 4 including Maths and English.

Minimum Level 2 pass in BTEC Enterprise, if taken.

Course Content

Year 12

Unit 4 Managing an Event

Unit 5 International Business

Course Content

Year 13

Unit 6 Principles of Management

Unit 22 Market Research.

Assessment:

Content

Units 1, 2, 3 and 22 assessed as outlined in the BTEC Extended Certificate information.

Unit 4 Managing an Event

- Roles of an event organiser
- Feasibility of a proposed event
- Developing plans for a business or social enterprise event
- Stage and manage a business or social enterprise event

Unit 5 International Business

- Exploration of the international context for business operations
- International economic environment in which business operates
- External factors that influence international businesses
- Cultural factors that influence international businesses
- Strategic and operational approaches to developing international trade

Unit 6 Principles of Management

- Definitions and functions of management
- Management and leadership styles and skills
- Managing human resources
- Factors influencing management, motivation and performance of the workforce
- Impact of change
- Quality management

Unit 22 Market Research

- Types of market research used in Business
- Implementing market research methods
- Analysing data collected from market research

What's different?

Most students would have never experienced a business-based course before, so this will be a fresh new experience. There is huge emphasis on understanding how businesses operate, business markets and impact that marketing has in the current digital age. Students will continue to develop as independent learners and begin to understand the mind-set of entrepreneurs

Careers: Banking, management consultancy, accounting, journalism, market analysis.

Enrichment opportunity: Various opportunities will be made available including visit to the bank of England and lectures at universities.

Food for thought: *A brand for a company is like a reputation for a person. You earn reputation by trying to do hard things well- Jeff Bezos*

Contact:

Ms F Basharat

fbasharat@park-aspirations.org

AQA Chemistry

Entry Requirements

Minimum grade 6-6 in GCSE Science and a grade 6 in GCSE Maths.

If Triple Science is taken, a grade 6 in GCSE Chemistry, one other science and GCSE Maths.

Course Content:

Year 12

- Physical Chemistry I
- Inorganic Chemistry I
- Organic Chemistry I

Course Content:

Year 13

- Physical Chemistry II
- Inorganic Chemistry II
- Organic Chemistry II

Assessment:

Paper 1:
Written exam 2 hours
105 marks
35% of A-level

Paper 2:
Written exam 2 hours
105 marks
35% of A-level

Paper 3:
Written exam 2 hours
90 marks
30% of A-level

Content

Topics: Physical Chemistry I and II, and Inorganic I+II including relevant practical skills

Questions:
105 marks short and long answer questions and extended response questions

Topics: Physical chemistry I+ II and Organic chemistry I + II including relevant practical skills

Questions:
105 marks short and long answer questions comprehension questions

Topics: All topics including relevant practical skills

Questions:
40 marks on practical techniques and data analysis
20 marks: testing across the specification
25 marks multiple choice questions

What's different?

A Level Chemistry will allow you to study familiar concepts from GCSE in much greater detail. The lessons will consist of small group teaching where there will be an increased emphasis on developing scientific enquiry skills as well as deepening your level of understanding in all topics. You will have access to specialist equipment to enhance your practical skills.

Careers: A Level Chemistry provides an excellent foundation for many careers both inside and outside of the field of science: Pharmacologist, chemical engineer, doctor, analytical chemist, environmental consultant, clinical biochemist, chemical industry, public services, publishing, technical writing, finance and investment analysis or unrelated fields such as accountancy, law, sales and marketing, consultancy.

Enrichment opportunity: Various opportunities will be made available including key skills for medicine, lectures at universities, guest speakers and Medical Mavericks.

Food for thought: *Education is the most powerful weapon which you can use to change the world*
– Nelson Mandela

Contact:

Mrs P Handa

phanda@park-aspirations.org

OCR Computer Science

Entry Requirements

Minimum grade 6 in GCSE Computer Science and GCSE Maths.

Course Content:

Year 12

- Structure and function of the processor
- Types of processor and system software
- Input, output and storage
- Application generation, software development
- Types of programming language
- Compression, encryption and hashing
- Databases and networks
- Web technologies
- Data types and structures
- Boolean algebra, computer-related legislation
- Ethical, moral and cultural issues
- NEA - Non-Examined Assessment

Course Content:

Year 13

- Thinking abstractly
- Thinking ahead
- Thinking procedurally
- Thinking logically
- Thinking concurrently
- Programming techniques
- Computational methods
- Algorithms
- NEA - Non-Examined Assessment

Assessment:

Paper 1: Computer Systems,
2 hours 30 mins, 140 marks,
40% of A-Level

Paper 2: Algorithms and
program, 2 hours 30 mins,
140 marks, 40% of A-level

Coursework (NEA):
70 marks
20% of A-level

Content

The characteristics of contemporary processors, input, output and storage devices
Types of software and the different methodologies used to develop software
Data exchange between different systems
Data types, data structures and algorithms
Legal, moral, cultural and ethical issues.

What is meant by computational thinking (thinking abstractly, thinking ahead, thinking procedurally etc.)
Problem solving and programming – how computers and programs can be used to solve problems
Algorithms and how they can be used to describe and solve problems.

Non-exam assessment.
Students will be expected to analyse a problem, and design, develop and test, and evaluate and document a program.

What's different?

Within this course, you will study a range of theory topics. These include the principles and understanding linked to programming, hardware and software, networks, systems development life cycles and implications of computer use.

