



COX
GREEN
SCHOOL

Year 10
Subject Specific Guidance for
September 2018

Committed to Achievement

INTRODUCTION

This booklet is designed to support you and your son/daughter to understand what is involved in the courses they are studying.

The booklet details information about:

- Each subject
- The exam board
- How the subject is assessed
- What support can be given

We recommend that you initially talk with your son/daughter about which subjects he/she is studying, and then only look at the subjects that he/she is taking.

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GCSE ART, CRAFT AND DESIGN

Examination Board: AQA

Course Content - 60% Portfolio, 40% externally set assignment

Component 1 – Portfolio (Coursework)

Component 2 – Externally set assignment (Exam) approximately 12 school weeks + 10 hour exam.

The GCSE course covers drawing, painting, printmaking, photography and 3-D design. Students will study history of art as a complement to their practical work, developing their contextual understanding and giving visual form to individual thoughts, feelings, observations and ideas. Students will show evidence of trying to extend their own and others' ways of seeing the world. Our students are introduced to a variety of media and techniques designed to develop their skills and then will be required to develop their own creative outcomes to themes as the course progresses.

Prerequisites

Students have to be prepared to work hard from the start of the course and have a passion for creativity. Homework assignments are an integral part of the course and will be used to develop drawing skills, research into artists and preparation of ideas for final pieces. All of this will contribute to the portfolio of work which will be assessed at the end of the course. The department encourages all students taking GCSE to make use of the Art department during lunchtimes and after school clinics to work on their assignments and to ensure deadlines are met.

Component 1 - Portfolio

This is worth 60% of the final grade at GCSE and consists of two/three projects produced throughout year 9, 10 and 11.

Component 2 – Externally set assignment

A controlled unit is set to a theme by the exam board and is given to students in January of year 11. Students then sit a ten hour exam at the end of the preparatory period in which they produce their final outcome. The unit in its entirety is worth 40% of their final grade.

Extra-Curricular Links

Visits to art galleries and the study of works of particular artists will help with ideas and project development. It is expected that students carry out several gallery visits throughout the three year course. Suggested galleries may include Tate Modern/ Tate Britain, Saatchi Gallery, V & A, The Royal Academy of Arts, British Museum, National Gallery/ National Portrait Gallery, Design Museum, Hayward Gallery.

Target Group

Any student who likes drawing and painting, design, printing and 3-D work; students interested in pursuing a fine art, design or architectural career; students interested in photography but who also wish to explore other art disciplines.

A Level

The skills learnt during the GCSE course are foundation for studies at A Level and therefore students must complete the GCSE Art course achieving a B grade or above if they wish to continue onto A Level in this subject.

Art materials

A standard art pack will be offered to students at the start of the course at cost price. Any specialist art materials may need to be purchased by students during the three year course.

Further Information

If you have any questions regarding the GCSE Art, Craft and Design course, please contact:

Mrs S Harris, Learning Leader - Art and Photography

s.harris@coxgreen.com

GCSE BUSINESS STUDIES

Examination Board: AQA GCSE Business Studies

Course Content Overview

What topics are covered?

One of the fantastic things about Business Studies is the breadth of topic areas that are included in this qualification. This means that there will be something for everyone!

The Course Covers

Students apply their knowledge and understanding to different business contexts ranging from small enterprises to large multinationals and businesses operating in local, national and global contexts.

Students develop an understanding of how these contexts impact on business behaviour.

Students will apply their knowledge and understanding to business decision making including:

- the interdependent nature of business activity, influences on business, business operations, finance, marketing and human resources, and how these interdependencies underpin business decision making
- how different business contexts affect business decisions
- the use and limitation of quantitative and qualitative data in making business decisions.
- 3.1 Business in the real world
- 3.2 Influences on business
- 3.3 Business operations
- 3.4 Human resources
- 3.5 Marketing
- 3.6 Finance

Assessment

The course is assessed by two exams at the end of Year 11 in the following ways:

What's assessed	What's assessed
<ol style="list-style-type: none">1. Business in the real world2. Influences on business	<ol style="list-style-type: none">1. Business in the real world2. Influences on business
<ol style="list-style-type: none">3. Business operations4. Human resources	<ol style="list-style-type: none">3. Marketing4. Finance
<ul style="list-style-type: none">• How it's assessed• Written exam: 1 hour 45 minutes• 90 marks• 50% of GCSE	<ul style="list-style-type: none">• How it's assessed• Written exam: 1 hour 45 minutes• 90 marks• 50% of GCSE
<ul style="list-style-type: none">• Questions• Section A has multiple choice questions and short answer questions worth 20 marks.• Section B has one case study/data response stimuli with questions worth approximately 34 marks. <p>Section C has one case study/data response stimuli with questions worth approximately 36 marks</p>	<ul style="list-style-type: none">• Questions• Section A has multiple choice questions and short answer questions worth 20 marks.• Section B has one case study/data response stimuli with questions worth approximately 34 marks. <p>Section C has one case study/data response stimuli with questions</p>

Resources

- Text book: AQA text book. We will issue this within the next few weeks. We ask for a £10 deposit which is returned at the end of the course. The book can be returned or kept at the end of the course.
- Revision book: GCSE Business Studies AQA Revision Guide
- <http://www.bized.co.uk/>
- <http://www.bbc.co.uk/schools/gcsebitesize/business/>

Advice

- Read around the subject

- Watch business programs- e.g. Dragon's Den
- Talk at home about business but remember GCSE is theory not always the real workplace

Help

Students will receive help booklets to aid revision. Subject workshops will take place on Thursday after school.

