

Year 10

Exam Topics 2019

This document has details of the topics covered in this year's Year 10 Exams.

The exams are held during the period
20th to 28th June.

All exams will be sat in the hall or gym unless otherwise stated on the exam timetable. They are conducted in **strict public exam conditions**.



Dear Parents/Students,

Year 10 exams will run from Thursday 20th June to Friday 28th June, please see the enclosed timetable.

Morning exams will start at **9.00am** and afternoon exams will start at **1.00pm**, there may be some exams in the middle of the day so please check the timetable. Students should arrive **15 minutes** before the exam start.

During the exam period Year 10 will only attend school for their exams, normal timetabled lessons will resume on Monday 1st July. Students must sign in and out at the student entrance and be in full school uniform at all times while on the school site.

These exams are integral to the students' success and will be a good measure in terms of progress. It is vital that Year 10 prepare properly and enclosed in this booklet is the subject content they will be examined on.

We wish them well at this important time.

Luke Conduit-Smith
Deputy Head Teacher

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Year 10 Exam Timetable

TIME	EXAM	LENGTH
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Thursday 20th June 2019

9.00am	Maths Paper 1 - Non Calculator	1hr 30
11.15am	French/German/Spanish - Reading	45 mins/1hr
1.00pm	English Language	1hr 45

Friday 21st June 2019

9.00am	Science - Biology	1hr 15/1hr 45
11.15am	French/German/Spanish - Writing	1hr/1hr 15
1.00pm	Maths Paper 2 - Calculator	1hr 30

Monday 24th June 2019

9.00am	English Literature	2hrs 15
1.00pm	Science - Chemistry	1hr 15/1hr 45

Tuesday 25th June 2019

9.00am	French - Listening	35 mins/45 mins
10.15am	German - Listening	35 mins/45 mins
11.30am	Spanish - Listening	35 mins/45 mins
1.00pm	Geography	1hr 30
1.00pm	History	1hr 20

Wednesday 26th June 2019

9.00am	Religious Studies	1hr
9.00am	Citizenship	1hr 45
11.15am	Media	1hr 30
11.15am	Music	1hr
1.00pm	Hospitality & Catering	1hr 15
1.00pm	Sociology	1hr

Thursday 27th June 2019

9.00am	Science - Physics	1hr 15/1hr 45
11.15am	Geography	35 mins
1.00pm	Computer Science	1hr
1.00pm	Drama	1hr 10
1.00pm	PE	1hr 45

Friday 28th June 2019

9.00am	Dance	1hr 30
11.15am	Product Design	1hr 30
1.00pm	PE	1hr 15
1.00pm	Business	1hr 30

Art

What will the exam look like?

You will complete a Mock exam; you will create your outcome (A04) based on your coursework. You will be off timetable for 2 days. Your final piece is a sustained piece of work that should take you 10 hours to complete.

What skills will I be tested on?

You will be tested on all assessment objectives for your GCSE Art coursework.

- A01 Develop ideas through investigations, demonstrating critical understanding of sources
- A02 Refine work by exploring ideas, selecting and experimenting with appropriate media, materials, techniques and processes.
- A03 Record ideas, observations and insights relevant to intentions as work progresses.
- A04 Present a personal and meaningful response that realises intentions and demonstrates understanding of visual language.

Useful Revision Sources:

Make sure you have your coursework completed up to date, so you are ready for your design ideas.

Business Studies

The exam is 1 hour 30 minutes

A complete **Theme 1** paper.

1.1 Enterprise and entrepreneurship

1.1.1 The dynamic nature of business

1.1.2 Why new business ideas come about

1.1.3 How new business ideas come about

- 1.1.4 Risk and reward
- 1.1.5 The role of business enterprise
- 1.1.6 Adding value
- 1.1.7 The role of the entrepreneur

1.2 Spotting a business opportunity

- 1.2.1 Customer needs
- 1.2.2 Market research
- 1.2.3 Market segmentation
- 1.2.4 Market mapping
- 1.2.5 The competitive environment

1.3 Putting a business idea into practice

- 1.3.1 Business aims and objectives
- 1.3.2 Business revenues, costs and profit
- 1.3.3 Break-even
- 1.3.4 The importance of cash
- 1.3.5 Cash flow forecasts
- 1.3.6 Sources of small business finance

1.4 Making the business effective

- 1.4.1 Ownership and liability
- 1.4.2 Franchising
- 1.4.3 Business location marketing mix
- 1.4.4 Business plans

1.5 Understanding external influences of business

- 1.5.1 Stakeholders
- 1.5.2 Technology and business
- 1.5.3 Legislation and business
- 1.5.4 Introduction to the economy

- 1.5.5 The economy and business
- 1.5.6 External influences on business

Citizenship

What will the exam look like?