Careers: Application analyst/developer, cyber security analyst, data analyst, forensic analyst, game designer, machine learning engineer, software engineer, systems analyst, web designer.

Enrichment opportunity: Various opportunities will be made available including an opportunity to visit the ParisComputing LIVE! Student Event at Disneyland® Paris.

Food for thought: *"The most important skill for a computer scientist is problem-solving. Even if you don't know all the details of the technology you are using, if you can solve the problem, you can figure out how to do it."* - Bill Gates

Contact:

Ms N Ellis

nellis@park-aspirations.org

BTEC Extended Certificate

Digital Musical Production

Entry Requirements

Minimum Level 2 Pass in BTEC Music or grade 4 in GCSE Music.

Course Content:

Year 12

- Music and Sound for Media
- DAW Production
- Remixing and Reworking

Course Content:

Year 13

- Mixing and Mastering Techniques
- Commercial Music Production

Assessment:

Unit 3: Music and Sound for Media

Content

- Understand the use of music and sound in media products.
- Develop sound for use in media products.
- Develop music for media products.

Unit 6: DAW Production
Externally assessed
15 Hours

The final submission will include:

- A fully produced, arranged and mixed piece of music
- Written production notes highlighting the key creative techniques used.

Unit 10: Remixing and Reworking

- Understand a variety of remixing techniques.
- Developing and reviewing, remixing styles and production techniques.
- Carry out a remix using audio and MIDI sequencing techniques.

Unit 13: Mixing and Mastering Techniques

- Understand mixing and mastering software techniques.
- Develop a mix down of a multitrack project.
- Carry out the production of a mastered stereo audio file.

Unit 16: Commercial Music Production

- Explore the creation of commercially successful.
- Create a finished commercial music product.
- Review production processes used in creation of commercially successful music.

What's different?

This course is a basis of study for the music production sector with a focus on music and sound for media and DAW production. You will study some familiar concepts from key stage 4 courses with an increased emphasis on using music software for production.

Careers: Audio Visual Specialist, Music Producer, Music Director, Media and Event Support Specialist, Keyboard and Studio Recording Specialist, Music Instructor, Studio Engineer, Studio Manager, Director of Audio/Visual Events, Audio and Lighting Technician, Owner and Entrepreneur.

Enrichment opportunity: Various opportunities will be made available including live performances, visiting performance venues, a recording studio or publishing house.

Food for thought: *The theatre is 'the greatest of all art forms, the most immediate way in which a human being can share with another the sense of what it is to be a human being' – Oscar Wilde*

Contact:

Ms C Simon

csimon@park-aspirations.org

Edexcel Economics

Entry Requirements

Minimum grade 6 in GCSE English and GCSE Maths.

Course Content:

Year 12

Theme 1: Intro to markets & market failure

- This theme focuses on microeconomic concepts.

Theme 2: The UK economy – performance and policies

- This theme focuses on macroeconomic concepts.

Course Content:

Year 13

Theme 3: Business behaviour and the labour market.

- This theme develops the microeconomic concepts introduced in Theme 1 and focuses on business economics.

Theme 4: A global perspective.

- This theme develops the macroeconomic concepts introduced in Theme 2 and applies these concepts in a global context.

Assessment:

Theme 1: Intro to markets & market failure:

Content

Nature of economics.
How markets work.
Market failure
Government intervention.

Theme 2: The UK economy- performance and policies

Measures of economic performance
Aggregate demand and supply
National income
Economic growth
Macroeconomic objectives and policy.

Theme 3: Business behaviour and the labour market

Business growth and objectives
Revenues, costs and profits
Market structures
Labour market
Government intervention.

Theme 4: A global perspective.

- International economics
- Poverty and inequality
- Emerging and developing economies
- The financial sector
- Role of the state in the macroeconomy.

What's different?

Most students would have never done economics before, so this will be a fresh new experience. There is huge emphasis on debate, discussion and analysis using economic models.

Careers: Banking, management consultancy, accounting, journalism, market analysis.

Enrichment opportunity: Various opportunities will be made available including visits to banks.

Food for thought: *Nothing in life is to be feared, it is only to be understood. Now is the time to understand more, so that we may fear less. – Marie*

Contact:

Ms F Basharat

fbasharat@park-aspirations.org

Edexcel English Literature

Entry Requirements

Minimum of a Grade 6 in English Language and English Literature

Course Content

Year 12

- Othello, Shakespeare
- A Streetcar Named Desire, Tennessee Williams
- The Handmaid's Tale, Margaret Atwood
- Frankenstein, Mary Shelley
- Coursework – selection of own texts.

Course Content

Year 13

- The Romantics, Poetry
- Modern Poetry
- Revision of Year 12 texts and CW

Assessment:

Component 1:

Written exam
2 hours 15 mins
30% of A-level

Content

Topic: Drama

This is an open book exam (clean copies of the text can be taken in)
You will answer two questions: one, from a choice of two, on each text studied.

Tragedies:

- Shakespeare Play (Othello)
- Post 1900 Drama (A Streetcar Named Desire)

Component 2:

Written exam
1 hour 15 mins
20% of A-level

Topic: Prose

This is an open book exam (clean copies of the text can be taken in)
You will answer one comparative essay question, from a choice of two.

Science and Society:

- Pre 1900 (Frankenstein)
- Post 1900 (The Handmaid's Tale)

Component 3:

Written exam
2 hours 15 mins
30% of A-level

Topic: Poetry

This is an open book exam. You will answer two questions: one, from a choice of two, comparing an unseen poem with a named contemporary poem from the texts studied and one question, from a choice of two, on your studied poet/movement.

