



**SIR THOMAS
BOTELER**
CHURCH OF ENGLAND HIGH SCHOOL

THROUGH GOD, WE CARE

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Diocese of Liverpool



THE CHURCH
OF ENGLAND
Diocese of Chester

**KEY STAGE 4
CURRICULUM
INFORMATION
2016-17
CORE SUBJECTS**

KEY STAGE 4 CURRICULUM INFORMATION

CORE SUBJECTS

ENGLISH LANGUAGE AND LITERATURE

Head of department: Mr N Vallender

E-mail: nvallender@boteler.org.uk

Teaching staff

N Vallender Head of English

E Hough Second in English

L Farrar Literacy Coordinator

H Newman Teacher of English

H Savazzi Teacher of English

J Woodcock Teacher of English

G Hilton-Harris Teacher of English

Year 10

Topics of study

Term 1	Term 2	Term 3
<p>Literature Component 2, Section B <i>Blood Brothers</i></p> <p><u>Formative assessment:</u> source based question testing knowledge of LSF (revision of play from year 9 Summer term 2)</p> <p>Literature Component 2, Section C <i>Unseen Poetry</i></p> <p><u>Summative assessment:</u> Unseen Poetry two poems from a bank of contemporary poems</p>	<p><u>Literature Component 2 mock (60%) 2hrs 30 mins</u></p> <p>Language Component 2, Section A <i>Reading 19th/21st Century non-fiction</i></p> <p><u>Formative assessment:</u> Structured questions to test reading and analysis skills.</p> <p><u>Summative assessment:</u> Structured questions to test reading and analysis skills.</p>	<p>Language Component 1, Section A <i>Reading 20th Century Fiction</i></p> <p><u>Formative assessment:</u> Structured questions to test reading and analysis skills.</p> <p><u>Summative assessment:</u> Structured questions to test reading and analysis skills.</p>
<p>Literature Component 2, Section B <i>The War of The Worlds/A Christmas Carol</i></p> <p><u>Formative assessment:</u> Source based question</p>	<p>Language Component 2, Section B <i>Transactional Writing</i></p>	<p>Language Component 1, Section B <i>Writing Prose</i></p> <p><u>Formative assessment:</u> Creative writing with a focus on narrative. Title chosen</p>

<p>testing knowledge of LSF (whole novel may not have been studied at this point)</p> <p><u>Summative assessment:</u> Source based question testing knowledge of whole text and LSF</p>	<p><u>Formative assessment:</u> Formal letter writing and leaflet</p> <p><u>Summative assessment:</u> Formal letter writing and leaflet</p>	<p>by teacher with planning time for skills focus.</p> <p><u>Summative assessment:</u> Choice of four titles- titles not to be released prior to assessment.</p> <p><u>Language Component 1 mock (40%)</u> 1hr 45 mins</p> <hr/> <p><u>Second cluster of poems from literature anthology</u></p> <p>Written speech which will be performed and part of the spoken language unit (component 3)- MUST BE RECORDED AO7, AO8, AO8</p>
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Year 11

Topics of study

Term 1	Term 2	Term 3
<p>Literature Component 1, Section A <i>Shakespeare: Macbeth</i></p> <p><u>Formative assessment:</u> Extract based question-analysis of LSF</p> <p><u>Summative assessment:</u> Essay question testing knowledge of whole play (5 marks for SPAG)</p> <p><u>Second cluster of poems from literature anthology</u></p>	<p>Language Component 2, Section A <i>Reading 19th/21st Century non-fiction</i></p> <p>REVISION</p> <p><u>Language Component 2 mock (60%) 2hrs</u> Component 1, Section A <i>Reading 20th Century Fiction</i></p> <p>REVISION</p> <p>Language Component 1, Section B <i>Writing Prose</i></p> <p>REVISION</p> <p><u>Final cluster of poems from the literature anthology</u></p>	<p>Revision/targeted intervention</p> <p>Monday 22nd May English Literature Component 1 (2hours) AM</p> <p>Friday 26th May English Literature Component 2 (2hours 30 mins) AM</p> <p>Tuesday 6th June English Language Component 1: (1 hour 45 mins) AM</p> <p>Monday 12th June English Language Component 2 (2 hours) AM</p>

Language Component 2, Section B <i>Transactional Writing</i> REVISION <u>Literature Component 1</u> <u>mock (40%) 2hrs</u>	Literature Component 2, Section B <i>Blood Brothers</i> REVISION Literature Component 2, Section C <i>Unseen Poetry</i> REVISION	
	Literature Component 2, Section B <i>The War of The Worlds/A Christmas Carol</i> REVISION	

Examination specification details

Eduqas GCSE English Literature QAN 601/5246/1

Component 1 paper code: C720U10-1

Component 2 paper code: C720U20-1

Eduqas GCSE English Language QAN 601/4505/5

Component 1 paper code: C700U10-1

Component 2 paper code: C700U20-1

Assessment information

100% examination

Language Component 1 1hour 45 minutes

Section A (20%) – Reading

- Understanding of one prose extract (about 60-100 lines) of
- literature from the 20th century assessed through a range of
- structured questions

Section B (20%) – Prose Writing

- One creative writing task selected from a choice of four titles

Language Component 2: 2 hours

Section A (30%) – Reading

- Understanding of two extracts (about 900-1200 words in total)
- of high-quality non-fiction writing, one from the 19th century,
- the other from the 21st century, assessed through a range of
- structured questions

Section B (30%) – Writing

- Two compulsory transactional/persuasive writing tasks

Literature Component 1: 2 hours

Section A:

- **Macbeth:** Extract and Essay 20% (5 marks for SPG on essay)

Section B:

- **Poetry anthology:** two questions based on poems from the WJEC Eduqas Poetry Anthology, one of which involves comparison. 20%

Literature Component 2: 2 hours 30 minutes

Section A:

- **Blood Brothers:** sourced based question 20% (5 marks for SPG on essay)

Section B:

- **The War of The Worlds/A Christmas Carol:** One source-based question on a 19th century prose text 20%

Section C:

- **Unseen Poetry from the 20th/21st Century:** two questions on unseen poems, one of which involves comparison 20%

Homework

- Extended reading and writing tasks
- Subject terminology tests
- Spelling tests
- Vocabulary tests
- Research an author/playwright/time period
- Mock questions

Five ways you can support your child in English

1. Support the importance of spelling, punctuation and grammar
2. Support the importance of extended reading and writing (reading age specific content and writing in appropriate detail)
3. Test pupils on subject terminology
4. Support reading: books/magazines/articles
5. Watch film versions of key texts together and prompt discussion.