Exam preparations

At the end of each topic any students underperforming or struggling will attend a department intervention session. These will run after school with the aim to improve the student's understanding and grade.

Mock Papers will be supplied and students are expected to read through these and revise for both the mock and exam.

March/ April/ May Exam preparation classes after school

3.1 Business in the real world <ul style="list-style-type: none"> • The purpose and nature of businesses • Business ownership • Setting business aims and objectives • Stakeholders • Business location • Business planning • Expanding a business 	3.2 Influences on business <ul style="list-style-type: none"> • Technology • Ethical and environmental considerations • The economic climate on businesses • Globalisation • Legislation • Competitive environment 	3.3 Business operations <ul style="list-style-type: none"> • Production processes • The role of procurement • The concept of quality • Good customer services
3.4 Human Resources <ul style="list-style-type: none"> • Organisational structures • Recruitment and selection of employees • Motivating employees • Training 	3.5 Marketing <ul style="list-style-type: none"> • Identifying and understanding customers • Segmentation • The purpose and methods of market research • The elements of the marketing mix: price, product, promotion and place (4Ps) 	3.6 Finance <ul style="list-style-type: none"> • Sources of finance • Cash flow • Financial terms and calculations • Analysing the financial performance of a business

Further Information

If you have any questions regarding GCSE Business Studies, please contact:

Mr W Burton, Associate Senior Leader - ICT Business and Computing

w.burton@coxgreen.com

GCSE COMPUTER SCIENCE

Examination Board: OCR

Course Content

1. Systems Architecture
2. Memory
3. Storage
4. Wired and wireless networks
5. Network topologies, protocols and layers
6. System security
7. System software
8. Ethical, legal, cultural and environmental concerns

Assessment and duration

Computer systems (01)
80 marks
1 hour and 30 minutes
Written paper
(no calculators allowed)

Weighting

50%

Computational thinking, algorithms and programming

1. Algorithms
2. Programming techniques
3. Producing robust programs
4. Computational logic
5. Translators and facilities of
6. Languages
7. Data representation

Computational thinking,
algorithms and
programming (02)
80 marks
1 hour and 30 minutes
Written paper
(no calculators allowed)

50%

Programming project

1. Programming techniques
2. Analysis
3. Design
4. Development
5. Testing, evaluation and conclusions

Programming project
(03/04)
Totalling 20 hours
Non-Exam Assessment
(NEA)

Assessment

Students are expected to demonstrate the following:

- AO1 Demonstrate knowledge and understanding of the key concepts and principles of Computer Science.
- AO2 Apply knowledge and understanding of key concepts and principles of Computer Science.
- AO3 Analyse problems in computational terms:

Resources

Computer Science, Rouse and O'Byrne, 978-1-4718-6614-2
Computer Science David Waller, 978-1-316-50403-1

Websites

<http://ocr.org.uk/qualifications/gcse-computer-science-j276-from-2016/>
<https://www.codecademy.com/tracks/python>

Further Information

If you have any questions regarding GCSE Computer Science, please contact:

Mr S Bailey-Young, Learning Leader of Computer Science
s.baileyyoung@coxgreen.com

GCSE DRAMA

Examination Board: Eduqas

Aims of Course

- Apply knowledge and understanding when making, performing and responding to drama
- Explore performance texts, understanding their social, cultural and historical context including the theatrical conventions of the period in which they were created
- Develop a range of theatrical skills and apply them to create performances
- Work collaboratively to generate, develop and communicate ideas
- Develop as creative, effective, independent, reflective learners able to make informed choices in process and performance
- Contribute as an individual to a theatrical performance
- Reflect on and evaluate their own work and that of others
- Develop an awareness and understanding of the roles and processes undertaken in contemporary professional theatre practice

Course Outline and Assessment

Component 1: Devising theatre **40% of final GCSE** **(Completed by the end of Year 10)**

- Internally assessed, externally moderated
- Performance, portfolio and written evaluation

Component 2: Performing from a text **20% of final GCSE**

- Externally assessed by a visiting examiner
- You will study two extracts from the same play text – these will be performed to the visiting examiner.

Component 3: Interpreting Theatre **40% of final GCSE**

- Written examination: 1 hour 30 minutes
- Section A: Set Text
- Section B: Live Theatre Review

Expectations of the Course:

- Students are expected to work in a mixture of groups.
- Students will be expected to attend after school rehearsals in preparation for practical exams.
- There is a cost implication as students are required to go on theatre trips in preparation for the exam.

The course aims to develop skills which candidates can usefully apply to any chosen study or career path with its focus on practical learning and problem solving as part of a creative team. Students will need to be able to discuss work both orally and in a written response.