Poetry Anthologies:

- Post 1900 (a selection of modern poetry from *Poems of the Decade*: Pre 1900
- The Romantics

Component 4:

Coursework
20% of A-level

Topic: Non-exam Assessment (Coursework)

2500-3000 word comparative essay on texts of student's choice.

What's different? English Literature at A Level will allow you to use your knowledge and skills from GCSE with much greater freedom. The lessons will consist of small group teaching where there will be an increased emphasis on students taking control of their own learning, having the freedom to choose coursework titles and working collaboratively.

Careers: An A Level in English Literature is a great foundation for many careers: Law, Business, Administration, Politics, and Journalism. It is a subject that provides good grounding for most academic degree courses and apprenticeships that require sophisticated knowledge, literacy and analytical skills.

Enrichment opportunity: Various opportunities will be made available including attending exam board study sessions and the potential to watch a performance of one of the texts

Food for thought: *There is no darkness but ignorance.* – William Shakespeare

Contact:

Mrs A Singh

asingh@park-aspirations.org

Eduqas Film Studies

Entry Requirements

Minimum of a Grade 5 in English Language and English Literature

Course Content

Year 12

- An Introduction to Film Studies: Global Film
- Hollywood Cinema
- Getting Creative: Production

Course Content

Year 13

- British Cinema
- Film Movements
- Exam Preparation

Assessment:

Component 1:

Written exam

2 hours 30 mins

35% of A-level

Content

Topic: Varieties of film and filmmaking

This component assesses knowledge and understanding of six feature-length films.

- *Section A: Hollywood 1930-1990 (comparative study)*
- *Section B: American film since 2005/2012 (two-film study)*
- *Section C: British film since 1995 (two-film study)*

Component 2:

Written exam

2 hours 30 mins

35% of A-level

Topic: Global filmmaking perspectives

This component assesses knowledge and understanding of five feature-length films (or their equivalent).

- *Section A: Global film (two-film study)*
- *Section B: Documentary film*
- *Section C: Film movements – Silent cinema*
- *Section D: Film movements – Experimental film (1960-2001)*

Component 3:

Coursework

30% of A-level

Topic: Production

This component assesses one production and its evaluative analysis. Learners produce: either

- *a short film (4-5 minutes) or a screenplay for a short film (1600-1800 words) plus a digitally photographed storyboard of a key section from the screenplay*
- *an evaluative analysis (1600 - 1800 words)*

What's different? Eduqas A Level in Film Studies has been designed to ignite a passion for film and encourage broader cultural and historical perspectives on this academic area of study. It encourages learners to watch, engage critically with and explore a wide range of film; to develop and sustain confident, personal responses to film via textual analysis; and to enjoy a variety of critically acclaimed films across the major genres.

Careers: An A-Level in Film Studies is a great foundation for a wide range of careers either directly related to the Film Industry such as production roles within Film, TV and Media, Journalism, photojournalism. A good degree in a creative arts subject like Film Studies can also develop a wide range of transferable skills including analysis, visual communication, problem solving.

Enrichment opportunity: Various opportunities will be made available including attending exam board study sessions and excursions to London Film Academy.

Food for thought: *Cinema is a mirror by which we often see ourselves - Alejandro Gonzalez Inarritu*

Contact:

Mrs A Singh

asingh@park-aspirations.org

AQA French

Entry Requirements

Minimum grade 7 in GCSE French.

Course Content:

Year 12

Social Issues and trends

- The changing nature of family
- The 'cyber-society'
- The place of voluntary work
- Positive features of a diverse society
- Life for the marginalised
- How criminals are treated
- Grammar & Structures

Course Content:

Year 13

Political and artistic culture

- A culture proud of its heritage
- Contemporary francophone music
- Cinema
- Teenagers, the right to vote and political commitment
- Demonstrations/strikes
- Politics & immigration
- Grammar & Structures

Assessment:

Paper 1:

Listening, reading and

writing 2.5 hours

100 marks, 50% of A-level

Paper 2:

Written exam 2 hours

80 marks, 20% of A-level

Paper 3:

Oral exam 21-23 minutes

60 marks, 30% of A-level

Content

Topics: 3.1 & 3.2

Questions:

Listening questions (30 marks)

Reading questions (50 marks)

Translations - English & French – (10 marks each)

Topics: One text and one film or two texts from given list

Questions:

80 marks – 300 words per essay

Either one question in French on a set text from a choice of two questions and one question in French on a set film from a choice of two questions or two questions in French on set texts from a choice of two questions on each text.

Topics: Individual research project & One of four themes (Aspects of French-speaking society: current trends, Aspects of French-speaking society: current issues, Artistic culture in the French-speaking world, Aspects of political life in the French-speaking world)

Questions:

Discussion (25 marks), Presentation of individual research project (35 marks)

What's different?

A Level French is an exciting step up, not only in terms of the language but also the content. We cover the ever-changing society in French speaking countries and take on more mature subject matters such as diversity, the law and politics. You will have a chance to prepare your own action research project and study authentic visual & literary materials.

Careers: Opportunities in finance, business and travel are accessible through knowledge of a second language. Other opportunities include teaching, translation and work within international organisations.

Enrichment opportunity: Established links with UK and Francophone schools and universities will allow for immersive experiences.