The following resources will aid further learning:

York notes for Macbeth, A Christmas Carol (ask your teacher) and Blood Brothers
Eduqas revision guides from Oxford publishers:

Language:

http://www.amazon.co.uk/WJEC-Eduqas-GCSE-English-Language/dp/0198332823/ref=sr_1_fkmr0_3?ie=UTF8&qid=1457084516&sr=8-3-fkmr0&keywords=eduqas+en

http://www.amazon.co.uk/Books-WJEC-Eduqas-GCSE-English-Language/dp/0198332831/ref=pd_rhf_se_s_cp_3?ie=UTF8&dpID=61hwpQS77fl&dpSrc=sims&preST=_SL500_SR107%2C135_&refRID=0FJ4JPCT9MQP00AMNCG2

Literature:

http://www.amazon.co.uk/WJEC-Eduqas-GCSE-English-Literature/dp/019833284X/ref=sr_1_7?ie=UTF8&qid=1457084825&sr=8-7&keywords=eduqas+English

Other useful information

After school exam support (see teacher for specific details)

Parent revision support nights

Sunday revision in lead up to exams

Theatre visits: this year we are off to watch Blood Brothers

MATHEMATICS

Head of department: Mrs J Powell

E-mail: JPowell@boteler.org.uk

Teaching staff:

Mrs J Powell – Head of subject

Mr C Murray - Second in Department

Ms F Jones – KS3 Coordinator

Ms S Keme - Teacher of Mathematics

Mr J Koltan - Assistant Headteacher

Vacancy - Teacher of Mathematics

Year 9

Topics of study

Term 1	Term 2	Term 3
Graphs Proportion Algebra	Geometry Equations Inequalities	Geometry Statistics

Year 10

Topics of study

Term 1	Term 2	Term 3
Number Algebra Measures	Ratio, Proportion and rates of change Geometry & Measures	Probability Statistics Algebra

Year 11

Topics of study

Term 1	Term 2	Term 3
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Number Algebra Geometry & Measures Probability	Ratio, Proportion and rates of change Statistics Algebra	Revision: all topics
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Examination specification details

AQA (8300): Higher & Foundation

Assessment information

100% examination

Higher (3 papers): Grades 4-9

Foundation (3 papers): Grades 1-5

Homework

Homework is set online: www.mymaths.co.uk

This will be supported by examinations style questions

Five ways you can support your child in Maths

1. Ensure that your son/daughter has the correct equipment for all Mathematics lessons (calculator, geometry set, purple pen).
2. Encourage your son/daughter to regularly revise topics covered, (completing older homework again on *mymaths* is a good strategy).
3. Encourage your son/daughter to persevere when they find a particular topic difficult.
4. We recommend that parents read – The Elephant in the Classroom: Helping Children Learn and Love Maths by Jo Boaler
5. Practice, practice and practice examination style questions, we recommend the following websites:

www.corbettmaths.com

www.bbc.co.uk/bitesize

www.s-cool.co.uk

PSHE

Head of department: Mrs K Coleclough

E-mail: kcoleclough@boteler.org.uk

Teaching staff

All form tutors deliver PSHE

Delivery

PSHE cannot always be confined to specific timetabled time. However here at Sir Thomas Boteler CE High School the following delivery methods are used:

- Direct teaching through timetabled sessions - Citizenship at Key Stage 4 covers a wide range of PSHE skills and qualities.
- Discrete curriculum time via form tutors

- Teaching PSHE through and in other subjects/curriculum areas e.g. health and social care, child development, PE, Religious Studies.
- Through PSHE activities and school events
- Through pastoral care and guidance
- Through assemblies and form worship

PHYSICAL EDUCATION

Head of department: Mr C Burbidge

E-mail: cburbidge@boteler.org.uk

Teaching staff

Mrs R Hughes
Mrs A Mawby
Mr L Horrigan
Mr J Leonard

At the end of Year 9 students are invited to opt into a pathway. They may choose to remain on the pathway they were on in Year 9 or move to an alternative one in Year 10. A synopsis of each pathway can be seen below.

Maximum Performing Levels

Majority of GCSE students
Gifted and Talented performers
Students are assessed according to GCSE criteria
Mixture of activities including all areas of range and content specified in the curriculum

Creative Performance/Healthy Active Lifestyle

Students take part in Aesthetic activities including – dance, trampolining etc.
They no longer take part in competitive games based activities

Outwitting Opponents

Competitive
Games based programme

Year 10

Topics of study

Term 1	Term 2	Term 3
Maximum Performing Levels: Football, Table Tennis, Basketball	Maximum Performing Levels: Handball, Basketball	Maximum Performing Levels: Athletics, Cricket, Volleyball
Creative/Healthy Active Lifestyles: Dance, Fitness	Creative/Healthy Active Lifestyles: Trampolining, Aerobics, Dodgeball, Leadership	Creative/Healthy Active Lifestyles: Gymnastics, Volleyball, Rounders
Outwitting Opponents: Tag Rugby, Badminton, Futsal		

	Outwitting Opponents: Football, Rugby, Basketball	Outwitting Opponents: Softball, Rounders, Table Tennis
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Year 11

Topics of study

Term 1	Term 2	Term 3
Maximum Performing Levels: Rugby, Football Creative/Healthy Active Lifestyles: Mixed Ball Games, Dodgeball Outwitting Opponents: Football, Handball	Maximum Performing Levels: Volleyball, Badminton, Handball Creative/Healthy Active Lifestyles: Trampolining, Circuit Training Outwitting Opponents: Table Tennis, Softball, Dodgeball	

As well as PE being a core, non-examined subject, there is also an option for students to follow a GCSE qualification within PE at Key Stage 4.