A full exam paper last 1 hour 45 minutes. This will be a mixture of short questions, six markers and at least one longer essay at the end.

What topics will I need to revise?

Theme A - Communities and Human Rights

Theme B - Politics in the UK

Theme C - Crime and Law

What skills will I be tested on?

- AO1 Your basic knowledge and understanding (short questions)
- AO2 Your ability to apply your knowledge and understanding to a specific context (the 6 mark questions)
- AO3 Your ability to evaluate and analyse a situation from different angles (Essay)

Useful Revision Sources

T:\Subjects\Citizenship\Year 10

Drama

1. You will do a PPE on Section A of the written exam (Component 3). These questions are all based on the exam text, DNA. You will answer questions from the point of view of a performer, director and designer.

2. You will need to revise:
 - Key terminology
 - Events, characters and all details in the play text
 - Exam technique
3. You will be tested on your ability to interpret, as a theatre practitioner, an extract from the play. See point 2
4. Revision resources:
 - Key word booklet
 - The play text: DNA
 - The Powerpoint we have used in lesson time

Hospitality & Catering

Types of establishments	Commercial Non commercial Ratings
Front of house staff	Job titles – manager, housekeeping, waiter Roles and responsibilities
Legislations	Data protection Act Health and Safety Act
Types of service	The different types of food service which can be provided for example - Fast food, Buffet, A la Carte
Service Stations	What can be offered – food, drink, rest break, petrol
Team work	What attributes are needed within a good team? Qualities for a good team leader?

Environmental Health Officer

Purpose
Role and responsibilities

Reduce, Re-use, Recycle

What is it?
How can it be implemented?
What measures can be taken?

Record Keeping - meetings

Items which need to be recorded
– dates, times, special dietary requirements, overnight accommodation, car parking

Staff training

Basic training that must be covered
How can training be offered?

Customer needs

How can customer satisfaction be measured?
Multi-cultural needs
Health needs

Technology

What equipment can be used – electronic tills, phone apps, Wi-Fi, Bluetooth, nutritional programmes

Risk Assessments for Events

What are they?
How are they used?
Example –
Hazard - Faulty electrical equipment
Control – ensure it is PAT tested before meeting/event

Costing events

What factors need to be considered when costing events
– overheads, wages, VAT

Product Design

Core Technical Principles:

- New and Emerging Technologies:
- Industry and enterprise
- Sustainability and the environment
- People, culture and society
- Production techniques and systems
- Informing design decisions

Energy, materials, systems and devices:

- Energy generation
- Energy storage
- Modern materials
- Smart materials
- Composite materials and technical textiles
- Systems approach to designing
- Electronic systems processing
- Mechanical devices

Students will be given a range of multiple choice, short and long answer questions based on the style of GCSE exam questions.

The exam will include some maths related questions, therefore *students will need to bring a calculator*.

BTEC Art & Design: Practice (V-Craft)

Analysis and Response

Analyse an artist's work. Make three different responses/interpretations to the given artists.

Explain the meaning behind the artist work and your own interpretations.

You must explain the techniques that you would use to create each of your ideas.

English

For Y10 Language, students will complete a GCSE Paper 1 (Fiction Reading). They will then do a writing paper also on Fiction. For Literature, they will do a composite paper, combining the questions from Paper 1 and Paper 2 of the texts covered this year. Again, the entire year's work has been preparation for this.

Y10 Language Paper 1 *1 hour 45 minutes*

Y10 Literature *2 hours 15 minutes*

Students will need to revise their work on Fiction Reading and Writing for Language. They will need to revise notes on '*An Inspector Calls*', '*Jekyll and Hyde*' and *Unseen Poetry* for Literature.

Reading Skills: Comprehension - Selecting information; Language and Structure analysis and Critical Evaluation.

Writing Skills: Shaping a whole text, paragraphing, language devices, vocabulary, sentence construction, punctuation accuracy and range, descriptive and narrative writing techniques.

There are resources from previous years, including practice questions on Show My Homework.

Geography

What will the exam look like?