Food for thought: *One language sets you in a corridor for life. Two languages open every door along the way. – Frank Smith*

Contact:

Ms Chetti

jchetti@park-aspirations.org

BTEC Extended Certificate

Health & Social Care (Single)

Entry Requirements

Minimum Level 2 pass in BTEC Health & Social Care, if taken.

Course Content

Year 12

- Unit 1 Human Lifespan Development
- Unit 5 Meeting Individual Care and Support Needs

Course Content

Year 13

- Unit 2 Working in Health and Social Care
- Unit 12 Supporting Individuals with Additional Needs

Assessment:

Unit 1:

Written exam 1 hour 30 mins
90 marks

Unit 2:

Written exam 1 hour 30 mins
80 marks

Unit 5 and Unit 12:

Coursework I

Content

Topics: 3 Learning Aims A, B and C

Questions:

2 - 8 marks short and long answer questions

0 marks extended response questions

Topics: 3 Learning Aims A, B and C. 4 scenarios

Questions:

2-6 marks short and long answer questions

8 marks comprehension questions

Unit 5 Topics: 4 Learning Aims A, B, C and D

18 criteria to complete

Unit 12 Topics: 3 Learning Aims A, B and C

12 criteria to complete

What's different?

Level 3 Health and Social Care provides students with the opportunity to develop knowledge of this professional sector further. The course content is taught through a variety of professional jobs and is linked to case studies to provide students with an insight into the professional world of work. The Extended Certificate is the equivalent to 1 A Level.

Careers: This course will provide knowledge of a variety of roles in the professional world including: specialist consultants, radiographers, midwives, nurse practitioners with different specialisms, social worker, physiotherapist, psychotherapist, dietician, health visitors, care managers and many more.

Enrichment opportunity: Various opportunities will be made available including projects with care homes and University lectures.

Food for thought: *One person can make a difference, and everyone should try. – John Fitzgerald Kennedy*

Contact:

Mrs K Whitcomb

kwhitcomb@park-aspirations.org

BTEC Diploma

Health & Social Care (Double)

Entry Requirements

Minimum Level 2 pass in BTEC Health & Social Care, if taken.

Course Content

Year 12

- Unit 1 Human Lifespan Development
- Unit 2 Working in Health and Social Care
- Unit 5 Meeting Individual Care and Support Needs
- Unit 14 Physiological Disorders and their Care

Course Content

Year 13

- Unit 4 Enquiries into Current Research in Health and Social Care
- Unit 7 Principles of Safe Practice in Health and Social Care
- Unit 8 Promoting Public Health
- Unit 12 Supporting Individuals with Additional Needs

Assessment:

Unit 1:

Written exam 1 hour 30 mins, 90 marks

Content

Topics: 3 Learning Aims A, B and C

Questions:

2 - 8 marks short and long answer questions

10 marks extended response questions

Topics: 4 scenarios

Unit 2:

Written exam 1 hour 30 mins, 80 marks

Questions:

2-6 marks short and long answer questions

8 marks comprehension question

Topics: 3 Learning Aims A, B and C

4 exam questions

Unit 4:

Controlled Assessment

Students are given a research article (Part A) four weeks prior to a supervised assessment period in order to carry out secondary research.

Part B is a supervised assessment period of three hours

All other units are coursework based

What's different?

Level 3 Health and Social Care provides students with the opportunity to develop knowledge of this professional sector further. The course content is taught through a variety of professional jobs and is linked to case studies to provide students with an insight into the professional world of work. The Diploma course is the equivalent to two A Levels.

Careers: This course will provide knowledge of a variety of roles in the professional world including: specialist consultants, radiographers, midwives, nurse practitioners with different specialisms, social worker, physiotherapist, psychotherapist, dietician, health visitors, care managers and many more.

Enrichment opportunity: Various opportunities will be made available including projects with care homes and University lectures.

Food for thought: *One person can make a difference, and everyone should try. – John Fitzgerald Kennedy*

Contact:

Mrs K Whitcomb

kwhitcomb@park-aspirations.org

Edexcel History

Entry Requirements

Minimum grade 6 in English and grade 6 in History.

Course Content:

Year 12

- Britain Transformed, 1918-97
- The USA, 1920-55: boom, bust and recovery
- Coursework

Course Content:

Year 13

- The Witch craze in Britain, Europe and North America, c1580-c1750
- Coursework

Assessment:

Paper 1:

Examination lasts 2 hours

15 minutes

60 marks

30% of A-level

Paper 2:

Examination lasts 1 hour 30

minutes

40 marks

20% of A-level

Paper 3:

Examination lasts 2 hours

15 minutes

60 marks

30% of A-level

Coursework:

40 marks

20% of A-level

Content

Students answer three questions: one from Section A, one from Section B and one from Section C.

Section A comprises a choice of two essay questions

Section B comprises a choice of two essay questions

Section C comprises one compulsory question that assesses the ability to analyse and evaluate interpretations (AO3)

Students answer two questions: one from Section A and one from Section B.

Section A comprises one compulsory question for the option studied

Section B comprises a choice of two essay questions that assess understanding of the period in depth

Students answer three questions: one from Section A, one from Section B and one from Section C.

Section A comprises one compulsory question

Section B comprises a choice of two essay questions

Section C comprises a choice of two essay questions

Students carry out an independently-researched enquiry requiring them to analyse and evaluate historical interpretations and to organise and communicate the findings (AO3, AO1)

The assignment is set by the centre on a question, problem or issue that has generated disagreement among historians.

What's different?