Further Information

If you have any questions regarding GCSE Drama, please contact:

Mrs A Lane, Learning Leader - Drama

a.lane@coxgreen.com

GCSE ENGLISH LANGUAGE AND LITERATURE

Examination board: AQA

Course content and assessment

English Language Paper 1: Explorations in Creative Reading and Writing

Section A: Reading

- one literature fiction text

Section B: Writing

- descriptive or narrative writing

Written exam: 1 hour 45 minutes

- 80 marks
- 50% of English Language GCSE

English Language Paper 2: Writers' Viewpoints and Perspectives

Section A: Reading

- one non-fiction text and one literary non-fiction text

Section B: Writing

- writing to present a viewpoint

Written exam: 1 hour 45 minutes

- 80 marks
- 50% of English Language GCSE

Literature Paper 1: Shakespeare and the 19th-century novel

- Shakespeare play: Macbeth
- The 19th-century novel: The Strange Case of Dr Jekyll and Mr Hyde

Written exam: 1 hour 45 minutes

- 64 marks
- 40% of Literature GCSE

Literature Paper 2: Modern texts and poetry

- Modern prose or drama texts: DNA
- The poetry anthology
- Unseen poetry

Written exam: 2 hour 15 minutes

- 96 marks
- 60% of Literature GCSE

Help and support

- There are excellent study guides available on Amazon. We recommend CGP guides and electronic resources on BBC Bitesize. It is essential that students have their own copies of the texts to annotate and these are available to purchase from the English Department.
- We will provide students with a poetry anthology. Again, there are brilliant electronic resources on BBC Bitesize.
- Break-time and after-school help will be available. Please check with your teacher for times.

Further Information

If you have any questions regarding GCSE English Language and Literature, please contact:

Mrs G LaRocque – Learning Leader for English and Media

g.laroque@coxgreen.com

GCSE GEOGRAPHY

Examination Board: AQA

Course Content: The course divides up into 3 Units:

Unit 1: Living with the Physical Environment

This unit is assessed through a 1 ½ hour, written examination - summer year 11

- The Challenge of Natural Hazards: Weather Hazards and Tectonic Hazards.
- The Living World: Tropical Rainforests and Desert biomes.
- Physical Landscapes in the UK: Coastal Landscapes and River Landscapes.

Unit 2: Challenges in the Human Environment

This unit is assessed through a 1 ½ hour written examination - summer year 11

- Urban Issues and Challenges: Rio de Janeiro and Bristol.
- The Changing Economic World: Development and Nigeria.
- The Challenge of Resource Management: Water, Lesotho and Wakal River Basin.

Unit 3: Geographical Applications

This unit is assessed through a 1 hour 15 minute written examination - summer year 11

- Issue Evaluation from a pre-release resource pack.
- Fieldwork from previous topics, for example, Coastal Landscapes and The Changing Economic World.

Geographical skills will be tested in all units including graph and photograph analysis, producing graphs from data, map skills and mathematical calculations. A scientific calculator is required for this course.

Help and Support

Homework and catch up work for lessons missed will be provided via Doodle, where students can also browse for supporting documents to help them to revise and revisit topics they have struggled with in class. Parents will have access to this to check work is being set and completed.

In addition, advice on revision of key topics and advice on how to improve their work will be given in lessons where students will be given opportunities to improve upon their work and exams to build on their revision notes.

Geography Workshop – These take place once a week after school – as an open drop in session for all GCSE students to get help with homework, revise key topics and practice exam technique.

Websites can also greatly aid revision through content and skills advice. These websites are a good starting point:

- <http://www.bbc.co.uk/schools/gcsebitesize/geography/>
- <http://www.s-cool.co.uk/gcse/geography>
- <http://www.geography.learnontheinternet.co.uk/gcse/revision.html>
- http://web.aqa.org.uk/qual/newgcse/geo_landt/new/geography_a_materials.php - past papers can be found here for further practice.
- <http://revisionworld.co.uk/gcse-revision/geography> - many parts of the exam are covered.

Further Information

Please note, fieldwork is a requirement of the course and there will be a compulsory trip element. We always strive to keep costs down but if you are concerned please do not hesitate to contact us in advance.

Also we will endeavour to include an optional excursion which offers the opportunity to enhance the students learning. Such trips are dependent on student interest as they will tend to be more expensive. If you have any questions regarding GCSE Geography, please contact:

Mrs J Wick, Learning Leader – Geography

j.wick@coxgreen.com

GCSE HISTORY

Examination Board: AQA (to be examined 2020)

Course Content

- **Paper 1, Section A, Unit 1B:** Germany 1890-1945, Democracy to Dictatorship, studied in year 9, exam in June 2020.
- **Paper 1, Section B:** Conflict and Tension 1918-1939, studied in year 10, exam in June 2020.
- **Paper 2, Section A, Unit 2A:** Britain: Health and the People c1000-present day, studied end of year 9 beginning of year 10, exam in June 2020.
- **Paper 2, Section B:** Norman England, 1066-1100, studied in year 11, exam in June 2020.

Support Materials

Books

Please note we do not expect students to buy books, however if you would like to purchase one here are some suggested titles linked to the course. The books written by Oxford AQA History include less text and more images whereas Hodder Education is a more text heavy book.