Examination specification details

Year 11 (Edexcel: 2PE01)	Year 10 (AQA 8582)
<ul style="list-style-type: none"> • Topic 1.1.1 Healthy, active lifestyles and how they could benefit you • Topic 1.1.2 Influences on your healthy active lifestyle • Topic 1.1.3 Exercise and fitness • Topic 1.1.4 Physical activity as part of your healthy active lifestyles • Topic 1.1.5 Your personal health and wellbeing • Topic 1.2.1 Physical activity and your health, mind and body • Topic 1.2.2 A healthy, active lifestyle and your cardiovascular system • Unit 2: The analysis of performance 	<ul style="list-style-type: none"> • Applied Anatomy and Physiology • Movement Analysis • Use of data • Physical Training • Sport Psychology • Sociocultural Influences • Health, Fitness and Wellbeing

Assessment information

AQA (First examination Summer 2018)

Paper 1: The human body and movement in physical activity and sport

- Applied anatomy and physiology
- Movement analysis
- Physical training
- Use of data

How it's assessed

- Written exam: 1 hour 15 minutes
- 78 marks
- 30% of GCSE

Questions

- Answer all questions.
- A mixture of multiple choice/objective test questions, short answer questions and extended answer questions.

Non-exam assessment/Practical:

What is assessed

- Practical performance in three different physical activities in the role of player/performer (one in a team activity, one in an individual activity and a third in either a team or in an individual activity).
- Analysis and evaluation of performance to bring about improvement in one activity.

How it is assessed

- Assessed by teachers
- Moderated by AQA
- 100 marks
- 40% of GCSE Questions
- For each of their three activities, students will be assessed in skills in progressive drills (10 marks per activity) and in the full context (15 marks per activity).
- Students will be assessed on their analysis (15 marks) and evaluation (10 marks) of performance to bring about improvement in one activity.

Paper 2: Socio-cultural influences and well-being in physical activity and sport

What is assessed

- Sports psychology
- Socio-cultural influences
- Health, fitness and well-being
- Use of data

How it is assessed

- Written exam: 1 hour 15 minutes
- 78 marks
- 30% of GCSE

Questions: A mixture of multiple choice/objective test questions, short answer questions and extended answer questions.

Homework

'Weekly words' will be set for students to learn the definitions of and spellings of language that supports learning.

- Homework set on a weekly basis to all students to attend at least two extra-curricular clubs.
- Research based homework to encourage flipped learning (learning content or topics at home ready to apply knowledge in the classroom).

Topics include:

- Musculoskeletal system – functions, structure and how movement is produced.
- Cardio-respiratory system and the pathway of air
- Anaerobic and aerobic exercise
- Movement analysis and lever systems relating to sport performance
- Physical Training, the components of fitness and how they are tested
- Prevention of injury
- Interpreting data
- Exam style questions to support exam technique in all aspects of the specification.

Five ways you can support your child in Physical Education:

1. Encourage students to attend the wide range of extra-curricular sport clubs available at lunchtime and afterschool
2. Supporting community events or sports fixtures at the school
3. Reinforce healthy messages and practices your child learns at school; helping them to make decisions about health and lifelong physical activity habits.
4. Track homework on Show My Homework to ensure home learning is completed consistently and to a high standard.
5. Encourage active revision techniques and for students to complete past exam questions in preparation for end of unit assessment and exams. More information can be found in the 'Other useful information section' of this page.

Other useful information

- Extra-Curricular timetable to be visible on the school website.
- Fixture list on website – CB to upload
- Sport House Competitions to be uploaded by CB
- CB to upload document on 'Steps to Success' when answering longer style GCSE question.
- Y11 GCSE PE Exam - 19th May 2017 (afternoon)

RELIGIOUS STUDIES

Head of department: Mrs K Coleclough

E-mail: kcoleclough@boteler.org.uk

Teaching staff

Mrs K Coleclough – Head of subject
Mrs S Rostron

Year 10

Topics of study

Term 1	Term 2	Term 3
Thematic study of Judaism	Thematic study of Judaism	Theme A – Relationships and families

Year 11

Topics of study

Term 1	Term 2	Term 3
Theme B – Religion and Life	Theme D – Religion, peace and conflict	Theme E – Religion crime and punishment

Examination specification details

AQA Religious Studies Specification A

Assessment information

100% written exam over 2 papers.

Homework

Homework will be set twice a fortnight with a specific link to the course content. It will usually be an exam question to build up the exam technique and skills needed to address Religious Studies themes effectively. All homework will be set via Show my homework.

Five ways you can support your child in Religious Studies

1. Encourage them to complete all homework tasks
2. Encourage them to revise carefully for the assessments and exams – the VLE has support materials available to assist with this
3. Encourage them to express their own views and draw comparisons with the views of others
4. Encourage pupils to watch the news and be aware of what is going on in the world around them
5. Encourage them to approach the subject with the correct attitude towards learning.