Aspects that are different include delivery by specialist teachers in much smaller groups and completion of an assignment of 3000 - 4000 words. There is a much greater demand on students to work independently both within the class and in their own time. Large levels of background reading and research are a standard expectation.

Careers: A Level History provides an excellent foundation for many careers such as research, journalism, law, teaching and lecturing to name but a few.

Enrichment opportunity: Where possible, various opportunities will be made available.

Food for thought: *Progress is measured by the speed at which we destroy the conditions that sustain life. — George Monbiot*

Contact:

Ms S Scarr

sscarr@park-aspirations.org

BTEC

Information Technology

Entry Requirements

5 GCSEs at grade 9-4, including English and Maths.

Course Content:

Year 12

- Unit 1: Information Technology Systems
- Unit 2: Creating Systems to Manage Information

Course Content:

Year 13

- Unit 3: Using Social Media in Business
- Unit 5: Data Modelling

Assessment:

Paper 1: Information Technology Systems, 2 hours, 90 marks

Paper 2: Creating Systems to Manage Information, 2 hours, 66 marks

Coursework

Content

AO1 Demonstrate knowledge and understanding of information technology terms, standards, concepts and processes

AO2 Apply knowledge and understanding of information technology terms, standards, concepts and processes

AO3 Select and use information technologies and procedures to explore likely outcomes and find solutions to problems in context

AO4 Analyse and evaluate information, technologies and procedures in order to recommend and justify solutions to IT problems

AO5 Make connections between the application of technologies, procedures, outcomes and solutions to resolve IT problems

Using Social Media in Business and Data Modelling

What's different?

This qualification is designed for learners who are interested in an introduction to the study of creating IT systems to manage and share information, alongside other fields of study, with a view to progressing to a wide range of higher education courses, not necessarily in IT.

Careers: Data analyst, data scientist, systems analyst, computer sales support, database administrator, network administrator, IT support analyst, web developer.

Enrichment opportunity: Various opportunities will be made available including trips and guest speakers from industry.

Food for thought: *"It's not that we use technology, we live technology."* – Godfrey Reggio

Contact:

Ms N Ellis

nellis@park-aspirations.org

Edexcel Mathematics

Entry Requirements

Minimum Grade 7 in GCSE Maths.

Course Content:

Year 12

- Algebra
- Polynomials and the binomial theorem
- Trigonometry
- Differentiation and integration
- Exponentials and logarithms
- Vectors
- Statistics
- Mechanics

Course Content:

Year 13

- Algebra
- Sequences
- Trigonometric Identities
- Differentiation
- Integration
- Numerical methods
- Mechanics Statistics

Assessment:

Content

Paper 1: Pure Mathematics:

33% of A- Level; 2 hours;

100 marks

Any Pure content can be assessed on either paper

Paper 2: Pure Mathematics:

33% of A- Level; 2 hours;

100 marks

Paper 3: Statistics and
Mechanics: 33% of A- Level;
2 hours; 100 marks

Section A: statistics (50 marks)
Section B: Mechanics (50 marks)

What's different?

You will be given the opportunity to study Maths in great detail and see how it can be linked with other areas of the curriculum. The mechanics element will greatly support in Physics whilst the statistics section links with Geography, Economics, Biology and Psychology.

Careers: A Level Mathematics is required for most university courses in Maths, Physics, Chemistry, Engineering, Architecture, Economics, Management Science and Computer science. Mathematics is estimated to increase long term earnings by 7 to 10%. Mathematics gives opportunities in many different careers including: Accountancy, Engineering, teaching, Marketing and Financial analysis.

Enrichment opportunity: Various opportunities will be made available including opportunities to participate in the UK National Maths Challenge.

Food for thought: *If people do not believe that mathematics is simple, it is only because they do not realise how complicated life is.* - John von Neumann

Contact:

Ms C Scott

cscott@park-aspirations.org

WJEC Diploma

Medical Science

Entry Requirements

Minimum grade 5-5 in GCSE Science and a grade 4 in GCSE Maths.

Course Content:

Year 12

- Human health and disease
- Physiological measurement techniques
- Medical science research methods

Course Content:

Year 13

- Medicines and treatment of disease
- Clinical laboratory techniques
- Medical case study

Assessment:

Unit 1:

Written exam 2 hours
90 marks
25% of Diploma

Content

Topics: Unit 1-3 including case study

Questions:

Section A – Case study questions
Section B- Testing all content for the year

Unit 5:

Externally marked
coursework,
12.5% of Diploma

Topics: 5 – Clinical laboratory techniques

Unit 6:

Written exam 1.5 hours
75 marks, 12.5% of Diploma

Topics: All content from Unit 1-5 including Case study

What's different?

Medical Science is the science of dealing with the maintenance of health and the prevention and treatment of diseases. The Level 3 Applied Diploma in Medical Science is for learners who are interested in careers related to healthcare and medical research. Medical scientists are at the forefront of healthcare services, as they are vital in the diagnosis of disease, determining the effectiveness of treatments and searching for new cures. Park Academy is one of the few schools in London to offer this qualification to equip our learners with scientific knowledge and practical skills that would support progression to a range of job roles within healthcare.

Careers: Students will have regular contact with outside health organisations such as doctors, consultants, nurses enabling students to develop an understanding of the role of the professionals working in the NHS. In both Year 12 and Year 13 students will have to run two large projects and collect data and present their data to other members of the Science Department.