Paper 1, Section A, Unit 1B

- Oxford AQA History for GCSE: Germany 1890-1945: Democracy and Dictatorship Paperback, *Aaron Wilkes, J.A. Cloake*
- Understanding the modern world, Hodder Education, *David Ferriby, Dave Martin, Ben Walsh*

Paper 1, Section B

- Oxford AQA History for GCSE: Conflict and Tension 1918-1939, *Aaron Wilkes, Ellen Longley and J.A. Cloake*
- Understanding the modern world, Hodder Education, *David Ferriby, Dave Martin, Ben Walsh* (same as the book for Section A, Unit 1B)

Paper 2, Section A, Unit 2A

- Oxford AQA History for GCSE Thematic Studies c790-present day, *Aaron Wilkes, Lindsay Bruce, Kevin Newman and J.A. Cloake*
- AQA GCSE History, Health and the People, Hodder Education, *Alf Wilkinson*

Paper 2, Section B

- Oxford AQA History for GCSE: British Depth Studies c1066-1685, *Aaron Wilkes, Lorraine Waterson, Tim Williams and J.A. Cloake*

Websites

- <http://www.schoolhistory.co.uk/gcselinks/medicine.html>
- <http://www.schoolhistory.co.uk/revision/germany.shtml>
- <http://www.bbc.co.uk/schools/gcsebitesize/history/shp/>

Further Information

If you have any questions regarding GCSE History, please contact:

Mr Burrows, Learning Leader – History
j.burrows@coxgreen.com

and

Miss Taylor, Deputy Learning Leader – History
l.taylor@coxgreen.com

GCSE HOSPITALITY AND CATERING LEVEL 2

Examination Board: WJEC

Course Content

Unit 1: The Hospitality and Catering Industry

- 48 Guided Learning Hours
- External Assessment
- Written Examination In Year 11: 1 hour 30 minutes
- 40% of the Qualification

Unit 2: Hospitality and Catering in Action

- 72 Guided Learning Hours
- Internal Assessment
- Non-Examination Assessments Year 10-11: Research, prepare cook and present dishes
- 60% of the Qualification

Resources

- School:
 - WJEC Hospitality & Catering Textbooks
 - Recipe books, recipes and magazines.
 - Food rooms: Experimental & Practice sessions
- TV: Local & International Food competition & interactive programmes
- Food Shows & Events
- Visiting Industry links & Chefs
- Internet:
 - <http://www.eduqas.co.uk/qualifications/hospitality-and-catering/>
 - <https://prezi.com/mchv5t4twesh/gcse-hospitality-catering-revision-tips-and-advice-wjec/>
 - <https://www.youtube.com/watch?v=FhPsrHnMyN8&list>

Further Information

If you have any questions regarding WJEC GCSE Hospitality and Catering, please contact:

Miss S Rapsey, Learning Leader - Technology

S.Rapsey@coxgreen.com

GCSE MATHEMATICS

Examination Board: Edexcel

Course Content and Exam Format

The following is a summary and simplified version of the topics.

A more detailed version is available from Edexcel or from the department.

Basic calculations, and problem solving with numbers.

Standard Index Form. Ratio and proportion.

Angle properties and angles in polygons.

Representing data, and calculating averages. Probability.

Fractions, percentages, and problem solving in context.

Solving linear equations, quadratics equations and use of iteration method. Solving simultaneous equations.

Areas and volumes of various shapes.

Pythagoras, trigonometry in right-angled triangles, sine rule and cosine rules in triangles that are not right-angled.

Vectors. Surds. Rules of indices. Proportionality.

Transformations of shapes, translations, reflections, rotations, enlargements, and transformation of graphs.

Plotting graphs and their properties. Use of graphs to solve equations. Graphs in real life. Gradients and areas under graphs.

Constructions and loci.

The GCSE Mathematics is offered at two tiers of Higher and Foundation.

The grades available are Higher (9-4) and Foundation (5-1)

- Three papers, 80 Marks each.
- The total available mark is 240.
- First paper is a non-calculator.

Six Content Areas:	F	H
– Number	25%	15%
– Algebra	20%	30%
– Ratio, proportion, rates of change	25%	20%
– Geometry	15%	20%
– Probability & Statistics	15%	15%

Support

Support is available after school on Tuesdays and Wednesdays from 3:15pm to 4:15pm every week.

Useful websites for review of topics and revision.

www.mymaths.co.uk

www.mathsgenie.co.uk

Further Information

If you have any questions regarding GCSE Mathematics, please contact:

Mr Haghazali, Learning Leader - Mathematics

a.haghazali@coxgreen.com

GCSE MEDIA STUDIES

Examination Board: Eduqas

Course Content: The course divides up in to three components.

Component 1 Exploring the Media (Exam – 1hour 30 mins -40% of qualification)

Section A: Exploring Media Language and Representation.

This section assesses media language and representation in relation to two of the following print media forms: magazines, marketing (film posters), newspapers, or print advertisements. There are two questions in this section:

- One question assessing media language in relation to one set product (reference to relevant contexts may be required).
- One two-part question assessing representation in relation to one set product and one unseen resource in the same media form. Part (a) is based on media contexts. Part (b) requires comparison through an extended response.