COMBINED SCIENCE

Head of department: Mr D Iqbal

E-mail: diqbal@boteler.org.uk

Teaching staff:

Mr D Iqbal – Head of subject

K. White - 2nd in Science, responsible for KS3

S. Meldrum - KS4 Progress Leader

P. Antrobus - Year 7 Progress Leader

M. Lewis

Year 10

Topics of study

Term 1	Term 2	Term 3
B2 Cells and Control C5 C6 Ionic and Covalent bonding C7 Types of substances P3 Conservation of energy B3 Genetics C8 Acids P4 Waves	C9 Calculations involving masses P5 Light and the electromagnetic spectrum B4 Natural selection and genetic modification C10 Electrolytic process C11 Obtaining and using metals P6 Radioactivity B5 Health, disease and the development of medicines C12 Reversible reactions and equilibria C13 Transition metals, alloys and corrosion	C14 Quantitative analysis C15 Dynamic equilibria and calculations involving gases P7 Astronomy B6 Plant structures and their functions (tbc in Year 11) C16 Chemical cells and fuel cells C17 Groups in the periodic table P8 Energy Forces doing work P9 Forces and their effects (tbc in Year 11)

Year 11

Topics of study

Term 1	Term 2	Term 3
B6 Plant structures and their functions (continued) C18 Rates of reaction P9 Forces and their effects (continued) P10 Electricity and circuits B7 Animal coordination, control and homeostasis C19 Heat energy changes in chemical reactions C20 Fuels P11 Static electricity B8 Exchange and transport in animals C21 Earth and atmospheric science P12 Magnetism and the motor effect	P13 Electromagnetic induction P14 Particle model P15 Forces and matter C22 Qualitative analysis C23 Hydrocarbons C24 Polymers C25 Alcohols and carboxylic acids C26 Bulk and surface properties of matter including nanoparticles B9 Ecosystems and material cycles	Revision and assessment

Examination specification details

Level 2 GCSE (9 - 1) in Combined Science (1SC0)

Assessment information

100% examination

Biology 1 Paper 1 1hr 10 60 marks	Chemistry 1 Paper 3 1hr 10 60 marks	Physics 1 Paper 5 1hr 10 60 marks
Biology 2 Paper 2 1hr 10 60 marks	Chemistry 2 Paper 4 1hr 10 60 marks	Physics 2 Paper 6 1hr 10 60 marks

Homework

Homework will be a variety of activities involving experimental write ups, mathematical activities such as graph skills, and consolidation of classroom learning.

Five ways you can support your child in Science

1. Ensure they complete their homework to a high standard and on time.
2. Purchase a revision guide from school or online and encourage them to read over the topics they have learnt in school that week.
3. Encourage them to attend any revision classes that are on in school.
4. Encourage them to start revising early and to create a revision timetable well in advance of exams.
5. Download past exam papers from the website (Edexcel) and encourage them to complete them at home.

SINGLE SCIENCE GCSE (TRIPLE SCIENCE)

BIOLOGY

Head of department: David Iqbal

E-mail: digbal@boteler.org.uk

Teaching staff:

Mr D Iqbal – Head of subject

K. White - 2nd in Science, responsible for KS3

S. Meldrum - KS4 Progress Leader

P. Antrobus - Year 7 Progress Leader

M. Lewis

Year 10

Topics of study

Term 1	Term 2	Term 3
B2 Cells and control B3 Genetics	B4 Natural selection and genetic modification B5 Health, disease and the development of medicines	B6 Plant structures and their functions (tbc in Year 11) Revision and assessment

Year 11

Topics of study

Term 1	Term 2	Term 3
B6 Plant structures and their functions (continued) B7 Animal coordination, control and homeostasis B8 Exchange and transport in animals	B9 Ecosystems and material cycles	Revision and assessment

Examination specification details

Level 2 GCSE (9 - 1) in Biology (1BI0)

Assessment information

100% examination

GCSE (9-1) Biology
Biology 1 Paper 1 1hr 45 100 marks
Biology 2 Paper 2 1hr 45 100 marks

Homework

Homework will be a variety of activities involving experimental write ups, mathematical activities such as graph skills, and consolidation of classroom learning.

Five ways you can support your child in Biology:

1. Ensure they complete their homework to a high standard and on time.
2. Purchase a revision guide from school or online and encourage them to read over the topics they have learnt in school that week.
3. Encourage them to attend any revision classes that are on in school.
4. Encourage them to start revising early and to create a revision timetable well in advance of exams.

5. Download past exam papers from the website (Edexcel) and encourage them to complete them at home.

CHEMISTRY

Head of department: David Iqbal

E-mail: diqbal@boteler.org.uk

Teaching staff:

Mr D Iqbal – Head of subject

K. White - 2nd in Science, responsible for KS3

S. Meldrum - KS4 Progress Leader

P. Antrobus - Year 7 Progress Leader

M. Lewis

Year 10

Topics of study

Term 1	Term 2	Term 3
C5 Ionic bonding C6 Covalent bonding C7 Types of substance C8 Acids	C9 Calculations involving masses C10 Electrolytic process C11 Obtaining and using metals C12 Reversible reactions and equilibria C13 Transition metals, alloys and corrosion C14 Quantitative analysis	C15 Dynamic equilibria and calculations involving gases C16 Chemical cells and fuel cells C17 Groups in the periodic table Revision and assessment

Year 11

Topics of study

Term 1	Term 2	Term 3
C18 Rates of reaction C19 Heat energy changes in chemical reactions C20 Fuels C21 Earth and atmospheric science	C22 Qualitative analysis C23 Hydrocarbons C24 Polymers C25 Alcohols and carboxylic acids C26 Bulk and surface properties of matter including nanoparticles	Revision and assessment

Examination specification details

Level 2 GCSE (9 - 1) in Chemistry (1CH0)

Assessment information

100% examination

GCSE (9-1)
Chemistry

Chemistry 1

Paper 1
1hr 45
100 marks

Chemistry 2

Paper 2
1hr 45
100 marks

Homework

Homework will be a variety of activities involving experimental write ups, mathematical activities such as graph skills, and consolidation of classroom learning.

Five ways you can support your child in Chemistry:

1. Ensure they complete their homework to a high standard and on time.
2. Purchase a revision guide from school or online and encourage them to read over the topics they have learnt in school that week.
3. Encourage them to attend any revision classes that are on in school.
4. Encourage them to start revising early and to create a revision timetable well in advance of exams.
5. Download past exam papers from the website (Edexcel) and encourage them to complete them at home.