Enrichment opportunity: Various opportunities will be made available including first-hand access to medical screening such as ECG, ultrasounds, spirometers and blood pressure machines

Food for thought: *Live as you were to die tomorrow. Learn as if you were to live forever- Mahatma Gandhi*

Contact:

Ms P Handa

phanda@park-aspirations.org

BTEC Extended Certificate

Performing Arts (Acting)

Entry Requirements

Minimum Level 2 Merit in Performing Arts or a grade 5 in GCSE Drama.

Course Content:

Year 12

Investigating Practitioner's Work

- Study a range of different practitioners
- Create performances using different styles of Theatre
- Skills and techniques for live Performance
- Explore and develop skills used by performers
- Create and develop performances

Course Content:

Year 13

Group performance workshop

- Create a Theatre in Education performance, aimed at a specific age group and then deliver this through an interactive session

Improvisation

- Develop and hone your improvisation skills
- Create performances using improvising and then rehearse a final performance

Assessment:

Unit 1 – Investigating Practitioner's Work

Content

- Filmed whole class workshops
- Scripted performance using a practitioner

Unit 2 – Developing skills and techniques for live performance

- Filmed whole class workshops
- Devised performance using a variety of skills

Unit 3 – Group performance workshop

- Devised performance using Theatre in Education
- Performance to an audience

Unit 21 –Improvisation

- Filmed whole class workshops
- Improvised performances

What's different?

Throughout the course, you explore several texts ranging from 4:48 Psychosis by Sarah Kane and Metamorphosis by Stephen Berkoff whilst using practitioners Artaud and the Theatre of Cruelty as well as Stanislavski and Naturalism. Through developing characterisation, emotions and storylines, we will aim to engage and stimulate audiences of all ages.

Careers: Teaching, actor/performer, other Theatre/TV/film roles. Past students have gone on to work in law, the police, marketing, sales, civil service, education, theatre and many more.

Enrichment opportunity: Performance events to live audiences, developing a workshop and working with local Primary Schools, organising front and back of house at any in school events.

Food for thought: *The theatre is 'the greatest of all art forms, the most immediate way in which a human being can share with another the sense of what it is to be a human being' – Oscar Wilde*

Contact:

Ms C Simon

csimon@park-aspirations.org

OCR Philosophy (RS)

Entry Requirements

5 GCSEs at grades 9-5 including English and Maths

Minimum grade 6 in a Humanities subject

Course Content:

Year 12

Philosophy of Religion

- Ancient philosophical influences
- The nature of the soul, mind and body
- Arguments about the existence or non-existence of God
- The challenge for religious beliefs of the problem of evil

Religion and Ethics

- Normative ethical theories
- The application of ethical theory to two contemporary issues of importance
- Ethical language and thought

Development in Religious Thought

- Religious beliefs, values, and teachings, their connections and how they vary historically and in the contemporary world
- Sources of wisdom and authority practices that shape and express religious identity, and how these vary within a tradition

Course Content:

Year 13

Philosophy of Religion

- The nature and impact of religious experience
- Ideas about the nature of God
- Issues in religious language

Religion and Ethics

- Debates surrounding the significant idea of conscience
- Sexual ethics and influence on ethical thought of development in religious beliefs

Development in Religious Thought

- Significant social and historical development in theology and religious thought
- Key theme related to the relationship between religion and society. The key themes are: Feminism, Marxism, and Liberation theology.

Assessment:

Content

Paper 1: 2 hours, 120 marks Topics: Philosophy of Religion

Paper 2: 2 hours, 120 mark Topics: Religion and Ethics

Paper 3: 2 hours, 120 marks Topics: Development in Religious Thought

What's different?

In Philosophy of religion, learners will study philosophical issues and questions raised by religion and belief. These include arguments regarding the existence or non-existence of God, the nature and influence of religious experience, and the problems of evil and suffering. Religion and ethics is characterised by the study of ethical language and thought.

Careers: Lecturing, teaching, advice worker, archivist, work within 'third sector' organisations, counselling, community development worker, and police officer or youth worker.

Enrichment opportunity: Sixth-form students are encouraged to help lower school students through enshrinement clubs or by mentoring a KS4 student and helping with their Religious studies GCSE.

Food for thought: *"Science gives us knowledge, but only philosophy can give us wisdom."* - Will Durrant

Contact:

Ms K Bimson

kbimson@park-aspirations.org

AQA Photography

Entry Requirements

Minimum grade 5 in GCSE Art and Design (Art, 3D Art or Photography)

Course Content:

Component 1: Portfolio 60 % coursework

Students develop work in response to an idea, issue, concept or theme of their choice. Students must include written material of a critical analytical nature (1000-3000 words).

Component 2: Externally set assignment exam 40 %

Question paper containing a choice of eight starting points. Fifteen hours supervised to produce final piece(s).

Assessment:

You produce work for a final portfolio throughout the course.

Unit 1: Coursework practical project 60% of total A level marks

Unit 2: Controlled Assignment project 40% of total A level marks

You will need to keep on top of your workload to be successful. Students are expected to spend an additional 5 hours independent art study per week.

All work for A level Art is marked out of 96 by Art Department staff and externally moderated by AQA

What's different?

Photography: take this opportunity to look, learn and communicate ideas in a way that is personal to you. Areas of study include portraiture, documentary photography, fashion photography and experimental imagery. Alongside the practical expertise you'll develop in your studies, you'll also learn transferable skills valued in both higher education and the world of work: analytical thinking, creative problem solving, working independently, research methods, understanding how context shapes meaning and how to communicate effectively.