Section B: Exploring Media Industries and Audiences.

This section assesses two of the following media forms: film, newspapers, radio, video games. It includes: One stepped question on media industries and one stepped question on audiences.

Component 2: Understanding Media Forms and Products (Exam - 1 hour 30 mins- 30% of qualification)

This component assesses all areas of the theoretical framework and contexts of the media in relation to television and music.

Section A: Television

- One question on either media language or representation, which will be based on an extract from one of the set television programme episodes to be viewed in the examination (reference to relevant contexts may be required)
- One question on media industries, audiences or media contexts.

Section B: Music (music videos and online media)

- One question on either media language or representation (reference to relevant contexts may be required).
- One question on media industries, audiences or media contexts.

Component 3: Creating Media Products Non-exam assessment (30% of qualification)

An individual media production for an intended audience in response to a choice of briefs set by WJEC, applying knowledge and understanding of media language and representation.

Help and Support:

Media studies workshops run every week – where students can get help with homework, controlled assessments and advice on how to improve their work.

Miss K Stockwell, Learning Leader - Media

k.stockwell@coxgreen.com

GCSE MODERN FOREIGN LANGUAGES

Exam Board: AQA

Course Content

Students at Cox Green study either French or Spanish. Students will cover three key themes:

- Identity and culture
- Local, national, international and global areas of interest
- Current and future study and employment.

Students will gain the skills to be able to read, write, understand and converse in the chosen language.

Assessment

Students will be assessed by four individual external exams at the end of the course all worth 25% each. The assessment will consist of a reading, writing, speaking and listening exam.

Homework

Out of 3 lessons a week students will have at least 2 pieces of homework. This will vary between listening, reading, writing and vocab learning tasks.

In addition, students will have access to an online service, Kerboodle, which can be used to complement class work and further their learning. They will have their own login details and will be able to work their way through a series of listening, reading, writing and grammar exercises, and have access to exam specific vocabulary.

Resources

All students should have their own dictionary for independent learning at home or can access an online dictionary through www.wordreference.com. They will also find a verb book and a CGP GCSE revision guide very useful. Exercises completed on Kerboodle will serve as a brilliant revision tool in preparation for the exams.

Help and support

All students will have the opportunity to attend after school on a weekly basis. These will be provided to support students with classwork, homework or revision. Please check with your teacher for times.

Further Information

If you have any questions regarding GCSE Modern Languages, please contact:

Miss Stevenson, Learning Leader - Modern Foreign Languages
h.stevenson@coxgreen.com

GCSE MUSIC

Examination Board: AQA GCSE Music

Course Content

Unit 1

Understanding Music (40%) A 90 minute listening and appraising exam sat at the end of the course.

Tips for Unit 1:

- Learn all vocabulary
- Take time to complete any written homework tasks thoroughly
- Listen and watch as much classical music as you can on YouTube, practicing identifying musical features e.g. instruments/voices, tonality, time signatures, textures, rhythmic and melodic devices, tempo, dynamics.

Unit 2

Performing Music (30%) – Where students perform one solo and one group performance

Group performance deadline end of Autumn Term, year 11

Solo performance deadline Spring Half Term, year 11.

TIPS for Unit 2

- Attend all your Instrumental/vocal lessons
- Practice - at least 20 minutes each day preparing your solo/ensemble pieces!
- Arrange to stay after schools to rehearse for your Ensemble Performance together.

Unit 3

Composing and appraising music (30%). Two composition tasks, with accompanying programme notes, completed under controlled conditions during timetabled lessons.

TIPS for Unit 3

- Use your personal laptop at home and in lessons - we will provide you with the software for free!
- Prepare for each session by reviewing previous composition tasks and appraisals and planning ideas
- Focus on using vocabulary from the two areas of study chosen in your appraisal.

Useful Support Materials

New GCSE Music AQA Complete Revision & Practice for Grade 9-1 course – CGP Books.

Websites

- www.soundmatters.co.uk
- www.bbc.co.uk/bitesize
- www.musictheory.net

Further Information

If you have any questions regarding GCSE Music, please contact:

Mr T McDonough, Learning Leader - Music

t.mcdonough@coxgreen.com

GCSE PHOTOGRAPHY

Examination Board: AQA

Course Content - 60% coursework 40% Exam

Component 1 – Portfolio (Coursework).

Component 2 – Externally Set Assignment (Exam) approximately 12 school weeks + 10 hour exam.

This course is for anyone who loves observing and recording the world around them. Students will enjoy visual imagery and will want to express their ideas to others. Those studying this course will be imaginative and creative and able to develop ideas for narrative photography, exploring various photographic genres from a given theme. Students will develop their knowledge of the formal elements, visual language techniques, camera skills and contextual references. Emphasis is placed on imagination and creativity as well as technical ability. Students will show evidence of trying to extend their own and others' ways of seeing the world and will be required to develop their own creative outcomes as the course progresses.

Prerequisites

Students have to be prepared to work hard from the start of the course and have a passion for photography. Homework assignments are an integral part of the course and students will be required to go out and shoot on location. Students will also carry out research into photographers' work, prepare and develop ideas. All of this will contribute to the portfolio of work which will be assessed at the end of the course. The department encourages all students taking GCSE Photography to make use of the department during lunchtimes and after school clinics to work on their assignments and to ensure deadlines are met.