PHYSICS

Head of department: David Iqbal

E-mail: diqbal@boteler.org.uk

Teaching staff:

Mr D Iqbal – Head of subject

K. White - 2nd in Science, responsible for KS3

S. Meldrum - KS4 Progress Leader

P. Antrobus - Year 7 Progress Leader

M. Lewis

Year 10

Topics of study

Term 1	Term 2	Term 3
P3 Conservation of energy P4 Waves	P5 Light and the electromagnetic spectrum P6 Radioactivity	P7 Astronomy P8 Energy Forces doing work P9 Forces and their effects (tbc in Year 11) Revision and assessment

Year 11

Topics of study

Term 1	Term 2	Term 3
P9 Forces and their effects (continued) P10 Electricity and circuits P11 Static electricity P12 Magnetism and the motor effect	P13 Electromagnetic induction P14 Particle model P15 Forces and matter	Revision and assessment

Examination specification details

Level 2 GCSE (9 - 1) in Physics (1PH0)

Assessment information

100% examination

GCSE (9-1)
Physics

Physics 1
Paper 1
1hr 45
100 marks

Physics 2
Paper 2
1hr 45
100 marks

Homework

Homework will be a variety of activities involving experimental write ups, mathematical activities such as graph skills, and consolidation of classroom learning.

Five ways you can support your child in Physics

1. Ensure they complete their homework to a high standard and on time.
2. Purchase a revision guide from school or online and encourage them to read over the topics they have learnt in school that week.
3. Encourage them to attend any revision classes that are on in school.
4. Encourage them to start revising early and to create a revision timetable well in advance of exams.
5. Download past exam papers from the website (Edexcel) and encourage them to complete them at home.



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Diocese of Liverpool

 THE CHURCH
OF ENGLAND
Diocese of Chester

KEY STAGE 4 CURRICULUM INFORMATION 2016-17 OPTIONAL SUBJECTS

OPTIONAL SUBJECTS

ART AND DESIGN- FINE ART

Head of department: Mrs S Joice

E-mail: sjoyce@boteler.org.uk

Year 10

Topics of study

Term 1	Term 2	Term 3
Me Myself and I	Extension to project	Mock Exam

Year 11

Topics of study

Term 1	Term 2	Term 3
My Environment	GCSE Exam preparation	GCSE exam & exhibition

Examination specification details

AQA Fine Art 4200

Assessment information

60% Coursework. 40% Exam

Homework

Pupils will be expected to complete homework weekly and can attend the art rooms after school and at lunchtime. All the homework given will be part of coursework or their exam preparation; this encourages pupils to work independently.

Five ways you can support your child in Art

1. Ask them about the project they are working on.
2. Ask them to regularly show you their sketchbook and the ideas they are developing.
3. Check their weekly homework as this is an essential part of coursework.
4. If they have missed lessons arrange for extra support after school sessions.
5. Encourage them, give them confidence in their work especially in the exam preparation periods.

Other useful information

The sketchbook is an essential part of coursework. They will be asked to buy an A3 sketchbook at the start of the course. Pupils will be offered the chance to buy an art pack which will aid their homework.

Researching other cultures and artists is part of the course. A trip will be made at the start of Year 10 to a gallery or place of interest.

They will also be experimenting with materials and developing their ideas.

At the end of Year 10 pupils will experience a five hour mock exam.

Between January and April in Year 11 pupils will complete the Exam element. They will choose one question from a choice of seven, then spend 10 weeks completing "Preparation" work before producing a final outcome over 10 hours under exam conditions.

The deadline for all work to be complete will be mid-May when the pupils will present their work in an exhibition where friends and family will be invited to celebrate their achievements.

CHILD DEVELOPMENT

Head of department: Mr A Robinson

E-mail: arobinson@boteler.org.uk

Teaching staff.

Mrs A Harrison

Miss E Dowling

Year 11

Topics of study

Term 1	Term 2	Term 3
Children at play Indoor and outdoor	PIES Physical, Intellectual, Emotional, Social.	Exam study / revision Completion of assignments

Examination specification details

AQA 4580

Assessment information

Unit 1 Written paper 1hr 30mins	40%
Unit 2 Research task	20%
Unit 3 Child study	40%

Homework

Students are expected to select a baby / toddler and complete four visits. These assignments will show detailed analysis and research. Completed in your own time

Five ways you can support your child in Child Care

1. Liaise whenever needed with Mrs Harrison if you have any concerns regarding the success of your child within this subject
2. Check SMHW.com to ensure all homework is completed on time.
3. Ask your Child to explain their assignments to you.
4. Ensure your child reads the materials given to her in lesson time.
5. Attend all parent's evenings and open days

Other useful information

Deadlines and possible days out will be given to your child throughout the year

CITIZENSHIP

Head of department: Mrs K Coleclough

E-mail: kcoleclough@boteler.org.uk

Year 10

Topics of study

Term 1	Term 2	Term 3
Theme A – Living Together in the UK	Theme B – Democracy at work in the UK	Theme C – How the law works

Year 11

Topics of study

Term 1	Term 2	Term 3
Theme D – Power and Influence	Theme E – Taking Citizenship action	Revision

Examination specification details

GCSE Citizenship Studies Edexcel

Assessment information

100% written exam over 2 papers. The second paper will include a question related to a citizenship action project which must be completed during the course.

Homework

Homework will be set twice a fortnight with a specific link to the course content. It will usually be an exam question to build up the exam technique and skills needed to address citizenship issues effectively. All homework will be set via Show my homework.

Five ways you can support your child in GCSE Citizenship

1. Encourage them to complete all homework tasks
2. Encourage them to revise carefully for the assessments and exams – the VLE has support materials available to assist with this
3. Encourage them to express their own views and draw comparisons with the views of others
4. Encourage pupils to watch the news and be aware of what is going on in the world around them
5. Encourage them to approach the subject with the correct attitude towards learning.

Other useful information

A visit to the Houses of Parliament will be offered within the duration of the course to allow pupils to see for themselves where the government make decisions. Visits from key visitors will take place such as the Local Councillor, the Magistrates, a representative from the council and the police.