2018 Paper 1 & Urban part of Paper 2. (1 ½ hrs and 30 minutes respectively). Mixture of multi-choice, short and long answer questions.

What topics will I need to revise?

Hazards: tectonic, tropical storms, UK extreme weather, climate change); Ecosystems (general, cold and tropical rainforests); rivers and coasts; Urban.

What skills will I be tested on?

Maps, graphs, photos, maths, literacy (SPaG mark).

Useful Revision Sources

Links on school website, revision guides, past assessments/feedback, revision clocks and knowledge organisers.

History

Topic:

Germany 1918-1939

Question types:

- 'Inference' questions
- 'Explain' questions
- 'Source evaluation' questions
- 'Comparing interpretations' questions
- 'Explaining interpretations' questions
- 'Evaluating interpretations' questions

IT Computer Science

What will the exam look like?

Written exam paper, 1 hour

What topics will I need to revise?

Topics 3 – 5

3 Fundamentals of data representation

- Storage and Binary numbers
- Binary arithmetic and hexadecimal

- ASCII and Unicode
- Images
- Sound
- Compression

4 Computer systems

- Boolean Logic
- Application and System Software
- Systems Architecture
- CPU and Fetch-Execute Cycle
- Memory
- Secondary Storage

5 Fundamentals of computer networks

- Wired and Wireless networks
- Network Topologies
- Network Security
- Protocols and 2 layer model

Useful Revision Sources:

Teacher presentations, Revision Guide book, students Notes, worksheets, Mind maps created, www.senecalearning.com

Maths

What will the exam look like?

You will have two exam papers which will be completed in **one sitting**:

Non-Calculator	1 hour 30 minutes
Calculator	1 hour 30 minutes

What skills will I be tested on?

A full revision list for each paper will be posted on Show My Homework.

Use Hegarty Maths to search for these topics and watch the videos and complete the quizzes to support your revision.

Useful Revision Sources

Chsgmaths.com, Hegarty Maths, BBC Bitesize Maths, CorbettMaths

Media Studies

The exam is 1 hour and 30 minutes

Topics:

- Advertising
- Magazines
- Film promotion
- Music video and promotion

French

The Year 10 exam will be the Summer GCSE exam papers. Year 10 students will have four exams in total, one each for Reading, Listening, Speaking and Writing.

Questions can come from any topic from Units 1 to 12, however the speaking exam questions will come from the topics covered in class since the beginning of Year 9 i.e. Units 1-7 and Unit 9.

To revise students need to use www.kerboodle.co.uk to access the text book, sample exam questions, extra resources and activities. Students should also use Quizlet to practise their vocabulary.

For the speaking exam students should use the Speaking booklet given out in lessons.

German

What will the exam look like?

There will be a full exam paper, four exams in total, one each for Listening, Speaking, Reading and Writing.

What topics will I need to revise?

Questions can come from any topic from Units 1 to 12, however the speaking exam questions will come from the topics covered in class since the beginning of Year 9 i.e. Units 1-8.

What skills will I be tested on?

Listening, speaking, reading & writing

Useful Revision Sources

To revise students need to use www.kerboodle.co.uk to access the text book, sample exam questions, extra resources and activities. Students should also use Quizlet to practise their vocabulary. All class sheets & notes.

For the speaking exam students should use the Speaking booklet given out in lessons.

Spanish

What will the exam look like?

There will be a full exam paper, four exams in total, one each for Listening, Speaking, Reading and Writing.

What topics will I need to revise?

Questions can come from any topic from Units 1 to 12, however the speaking exam questions will come from the topics covered in class since the beginning of Year 9 i.e. Units 1-8.

What skills will I be tested on?

Listening, speaking, reading & writing

Useful Revision Sources

To revise students need to use www.kerboodle.co.uk to access the text book, sample exam questions, extra resources and activities. Students should also use Quizlet to practise their vocabulary. All class sheets & notes.

For the speaking exam students should use the Speaking booklet given out in lessons.

Music

The exam will be a modified past exam paper. This will be one hour long and will cover the set works and music theory we have focused on. There will be some unfamiliar listening and dictation too, along with a 12 mark essay. Pupils will also have to submit their Theme & Variation composition for marking.

Resources to use:

- BBC Bitesize,
- Edmodo revision tasks from SAO
- Music theory.net
- Quizlet
- Kahoot
- GCSE Student Book and Revision Book (Edexcel)
SAO has some copies for looking at.

Students have already been assessed for their performance's.