Component 1 - Portfolio

This is worth 60% of the final grade at GCSE and consists of two or three projects produced throughout year 9, 10 and 11.

Component 2 – Externally Set Assignment

A controlled unit is set to a theme by the exam board and is given to students in February of year 11. Students then sit a ten-hour exam at the end of the preparatory period in which they will edit their final outcome. The unit in its entirety is worth 40% of their final grade.

Extra-Curricular Links

Visits to photography/art galleries and the study of works of particular photographers will help with ideas and project development. It is expected that students carry out several gallery visits throughout the three-year course. Suggested galleries may include Tate Modern/ Tate Britain, Saatchi Gallery, Somerset House and The Photographers Gallery.

Target Group

Students who have an interest in creative photography and who want to further develop their skills in this area. Students interested in pursuing a career in photography, advertising or photo journalism.

A Level

The skills learnt during the GCSE course are foundation for studies at A Level and therefore students must complete the GCSE photography or art course achieving a B grade or above if they wish to continue onto A level in this subject.

Materials

A standard project pack will be offered to students at the start of the course at cost price. Any specialist film or other materials may need to be purchased during the course. Students would benefit greatly from having their own digital SLR camera.

Further Information

If you have any questions regarding the GCSE Photography course, please contact:

Mrs S Harris, Learning Leader - Art and Photography
s.harris@coxgreen.com

GCSE PHYSICAL EDUCATION

Examination Board: Edexcel

Course Content and Assessment Overview

The Pearson Edexcel Level 1/Level 2 GCSE (9–1) in Physical Education consists of two externally-examined papers and two non-examined assessment components.

Components 1 and 2 will be assessed in May/June in any single year. Components 3 and 4 may be assessed at any point during the course, with marks submitted by the centre prior to moderation. Moderation will take place in the same year as the written examinations.

Component 1: Fitness and Body Systems

Written examination: 1 hour and 45 minutes, 36% of the qualification, 90 marks.

Content overview

- Topic 1: Applied anatomy and physiology
- Topic 2: Movement analysis
- Topic 3: Physical training
- Topic 4: Use of data.

Assessment overview

The assessment consists of multiple-choice, short-answer, and extended writing questions.

Students must answer all questions.

Calculators can be used in the examination.

Component 2: Health and Performance

Written examination: 1 hour and 15 minutes, 24% of the qualification, 70 marks.

Content overview

- Topic 1: Health, fitness and well-being
- Topic 2: Sport psychology
- Topic 3: Socio-cultural influences
- Topic 4: Use of data.

Assessment overview

The assessment consists of multiple-choice, short-answer, and extended writing questions.

Students must answer all questions.

Calculators can be used in the examination.

Component 3: Practical Performance

Non-examined assessment: internally marked and externally moderated, 30% of the qualification, 105 marks (35 marks per activity).

Content overview

- Skills during individual and team activities
- General performance skills.

Assessment overview

The assessment consists of students completing **three** physical activities from a set list.

One must be a **team** activity.

One must be an **individual** activity.

The final activity can be a **free** choice.

Students will be assessed against set assessment criteria found in the Pearson Edexcel Level 1/Level 2 GCSE (9–1) in Physical Education practical performance assessment criteria document on our website.

Each activity can last up to 12 hours. These will be assessed by the teacher and moderated by Pearson.

Component 4: Personal Exercise Programme PEP

Non-examined assessment: internally marked and externally moderated, 10% of the qualification, 20 marks.

Content overview

- Aim and planning analysis
- Carrying out and monitoring the PEP
- Evaluation of the PEP.

Assessment overview

The assessment consists of students producing a Personal Exercise Programme (PEP), and will require students to analyse and evaluate their performance. These will be assessed by the teacher and moderated by Pearson.

*See *Appendix 9: Codes* for a description of this code and all other codes relevant to this qualification.

Further Information

Mr. M Gullick, Director of PE, Sport and Health

m.gullick@coxgreen.com

GCSE PSYCHOLOGY

Examination Board: Edexcel

Course Content

The GCSE consists of two papers which are externally assessed in May/June 2019 (linear examination).

Paper 1

- Topic 1: Development – How did you develop?
- Topic 2: Memory – How does your memory work?
- Topic 3: Psychological problems – How would psychological problems affect you?
- Topic 4: The brain and neuropsychology – How does your brain affect you?
- Topic 5: Social influence – How do others affect you?

Paper 2

- Topic 6: Criminal psychology – Why do people become criminals?
- Topic 9: Sleep and dreaming – Why do you need to sleep and dream?
- Topic 11: Research methods – How do you carry out psychological research?
- This section will focus primarily on Topic 11: Research methods – How do you carry out psychological research? It will contain question types that include calculations, multiple-choice, short-open and open- response questions, and one extended open-response question. Calculators may be used in the examination.