Careers: A-level Photography can prepare you for a range of degree courses including: Photography, Film and media photography, Digital media, fashion photography

Enrichment opportunity: Various Art museums and Galleries. Opportunity to add your artistic flair to the sixth form development.

Food for thought: *Every Artist was first an amateur.* – Ralph Waldo Emerson

Contact:

Ms G Mattis

gmattis@park-aspirations.org

AQA Physics

Entry Requirements

Minimum grade 6-6 in GCSE Science and a grade 7 in GCSE Maths.

If Triple Science is taken, a grade 6 in GCSE Physics and one other science and grade 7 in GCSE Maths.

Course Content:

Year 12

- Measurements and their errors
- Particles and radiation
- Waves
- Mechanics and materials
- Electricity

Course Content:

Year 13

- Further mechanics and thermal physics
- Fields and their consequences
- Nuclear physics

Optional section

- Astrophysics
- Medical physics
- Engineering physics
- Turning points in physics
- Electronics

Assessment:

Paper 1:

Written exam 2 hours
85 marks
34% of A-level

Paper 2:

Written exam 2 hours
85 marks
34% of A-level

Paper 3:

Written exam 2 hours
80 marks
32% of A-level

Content

Topics: 1-5 and 6.1 (Periodic motion)

Questions:

60 marks short and long answer questions
25 marks Multiple choice questions

Topics: 6.2 (Thermal physics) - 8

Questions:

60 marks short and long answer questions
25 marks Multiple choice questions

Topics: Section A Compulsory section: Practical skills and data analysis
Section B: Students enter for one of sections 9, 10, 11, 12 or 13

Questions:

45 marks 45 marks of short and long answer questions on practical experiments and data analysis.

35 marks of short and long answer questions on optional topics.

What's different?

A Level Physics will allow you to study familiar concepts from GCSE in much greater detail. The course is more rigorous with in-depth long answer explanations required and high-level mathematics fundamental to all topics. You will have access to specialist equipment to enhance your practical skills.

Careers: Teaching and research, engineering, astrophysicist, astrologist, research, chemical engineer, data analyst, laser engineer, design engineer, architect, experimental AI cancer doctor.

Enrichment opportunity: Various opportunities will be made available including NPL in Teddington, visit to Rutherford Appleton Lab and lectures at universities.

Food for thought: *When something is important enough, you do it even if the odds are not in your favour.* – Elon Musk

Contact:

Ms P Handa

phanda@park-aspirations.org

AQA Psychology

Entry Requirements

Minimum grade 5 in GCSE English and grade 5 in GCSE Maths.

Course Content:

Year 12

- Social Influence
- Memory
- Attachment
- Psychopathology
- Approaches in Psychology
- Research methods

Course Content:

Year 13

- Biopsychology
- Issues and debates in Psychology
- Relationships
- Schizophrenia
- Aggression

Assessment:

Paper 1:

Written exam 2 hours
96 marks
33.3 % of A-level

Content

Topics: 1-4 (Introductory Topics in Psychology)

Questions:

Section A-D, multiple choice, short answer and extended writing (24 marks each)

Paper 2:

Written exam 2 hours
96 marks
33.3 % of A-level

Topics: 5-7 Topics: 5- 7 (Psychology in Context)

Questions:

Section A-B: multiple choice, short answer and extended writing, 24 marks
Section C; multiple choice, short answer and extended writing, 48 marks

Paper 3:

Written exam 2 hours
96 marks
33.3% of A-level

Topics: 9, 13, 15 Issues and Options

Questions:

38 marks structured questions including practical techniques
15 marks: critical analysis of given experiment
25 marks one essay from a choice of two titles

What's different?

An A Level in Psychology would provide students with an in-depth understanding of human behaviour. They will also gain the ability to conduct research and will critically review studies that were conducted to discover more about the human mind. It is a great foundation for many careers in law, journalism, psychiatry, social work, counselling and the police, amongst others. During the course, you will learn how different approaches explain human behaviour, how behaviour is studied and analysed and how to conduct your own research. You will also learn how to critically analyse both studies and theories.

Careers: Law, journalism, psychologist, law enforcement, education, social work, counselling.

Enrichment opportunity: As well as the exciting opportunities that the course itself brings we will also offer visits to see the subject in action in the real world and school journeys to enhance the learning in the classroom.

Food for thought: *One day, in retrospect, the years of struggle will strike you as the most beautiful.*
- Sigmund Freud

Contact:

Ms S Zaheer

szaheer@park-aspirations.org

AQA Sociology

Entry Requirements

Minimum grade 5 in GCSE English.

Course Content:

Year 12

- Education with Theory and Methods
- Culture and Identity

Course Content:

Year 13

- Crime and Deviance with Theory and Methods
- Global Development

Assessment:

Paper 1:

Written exam 2 hours
80 marks
33.3 % of A-level

Content

Topics: Education with Theory and Methods

Questions:

Education: Short answer and extended writing, (50 marks)

Methods in Context: extended writing (20 marks)

Theory and Methods: Extended writing (10 marks)

Paper 2:

Written exam 2 hours
80 marks
33.3 % of A-level

Topics: 4.2.1, 4.2.5 (Topics in Sociology)

Questions:

Section A: Extended writing (40 marks)

Section B: Extended writing (40 marks)

Paper 3:

Written exam 2 hours
80 marks
33.3% of A-level

Topics: 4.3.1_Crime and Deviance with Theory and Methods

Questions:

Crime and Deviance: Short answer and extended writing (50 marks)

Theory and Methods extended writing (30 marks)

What's different?