Dance

The exam will be 90 minutes.

Range of 1-6 mark questions on:

- Choreography
- Physical and Expressive skills
- All of the set works covered so far.

Revision on Show My Homework.

GCSE PE

What will the exam look like?

Two Exam Papers

What topics will I need to revise?

Paper 1

1. Fitness/Performance/Health/Exercise
2. Components of fitness and tests
3. Methods of training
4. Principles of training
5. Thresholds of training
6. Warm-up
7. Injuries
8. PAR-Q

Paper 2

1. Emotional/physical/social well-being
1. Lifestyles choices
2. Sedentary lifestyle
3. Diet
4. Classification of skills
5. Types of practices
6. Types of guidance
7. Types of feedback

8. SMART
9. Mental rehearsal
10. Influences
11. Commercialisation
12. Sporting behaviour

What skills will I be tested on:
A01-A03

Useful Revision Sources:
Revision guide and Past papers from Edexcel

Religion

1. The exam will have two sections: **Living the Christian Life** and **Peace and Conflict**. You will complete an (a), (b), (c) and (d) question within each section. It will last 1 hour.
2. As above – everything on **Living the Christian Life** and **Peace and Conflict**.
3. The usual exam technique for (a), (b), (c) and (d) questions.
4. Revision sheets are available in the relevant sections of the RS folder within the Public (T) Drive. These sheets will also be made available on Show My Homework. You can use your books to revise as well as the textbooks and revision guides that you can access in lessons.

Combined & Triple Science

Exam	Format	Length	Topics
Combined Science	Bio Paper 1 Che Paper 1 Phy Paper 1	1hr 15mins	B1-B9 C1-C7 P1-P7
Biology	Paper 1	1hr 30 mins	B1-B9
Chemistry	Paper 1	1hr 30 mins	C1-C7
Physics	Paper 1	1hr 30 mins	P1-P7

Revision resources can be found here:

T:\Subjects\Science\GCSE\Year 10 Revision

Unit Content is as follows:

- B1 – Cell structure and transport
- B2 – Cell division
- B3 – Organisation and the digestive system
- B4 – Organising plants and animals
- B5 – Communicable diseases
- B6 – Preventing and treating disease
- B7 – Non-communicable diseases
- B8 – Photosynthesis
- B9 – Respiration

- C1 – Atomic structure
- C2 – The periodic table
- C3 – Structure and bonding
- C4 – Chemical calculations
- C5 – Chemical changes
- C6 – Electrolysis
- C7 – Energy changes

- P1 – Conservation and dissipation of energy
- P2 – Energy transfer by heating
- P3 – Energy resources

- P4 – Electrical circuits
- P5 – Electricity in the home
- P6 – Molecules and matter
- P7 – Radioactivity

Sociology

Exam structure:

Whole education paper (half of paper 1) which includes a mixture of short answer questions and two 12 mark essay questions.

Topics:

- Education
- Sociological theory
- Research methods

Skills: knowledge and understanding, application of knowledge, analysis and evaluation.

Revision sources:

AQA GCSE 9-1 Sociology Workbook (Collins GCSE 9-1 Revision)

Top Ten Revision Tips

1. Short bursts of revision (30-40 minutes) are most effective. Your concentration lapses after about an hour and you need to take a short break (5-10 minutes).
2. Find a quiet place to revise - your bedroom, school, the library - and refuse to be interrupted or distracted.
3. Make sure you don't just revise the subjects and topics you like. Work on your weaker ones as well.
4. Make your own revision notes because you will remember what you have written down more easily. Stick key notes to cupboards or doors so you see them everyday.
5. Rewrite the key points of your revision notes; read them out loud to yourself. We remember more than twice as much of what we say aloud than of what we merely read.
6. Use different techniques. Make your own learning maps, use post-it notes to write key words on, create flash cards. Record your notes on tape and listen to them back on your Walkman. Ask friends and family to test you. Use highlighter pens to mark important points. Chant or make up a rap song.
7. Practise on past exam papers or revision tests available on the web initially do one section at a time and progress to doing an entire paper against the clock.
8. You will need help at some stage, ask parents, older brothers and sisters, teachers or friends. If there is a teacher with whom you get on well at school ask for their email address so you can clarify points you are unsure of whilst on study leave. Use websites specifically designed for revision.
9. **Don't get stressed out!** Eat properly and get lots of sleep!
10. **Believe in yourself and be positive.** If you think you can succeed you will; if you convince yourself that you will fail, that's what will probably happen.