Assessment:

Paper 1: Written examination: 1 hour and 45 minutes 55% of the qualification, 98 marks

The Unit 1 paper consists of multiple choice questions, short answers and some extended writing

Paper 2: Written examination: 1 hour and 20 minutes 45% of the qualification, 79 marks

Unit 2 paper consists of multiple choice questions, short answers and some extended writing and calculations

www.edexcel.com/QUALS/GCSE/GCSE09/PSYCHOLOGY

Textbook: Edexcel GCSE (9-1) Psychology: Student Book Paperback – Pearson, by Christine Brain (Author), Anna Cave(Author), Karren Smith (Author). ISBN 978-1-292-18277-3

Further Information

Mrs Olmos, Learning Leader - Psychology

m.olmos@coxgreen.com

GCSE COMBINED SCIENCE: TRILOGY

Examination Board: AQA GCSE Combined Science: Trilogy

Course Content

Biology	Chemistry	Physics
1. Cell biology	1. Atomic structure and the periodic table	1. Energy
2. Organisation	2. Bonding, structure, and the properties of	2. Electricity
3. Infection and response	3. Quantitative chemistry	3. Particle model of matter
4. Bioenergetics	4. Chemical changes	4. Atomic structure
5. Homeostasis and	5. Energy changes	5. Forces
6. Inheritance, variation	6. The rate and extent of chemical change	6. Waves
7. Ecology	7. Organic chemistry	7. Magnetism and electromagnetism
	8. Chemical analysis	
	9. Chemistry of the atmosphere	
	10. Using resources	

Examinations

Students have to sit six exams in total for the two GCSE's. These are detailed below. Please note that this is a linear course so all assessments will take place in May/June of Year 11. All exam papers contain a combination of multiple-choice, structured, closed short answer and open response questions.

Exam	Content included	Marks	Length
Biology Paper 1	Biology topics 1-4	70 (16.7% of double GCSE)	1 hour 15 minutes
Biology Paper 2	Biology topics 5-7	70 (16.7% of double GCSE)	1 hour 15 minutes
Chemistry Paper 1	Chemistry topics 1-5	70 (16.7% of double GCSE)	1 hour 15 minutes
Chemistry Paper 2	Chemistry topics 6-10	70 (16.7% of double GCSE)	1 hour 15 minutes
Physics Paper 1	Physics topics 1-4	70 (16.7% of double GCSE)	1 hour 15 minutes
Physics Paper 2	Physics topics 5-7	70 (16.7% of double GCSE)	1 hour 15 minutes

Websites:

The following web-links are found on the AQA web-site and each one contains details of all the relevant course contents with specific topics of all subjects, past papers and mark schemes.

<http://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464>

<http://www.kerboodle.com/users/login> is a Science web resource which includes supporting materials, assessments and a digital textbook to support the Science GCSE courses.

Further Information

If you have any questions regarding GCSE Combined Science: Trilogy please contact:

Miss Winchcombe, Learning Leader - Science

l.winchcombe@coxgreen.com

GCSE SEPARATE SCIENCES: BIOLOGY, CHEMISTRY & PHYSICS

Examination Board: AQA GCSE Separate Sciences: Biology, Chemistry & Physics

Course Content

Biology	Chemistry	Physics
1. Cell biology	1. Atomic structure and the periodic table	1. Energy
2. Organisation	2. Bonding, structure, and the properties of	2. Electricity
3. Infection and response	3. Quantitative chemistry	3. Particle model of matter
4. Bioenergetics	4. Chemical changes	4. Atomic structure
5. Homeostasis and	5. Energy changes	5. Forces
6. Inheritance, variation	6. The rate and extent of chemical change	6. Waves
7. Ecology	7. Organic chemistry	7. Magnetism and electromagnetism
	8. Chemical analysis	8. Space Physics
	9. Chemistry of the atmosphere	
	10. Using resources	

Examinations

Students have to sit two exams for each GCSE. These are detailed below. Please note that they are a linear courses so all assessments will take place in May/June of Year 11. All exam papers contain a combination of multiple-choice, structured, closed short answer and open response questions.

Subject	Content included	Marks	Length
Biology	Biology topics 1-4	100 (50% of GCSE)	1 hour 45 minutes
	Biology topics 5-7	100 (50% of GCSE)	1 hour 45 minutes
Chemistry	Chemistry topics 1-5	100 (50% of GCSE)	1 hour 45 minutes
	Chemistry topics 6-10	100 (50% of GCSE)	1 hour 45 minutes
Physics	Physics topics 1-4	100 (50% of GCSE)	1 hour 45 minutes
	Physics topics 5-8	100 (50% of GCSE)	1 hour 45 minutes

Websites:

The following web-links are found on the AQA web-site and each one contains details of the course content with the specification, past papers and mark schemes.

<http://www.aqa.org.uk/subjects/science/gcse/biology-8461> - Biology

<http://www.aqa.org.uk/subjects/science/gcse/chemistry-8462> - Chemistry

<http://www.aqa.org.uk/subjects/science/gcse/physics-8463> - Physics

<http://www.kerboodle.com/users/login> is a Science web resource which includes supporting materials, assessments and a digital textbook to support the Science GCSE courses.