An A Level in Sociology prepares students for a lifetime of change by developing an appreciation of diversity and developing an understanding of human behaviour, social organisation, culture and change. Sociology helps us look more objectively at our society and critically approach issues around culture, identity, religion and crime. During the course, you will critically analyse issues around culture and identity, families and households, health, work, poverty and welfare, global development, the media and differentiation.

Careers: Law, journalism, sociologist, law enforcement, education, social work, counselling, researcher, politician, government.

Enrichment opportunity: As well as the exciting opportunities that the course itself brings we will also offer work related placements, attend seminars and lectures to enable students to experience a higher education environment.

Food for thought: *Everybody should do at least two things each day that he hates to do, just for practice.* - William James

Contact:

Ms S Zaheer

szaheer@park-aspirations.org

BTEC Extended Certificate Sport (Single)

Entry Requirements

Minimum Level 2 Merit in Sport or Grade 5 in GCSE PE.

Course Content

Year 12

- Unit 1: Anatomy and Physiology
- Unit 2: Fitness Training and Programming for Health, Sport and Well-being
- Unit 3: Professional Development in the Sports Industry

Course Content

Year 13

- Unit 4: Sports Leadership

Assessment:

Unit 1

Written exam

Content

Anatomy and Physiology

Unit 2

Supervised assessment

Fitness Training and Programming for Health, Sport and Well-being

Unit 3

Internally assessed
coursework

Professional Development in the Sports Industry

Unit 4

Internally assessed
performance

Sports Leadership

What's different?

This course is focused on the holistic development of the practical, interpersonal and thinking skills required to be able to succeed in employment and higher education. Students will learn about Anatomy and Physiology and the relationship between Biology, Sport Injury and the Psychology of Sport. BTEC Sport allows students to look at different career pathways throughout the course, including business within the sport and active industry.

Careers: Teaching, sports coach, sports research, medical and health services, sport and active businesses.

Enrichment opportunity: Various opportunities to coach and perform several different sports, trips to varying sporting businesses and companies.

Food for thought: *You win by effort, by commitment, by ambition, by quality, by expressing yourself individually but in the team context – Jose Mourinho*

Contact:

Mr R Chessman

rchessman@park-aspirations.org

BTEC Diploma Sport (Double)

Entry Requirements

Minimum Level 2 Merit in Sport or Grade 5 in GCSE PE.

Course Content

Year 12

- Unit 1: Anatomy and Physiology
- Unit 2: Fitness Training and Programmes
- Unit 3: Professional Development in the Sports Industry
- Unit 6: Sports Psychology
- Unit 7: Practical Sports Performance
- Unit 17: Sports Injury Management

Course Content

Year 13

- Unit 4: Sports Leadership
- Unit 22: Investigating Business in the Sport and Active Leisure Industry
- Unit 23: Skill Acquisition in Sport

Assessment:

Unit 1 - Anatomy and Physiology
1 and half hour exam

Unit 2 - Fitness Training and Programming for Health, Sport and Well-being
Supervised assessment 2 and half hours

Unit 3 - Professional Development in the Sports Industry
Internally assessed coursework

Unit 4: Sports Leadership
Internally assessed Performance Assessment and coursework

Unit 6 - Sports Psychology
Internally assessed coursework

Unit 7 - Sports Injury Management
Internally assessed Performance Assessment and coursework

Unit 17 - Sports Injury Management
Internally assessed coursework

Unit 22 - Investigating Business in the Sport and Active Leisure Industry
Supervised assessment 2 and half hours

Unit 23 - Skill Acquisition in Sport
Performance Assessment and Course Work

What's different?

This course is focused on the holistic development of the practical, interpersonal and thinking skills required to be able to succeed in employment and higher education. Students will learn about Anatomy and Physiology and the relationship between Biology, Sport Injury and the Psychology of Sport. BTEC Sport allows students to look at different career pathways throughout the course, including business within the sport and active industry.

Careers: Teaching, sports coach, sports research, medical and health services, sport and active businesses.

Enrichment opportunity: Various opportunities to coach and perform several different sports, trips to varying sporting businesses and companies.

Food for thought: *You win by effort, by commitment, by ambition, by quality, by expressing yourself individually but in the team context – Jose Mourinho*

Contact:

Mr R Chessman

rchessman@park-aspirations.org

BTEC Travel and Tourism

Entry Requirements

5 GCSEs at grade 9-5, including English and Maths

Course Content:

Year 12

- The World of Travel and Tourism
- Global Destinations

Course Content:

Year 13

- Principles of Marketing in Travel and Tourism
- Visitor Attractions

Assessment:

Exam 1

Exam 2

Coursework 1

Coursework 2

Content

The World of Travel and Tourism

Global Destinations

Principles of Marketing in Travel and Tourism

Visitor Attractions

What's different?

Opportunity to study Travel and Tourism to a greater depth and see how travel and tourism is developing around the world. Students will be encouraged to develop a range of skills and this will include, interpersonal skills, thinking skills, teamwork, research, communication and analysis.

Careers: There are a range of careers you can pursue and these include; careers in the travel and tourism industry such as air cabin crew, holiday representative, hotel manager, tourism office, travel agency manager.

Enrichment opportunity: Sixth form students are given the opportunity to take part in trips related to travel and tourism.

Food for thought: *"Jobs fill your pocket, but adventures fill your soul"*

Contact:

Ms F Basharat

fbasharat@park-aspirations.org