Effective Revision

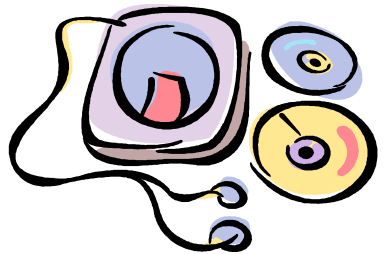
To be effective, revision must be:

- **Active** - always work with a pen and paper, look for key points, test yourself. Never just sit down and read for a set period. Focus on tasks, not time. If you just read notes you'll only retain about 10% of the information.
- **Organised** - always ask yourself at the start of a study session "what do I want to have completed in this session?" Have a plan for what you want to cover this week and this month. Have an overview of the priority areas in each subject.

Getting Started On Revision

Where?

Find a fixed place to study (a particular desk/room at home, a spot in the library, etc.) that becomes firmly associated in your mind with productive work. All the equipment and materials you need should be within reach, and the room should be well lit and ventilated, but not too comfortable! Turn your room into a positive learning environment. Keep books and notes on the desk to a minimum and decorate your walls with colourful notes and key facts. Music is fine as long as it helps you to study and blocks out distracting noises. The very best sound to study to is thought to be that of Baroque composers or Mozart. Experiments show that brains are positively stimulated and IQs boosted by such music.



What?

Remember that it's all about being *active* and *focused on tasks, not time!* Know at the start of a session what you want to have completed by the end of the period. Make the tasks specific and realistic, not vague and large.

How?

Always work with a pen and paper at the ready. Getting started is often the most difficult bit, so start by 'doing'. It usually helps to begin with a subject you like, move on to other less favoured areas, and then finish up with a favoured topic to maintain the interest.

When?

Try to schedule your study for times when you are more mentally alert. Most people find their ability to focus deteriorates towards the end of the day. Getting revision done earlier in the day aids efficiency and also offers the reward of having time to relax after the work is done.



Why?

Test your progress at the end of a study session. Ask yourself "what have I just learned?" Review the material covered in your revision session. Merely recognising material isn't enough - you must be able to reproduce it without the aid of the book or notes.

Revision

Do's and Don'ts

Do

Make a list of all the topics you need to revise

Each subject that you are studying can be broken down into its constituent parts, with main sections, sub-topics and supporting details. A very useful start is to list out all the topics on the course according to this hierarchy and use this as a 'revision checklist' for the subject. Tick topics off as you've learnt them.

Create a realistic schedule

Block the waking part of each day into three portions. Allow yourself one portion a day off and allocate subjects and topics to the remaining two. Put the schedule on display so that your family can see when you are available. It will also reassure your parents that you are in control.



Plan ahead by working backwards

By using revision checklists in your various subjects, you should know what quantity of material has to be covered over the coming months. Start from the final date (end of May) and divide your revision up week by week, allowing some flexibility for unforeseen

delays. Surprise yourself by being ready in time! Use the timetables and other sheets you have been given.

Revise using your preferred learning style

Have you tried..... mindmaps, diagrams, colour, mnemonics, recording yourself and listening back to it, rewriting your favourite song using your revision notes for a topic as the words, walking round (Great for kinaesthetic learners – try read out the positive effects of X standing on the left hand side of the room and negative effects on the right hand side).



DON'T

Just keep going!

The body and the mind need regular 'time-outs'. When you're tired, concentration is more difficult, you get distracted much easier and learning and memorisation is less effective. There comes a point in an evening study session when it is counter-productive to stay at the desk - nothing is going in and you are only tiring yourself further. Use breaks effectively, particularly after completing a task.

Answering Exam Questions

1. Scan **all** the questions.
2. Mark all the questions you can answer.
3. Read these questions carefully.
4. Choose the correct number of questions in each section.
5. Decide on an order: **best answers first**.
6. Divide up your time, allowing more time for the questions with the most marks.
7. Underline the key words in the question.
8. Plan your answer.
9. Stick to the point of the question.
10. Write your answer.
11. If you have time, re-read the questions and your answers and make any necessary corrections.





KEEP CALM AND DO SOME REVISION

and turn off your phone, use a clear pencil case, leave your phone outside, take the label off your water bottle, arrive early, check the seating plan, come in quietly, fill in your candidate details, use a black pen,
READ THE QUESTION....



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