Further Information

If you have any questions regarding GCSE Separate Sciences please contact:

Miss Winchcombe, Learning Leader - Science

l.winchcombe@coxgreen.com

GCSE STATISTICS 9-1

Examination Board: Edexcel

Course Content:

GCSE Statistics qualification allows students to develop skills that they will use in other subjects such as science and geography, and the content of the course reinforces techniques needed for GCSE maths as well as supporting progression to A level maths.

Collection of data, which includes planning and looking at types of data, difference between population and a sample. Processing, representing and analysing of data which includes tabulation, diagrams and representation of data. Measures of central tendency. Measures of dispersion. Scatter diagrams and correlation. Time series. Quality assurance. Probability of events, conditional probability. Basic properties of normal distributions.

Student can take the examination at either the Foundation or Higher Tier

Paper 1 (*Paper code: 1ST0/1F and 1ST0/1H)

Written examination: 1 hour and 30 minutes

50% of the qualification

80 marks

Content overview

1. The collection of data
2. Processing, representing and analysing data
3. Probability

Paper 2 (*Paper code: 1ST0/2F and 1ST0/2H)

Written examination: 1 hour 30 minutes

50% of the qualification

80 marks

Content overview

1. The collection of data
2. Processing, representing and analysing data
3. Probability

The papers contain short response, medium response and extended response questions

GCSE TECHNOLOGY

Examination Board: AQA

Aim of Course

GCSE Design and Technology will prepare students to participate confidently and successfully in an increasingly technological world. Students will gain awareness and learn from wider influences on Design and Technology including historical, social, cultural, environmental and economic factors. Students will get the opportunity to work creatively when designing and making and apply technical and practical expertise. Students will study the core technical and designing and making principles, including a broad range of design processes, materials techniques and equipment. They will also have the opportunity to study specialist technical principles in greater depth.

Course Content

AQA – GCSE Design & Technology

Year 9

- Will consist of a number of small mini coursework projects where the students design and make a product. The students will be introduced to a broad range of design processes, technique's and equipment. They will cover a range of theory topics including Robotics, automation and production in industry, Production techniques and systems – automation, Sustainability and the environment.

Year 10

- Will consist of a number of small projects to develop theory, drawing and practical skills to prepare students for their GCSE coursework which they will start in the June of year 10. They will cover a range of theory topics including systems approach to designing, mechanical devices and developments in new materials.

Year 11

- **Unit 1 Coursework**
Coursework consists of 50% of the overall GCSE grade. The students have to complete a 20 page digital design portfolio and a final product. The deadline for coursework is February.
- **Unit 2 Written Exam**
Theory lessons are delivered throughout the year to ensure all course content is covered and the students have the opportunity to revise topics and practise exam techniques. The students will complete the written exam is broken down into three sections.
 1. **Section A – Core technical principles (20 marks)**
A mixture of multiple choice and short answer questions assessing a breadth of technical knowledge and understanding.
 2. **Section B – Specialist technical principles (30 marks)**
This section includes several short answer questions (2–5 marks) and one extended response to assess a more in depth knowledge of technical principles.
 3. **Section C – Designing and making principles (50 marks)**
Section C includes a mixture of short answer and extended response questions.

Support Materials

Books

- 9-1 GCSE Design & Technology AQA Revision Guide By CGP books
- 9-1 Design & Technology AQA Complete Revision & Practice (with Online Edition) By CGP books
- AQA GCSE (9-1) Design and Technology, M. J. Ross
- 9-1 GCSE Design & Technology AQA, Exam Practise Answer Book, By CGP books

Websites

- <http://www.technologystudent.com/>
Good reference source.
- <https://www.bbc.com/education/subjects/zvg4d2p>
This is an excellent resource that links coursework theory to the exam.

Further Information

If you have any questions regarding GCSE Design Technology, please contact:

Miss S Rapsey, Learning Leader - Technology

S.Rapsey@coxgreen.com

FURTHER INFORMATION

If you have any further questions about GCSE courses, please contact Learning Leaders.

Course	Learning Leader	Email Address
Art, Craft and Design	Mrs S Harris	s.harris@coxgreen.com
Business Studies	Mr W Burton	w.burton@coxgreen.com
Computer Science	Mr S Bailey-Young	s.baileyyoung@coxgreen.com
Drama	Mrs A Lane	a.lane@coxgreen.com
English Language and Literature	Ms G LaRocque	g.larocque@coxgreen.com
Geography	Mrs J Wick	j.wick@coxgreen.com
History	Mr J Burrows	j.burrows@coxgreen.com
Hospitality and Catering	Miss S Rapsey	s.rapsey@coxgreen.com
Mathematics	Mr A Haghazali	a.haghazali@coxgreen.com
Media Studies	Ms K Stockwell	k.stockwell@coxgreen.com
Modern Languages	Miss H Stevenson	h.stevenson@coxgreen.com
Music	Mr T McDonough	t.mcdonough@coxgreen.com
Photography	Mrs S Harris	s.harris@coxgreen.com
Physical Education	Mr M Gullick	m.gullick@coxgreen.com
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Science (Triple)	Mr A Shields	a.shields@coxgreen.com
Science Core and Additional	Mr A Shields	a.shields@coxgreen.com
Technology	Miss S Rapsey	s.rapsey@coxgreen.com