COMPUTING

Head of department: Mr N Carroll

E-mail: ncarroll@boteler.org.uk

Teaching staff

Mr J Lewis

Year 10

Topics of study

Term 1	Term 2	Term 3
Computer Systems Systems Architecture Memory Storage Algorithms and Pseudocode Programming Challenges	Wired & Wireless networks Network topologies System Security Algorithms and Pseudocode Programming Challenges	Data Types Computational Thinking Algorithms and Pseudocode Programming Challenges

Year 11

Topics of study

Term 1	Term 2	Term 3
Programming Project: Programming techniques Analysis Design Development Testing and evaluation.	Ethical considerations Programming Project	Exam practice

Examination specification details

OCR GCSE Computing (9-1) – J276

Computer Systems (01)

- 80 marks
- 1 hour and 30 minutes exam
- Written paper (no calculators)

Computational thinking, algorithms and programming

- 80 marks
- 1 hour and 30 minutes exam
- Written paper (no calculators)

- Programming Project
 - 20 hours programming project
 - Completed in Year 11
 - Non Examination Assessment

Homework

Pupils will complete exam question type home works relating to the theory work completed in class – homework will be set weekly and expected to take up to 1 hour for each task. It may be necessary to also set coursework or research type tasks that would relate to coursework or theory work.

All homework can be found on Show My Homework.

Five ways you can support your child in Computing

1. Encourage homework to be completed on task and at a suitable level
2. Discuss the work completed and how it could relate to future work or study
3. Ensure that time is set aside for the completion of home-study and home work
4. Encourage neat and tidy work that can be submitted without re-drafting or having to be completed again.
5. Help by checking work.

CREATIVE I-MEDIA

Head of department: Nick Carroll

E-mail: ncarroll@boteler.org.uk

Teaching staff

Mr J Lewis – jlewis@boteler.org.uk

Year 10

Topics of study

Term 1	Term 2	Term 3
R083 - Pre-production skills, theory unit that will be ran alongside practical sessions – throughout the year (1 lesson out of 4) R082 – Creating digital graphics – coursework unit	R083 - Pre-production skills, theory unit Completing R082 – Creating digital graphics Starting to complete R085 – Creating a multipage website	R083 - Pre-production skills, theory unit Completing R085 – Creating a multipage website

Year 11

Topics of study

Term 1	Term 2	Term 3
R083 - Pre-production skills, theory unit Starting R087 Creating interactive multimedia products	R083 - Pre-production skills, theory unit Completing R087 – creating interactive multimedia products	Catch up clinics Revision sessions Exam practise and guides

Examination specification details

Cambridge Nationals in Creative iMedia are media sector-focused, including film, television, web development, gaming and animation, and have IT at their heart. They provide knowledge in a number of key areas in this field from pre-production skills to digital animation and have a motivating, hands-on approach to both teaching and learning. Cambridge Nationals deliver skills across the whole range of learning styles and abilities, effectively engaging and inspiring all students to achieve great things.

Level 1/2 Cambridge National Certificate in Creative iMedia (120 GLH) code J817

Assessment information (provide examination/CA/coursework/practical %s)

- 1 mandatory 1.15 hour exam – 60 marks (60 UMS)
- 1 mandatory Centre assessed task – 60 marks (60 UMS)
- 2 x optional Centre assessed tasks – 60 marks (60 UMS) – 120 marks (120) UMS total marks

Homework

Pupils will complete exam question type home works relating to the theory work completed in class – homework will be set weekly and expected to take up to 1 hour for each task. It may be necessary to also set coursework or research type tasks that would relate to coursework or theory work.

Five ways you can support your child in Creative iMedia

1. Encourage homework to be completed on task and at a suitable level
2. Discuss the work completed and how it could relate to future work or study
3. Ensure that time is set aside for the completion of home-study and home work
4. Encourage discussion between staff, pupils and parents and carers, if there are any concerns email teachers – who are there to help
5. Encourage neat and tidy work that can be submitted without re-drafting or having to be completed again

GCSE DRAMA

Head of department: Mr C Burbidge

E-mail: cburbudge@boteler.org.uk

Teaching staff:

Mrs A Armstrong – Progress Leader Years 8/9

Year 10

Topics of study

Term 1	Term 2	Term 3
Animal Farm Exploring text	Devising Writing a review	Devising Exam

Year 11

Topics of study

Term 1	Term 2	Term 3
Written Controlled Assessment	Performance form a text	Written Examination

Examination specification

Year 10: WJEC Eduqas GCSE Drama: 9-1

Year 11: WJEC GCSE Drama

Homework

Homework will be based around exploring texts, exploring and understanding characters and in each case will be linked to class based tasks.

Five ways you can support your child in GCSE Food and Nutrition

1. Ensure homework is completed
2. Test students on their lines (Year 11)
3. Discuss lesson content
4. Ensure that students are fully organised and have the right equipment
5. Ensure that students attend all theatre trips

Other useful information

There are theatre trips in both Year 10 and Year 11. These must be attended. Students can access past papers to support with examination preparation.

GCSE FOOD AND NUTRITION

Head of department: Mr A Robinson

E-mail: arobinson@boteler.org.uk

Teaching staff

Mr Robinson Head of Department
Mrs Llewellyn Design Technology teacher
Mrs Inman DT Technician
Mrs Bennet DT Technician

Year 10

Topics of study

Term 1	Term 2	Term 3
Cook chill Pasta making Preservation Sauce making Smart foods	Pastry methods Short crust Flaky Rough puff Sensory appeal Product analysis	Outlet HACCP Multicultural project Religion Organic Fairtrade Food miles

Year 11

Topics of study

Term 1	Term 2	Term 3
Practical based on multicultural foods Research and development	Analysis and evaluations of practical Product analysis	Sustainability and the environment Exam revision

Examination specification

AQA GCSE
Coursework 60%
Exam 40%

Homework

Homework will be based around primary and secondary research to support the completion of coursework.

Five ways you can support your child in GCSE Food and Nutrition

1. Encourage your child to attend coursework clinics
2. Ensure homework is complete to the best standard
3. Checking your child has met deadlines throughout the two year course

4. Email any concerns about the course/ homework
5. Research and revise on a regular basis

Other useful information

At the start of the GCSE students will be given their deadlines to work to throughout the year. At parents evening I will give you a copy so we can work together to ensure your child devotes the correct time towards their GCSE.

We will be running several educational trips for our students. It is extremely important that all students attend as it will give them an insight into how Food and Nutrition has an impact on the world we live in.

FRENCH

Head of department: Mrs O Ward

E-mail: oward@boteler.org.uk

Teaching staff:

Mr N Shelmerdine (Teacher of French)

Year 10

Topics of study

Term 1	Term 2	Term 3
Me, my family and friends Free-time activities Social issues	My studies Life at school/college Education post-16 Jobs, career choices and ambitions	Technology in everyday Life

Year 11

Topics of study

Term 1	Term 2	Term 3
Home, town, neighborhood and region Global issues	Travel and tourism	Exam Practice

Examination specification details

AQA French 8658

Assessment information

Reading exam 25%

What's assessed

Understanding and responding to different types of written language

How it's assessed

Written exam: 45 minutes (Foundation Tier), 1 hour (Higher Tier)

60 marks (for each of Foundation Tier and Higher Tier)

25% of GCSE

Questions

Foundation Tier and Higher Tier

Section A – questions in English, to be answered in English or non-verbally

Section B – questions in French, to be answered in French or non-verbally

Section C – translation from French into English (a minimum of 35 words for Foundation Tier and 50 words for Higher Tier)

Listening exam 25%

Paper 1: Listening

What's assessed

Understanding and responding to different types of spoken language

How it's assessed

Written exam: 35 minutes (Foundation Tier), 45 minutes (Higher Tier)

40 marks (Foundation Tier), 50 marks (Higher Tier)

25% of GCSE

(Each exam includes 5 minutes' reading time of the question paper before the listening stimulus is played.)

Writing exam 25%

Paper 4: Writing

What's assessed

Communicating effectively in writing for a variety of purposes

How it's assessed

Written exam: 1 hour (Foundation Tier), 1 hour 15 minutes (Higher Tier)

50 marks at Foundation Tier and 60 marks at Higher Tier

25% of GCSE

Questions

Foundation Tier

Question 1 – message (student produces four sentences in response to a photo) – 8 marks

Question 2 – short passage (student writes a piece of continuous text in response to four brief bullet points, approximately 40 words in total) – 16 marks

Question 3 – translation from English into French (minimum 35 words) – 10 marks

Question 4 – structured writing task (student responds to four compulsory detailed bullet points, producing approximately 90 words in total) – there is a choice from two questions – 16 marks

Higher Tier

Question 1 – structured writing task (student responds to four compulsory detailed bullet points, producing approximately 90 words in total) – there is a choice from two questions – 16 marks

Question 2 – open-ended writing task (student responds to two compulsory detailed bullet points, producing approximately 150 words in total) – there is a choice from two questions – 32 marks

Question 3 – translation from English into French (minimum 50 words) – 12 marks

Speaking exam 25%

What's assessed

Communicating and interacting effectively in speech for a variety of purposes

How it's assessed

Non-exam assessment

7–9 minutes (Foundation Tier) + preparation time

10–12 minutes (Higher Tier) + preparation time

60 marks (for each of Foundation Tier and Higher Tier)

25% of GCSE

Questions

Foundation Tier and Higher Tier

The format is the same at Foundation Tier and Higher Tier, but with different stimulus questions for the Photo card and different stimulus materials for the Role-play. The timings are different too:

Role-play – 15 marks (2 minutes at Foundation Tier; 2 minutes at Higher Tier)

Photo card – 15 marks (2 minutes at Foundation Tier; 3 minutes at Higher Tier)

General conversation – 30 marks (3–5 minutes at Foundation Tier; 5–7 minutes at Higher Tier)

Homework

Weekly vocabulary and spelling tests.

Exam question practice

Grammar exercises

Paragraphs and essays

Ways you can support your child in French

1. Help with vocabulary tests
2. Encourage your child to access subject specific websites
3. Ensure your child completes all home works
4. Provide you child with an Anglo-French dictionary
5. Encourage your child to attend language club

Other useful information:

July day trip to France for Y10 pupils.

GEOGRAPHY

Head of department: Mr M Jagger

E-mail: mjagger@boteler.org.uk

Teaching staff:

M Jagger – Head of subject

Z Lomax – Teacher of Geography – zlomax@boteler.org.uk

Year 10

Topics of study

Term 1	Term 2	Term 3
Global Hazards / Urban Futures	Distinctive landscapes / UK in the 21 st century	Changing climate / Fieldwork and decision making skills.

Year 11

Topics of study

Term 1	Term 2	Term 3
Dynamic Development / Sustaining ecosystems	Resource Reliance / Revision or catch up	Revision / Exams

Examination specification

OCR B: Geography (Geography for the Enquiring Mind)

Assessment information

There will be three examinations at GCSE.

Our Natural World (01) – 1 hour 15minute written paper – 35%

People and Society (02) – 1 hour 15minute written paper – 35%

Geographical Exploration (03) – 1 hour 30minute written paper – 30%

Your child's WA grade will be based on past paper exam questions on the topics they have been studying.

Homework

Homework will vary from teacher to teacher but this will be in line with the school's policy on homework. All homework will support in class learning.

Ways you can support your child in Geography

1. Get them to watch the news.
2. Support them with their homework
3. Ask them about what they are studying in geography and see if they can teach you something new! This will help with recall which is needed for their exams.
4. Encourage their attendance and punctuality.
5. Ensure attendance on any field trips

Other useful information

There will be two fieldtrips throughout this course. One looking at human geography and one at physical.

HISTORY

Head of department: Mr P.Williams

E-mail: pwilliams@boteler.org.uk

Teaching staff:

Mr P Williams – Head of subject

Mr P.McAleese – Deputy Headteacher

Mr M. Morley

Year 10

Topics of study

Term 1	Term 2	Term 3
Medicine Through Time	Medicine and Surgery in the Trenches of World War One	The American West

Year 11

Topics of study

Term 1	Term 2	Term 3
Anglo-Saxon England	USA at Home and Abroad 1955-1975	Consolidation of Previous topics/ Exam Preparation

Examination specification details

Y11 2016/17 – OCR History A

Y10 2016/17 - EDEXCEL History

Assessment information

The History department will assess at 4 different points of the year with a formal assessment testing a range of GCSE skills. Y11 will also undergo a number of Mock exams where an accurate full grade will be ascertained.

Y11 2016/17: Exam 1 = 45% Exam 2 = 30% Controlled Assessment = 25%

Y10 2016/17: Exam 1 = 30% Exam 2 = 40% Exam 3 = 30%

Homework

Homework in History is set in-line with the whole-school homework policy. In the History Department this will be set in a variety of ways to support the learning of all students. It will primarily include a mixture of research projects, key GCSE practice questions and specific source analysis activities.

Five ways you can support your child in History

1. Monitor their homework record and keep in touch with the department if you have any concerns.
2. Encourage students to value their homework and complete it to the best of their ability.
3. Encourage students to be critical about information presented to them and form their own judgements about different issues.
4. Encourage your children to take an active interest in historical topics.
5. Encourage your children to look at different situations from both sides of the argument to form a balanced view.

Other useful information

Year 11 2016/17:

Controlled Assessment on Irish History. A research task is currently being completed and should be submitted by all Y11 GCSE students on 5th September 2016.

The Controlled Assessment is a 2000-word essay which will be completed over the course of 8 hours in school (over a number of sittings) in controlled exam conditions. It will be completed in Term 1 of the academic year.

Trip to Leeds Thackray Museum. Date TBC

Year 10 2016/17 :

Y10 students will be starting on the new 11-16 qualification and the structure of this will be different to previous years. The department will be using the Edexcel exam board for students sitting their exams in Summer 2018 onwards. More information can be found at:

<http://qualifications.pearson.com/en/qualifications/edexcel-gcse/history-2016.html>

GCSE MUSIC

Head of department: Mrs Annette Clarke

E-mail: aclarke@boteler.org.uk

Teaching staff

Mrs Lisa Butcher – music teacher.

Mr Philip Clarke –drum teacher and world music specialist.

Year 10

Topics of study

Term 1	Term 2	Term 3
Develop solo performance skills. Basic listening skills explored. Composition skills –through form and structure.	Composition techniques. Solo performance. Listening skills.	Begin unit 4 composition (20%). Refine and further develop solo performance skills. Begin ensemble skill development.

Year 11

Topics of study

Term 1	Term 2	Term 3
Refine solo performance skills. Develop ensemble skills. Unit 4 composition work completed. Develop listening skills.	Develop and refine ensemble skills. Unit 2 composition linked to a strand set by the exam board. Listening skills.	Complete any outstanding performances. Refine composition work. Listening skills.

Examination specification details

AQA GCSE MUSIC 4272.

Assessment information

At GCSE pupils are assessed on their composition and performing work through Controlled assessments which take place throughout the year. Pupils will be advised of these in advance.

A listening test will take place at the end of year 10 within the summer term.

Year 11 will have a mock listening test during the Mock exam fortnight within school.

Homework

Pupils are expected to practise at home and in school on a regular basis in order to develop their solo performance skills.

They are expected to attend extra sessions if they are provided.

Revise key terminology to support the listening tasks.

Five ways you can support your child in Music

1. Encourage them to listen to as many types of music as possible.
2. Encourage them to discuss the music they hear using key musical terminology.
3. Ensure they practise their instrument/vocal skills regularly.
4. Individual or shared lessons can be taken on a variety of instruments. This will certainly improve success in the performance unit.
5. Encourage them to talk about what they are doing in class, ask them to play their pieces to you

RESISTANT MATERIALS

Head of department: Mr A Robinson

E-mail: arobinson@boteler.org.uk

Teaching staff

Mr Robinson Head of Department
Mrs Llewellyn Design Technology teacher
Mrs Inman DT Technician
Mrs Bennet DT Technician

Year 10

Topics of study

Term 1	Term 2	Term 3
Investigation into materials and their properties. Advanced joining techniques	Applying finishes to materials. Utilising hand tools and machinery	Understanding industrial processes. Computer aided design and Manufacture

Year 11

Topics of study

Term 1	Term 2	Term 3
Producing a manufacturing specification Research and development	Choosing materials fit for purpose. Manipulating materials	Evaluation Industrial practices Environmental issues

Examination specification details

AQA GCSE

Design portfolio / coursework 20%

Manufacture of product 40%

2 hour written examination 40%

Homework

Students will be given regular homework which will link directly to their GCSE. This will comprise of Investigations and Research. Towards the student's examination homework will feature revision tasks. There will be homework / coursework drop in clinics every week for students to attend if they require extra guidance.

Five ways you can support your child in GCSE Design Technology

1. Encourage your child to attend after school Technology clubs to gain extra skills and knowledge.
2. Ensure all homework is completed to the best possible standard.
3. There will be deadlines for GCSE coursework throughout the year. It is important that you are aware of these deadlines and that we work as a team to ensure they are met.
4. Email me with any concerns you may have, I will always respond the same day if possible.
5. There are many fabulous websites dedicated to Design and Technology. GCSE BITESIZE is a great tool for information and revision.

Other useful information

At the start of the GCSE students will be given their deadlines to work to throughout the year. At parents evening I will give you a copy so we can work together to ensure your child devotes the correct time towards their GCSE.

We will be running several educational trips for our students. It is extremely important that all students attend as it will give them an insight into how Design and Technology has had an impact on the world we live in.