



Ark Charter
Academy

Assessment Point 1

Year 13

Parent Information Booklet

This booklet contains details of the assessments that your child will be taking in the upcoming half term. These assessments will take place during assessment weeks (13th November – 24th November). Please refer to the assessment timetable overleaf, in some subjects the date the students will sit their assessment varies depending on which class they are in.

You will receive an interim report following these assessments so you can see how your child is progressing.

Please contact a.johnson@charteracademy.org.uk if you have any other queries about the assessments.

Year 13

Monday	Tuesday	Wednesday	Thursday	Friday
13	14	15	16	17
P1	P1	P1	P1 English Literature Paper 1 2h15m (HPT)	P1 Mathematics M1 1h30m (HPT)
P2	P2	P2	P2	P2
P3	P3	P3	P3	P3
P4	P4	P4 Physics 1h25m	P4	P4
P5	P5 Mathematics C3 1h30m (HPT/exam room)	P5	P5	P5 Biology 1h30m
P6	P6	P6	P6	P6
20	21	22	23	24
P1	P1	P1	P1	P1 English Literature Paper 3 2h15m (HPT)
P2	P2 History 45m	P2 CPS 50m	P2	P2
P3	P3	P3	P3	P3
P4	P4	P4	P4 Geography 40m	P4
P5 Geography 40m	P5	P5 History 45m	P5	P5
P6	P6 English Literature Paper 2 1h (HPT)	P6	P6	P6

(HPT) indicates the mock exam/assessment is taking place in Hornpipe.



Assessment title:

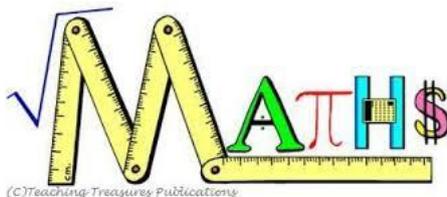
November mock exams. Your child will sit all three papers; one on poetry, one on prose and one on drama.

Topics covered:

- A Streetcar Named Desire by Tennessee Williams
- The Handmaid's Tale by Margaret Atwood
- Othello by William Shakespeare
- Frankenstein by Mary Shelley
- A selection of poems from the 'Poems of the Decade' anthology
- A selection of poems from the 'Romantics' poetry anthology

How you can help your child to achieve their best:

All students have been given revision guides for each of the main texts studied in the A Level English Literature course and these will have sample exam questions for students to complete in order to test their knowledge and exam skills. For the poetry section, students should take their anthology home and read through the annotations they have made in class. They have been advised to spend a minimum of three hours a week revising English so parents and carers can support their child by ensuring that they have a quiet space in which to complete this revision. Students are also set revision activities on a weekly basis; ensuring that these are completed to a high standard will help students to be fully prepared for the upcoming mock exams.



How your child will be assessed:

In Autumn 2 all students in Year 13 will be sitting two exam papers. All exams are 90 minutes long. The two papers will be Core 3 and Mechanics 1. The papers will be a set of questions that cover the topics that have been taught this year. We have covered half of the course in Core 3 and Mechanics 1 so the mock exam will assess students understanding of these topics. These exams will give us a very clear picture of what students have understood in year 13 and what aspects of these topics that students still need to work on.

Students who are taking resits in year 12 modules will be offered the opportunity to sit a mock exam paper in this module if they wish to do so. They will need to arrange this with Mrs Rook and they will sit the exam in their own time outside of lessons.

Topics tested include:

Core 3

- **Algebraic fractions**
- **Functions**
- **The exponential function and log functions**
- **Numerical methods**
- **Transformations of graphs**
- **Trigonometry**

Mechanics 1

- **Kinematics of a particle moving in a straight line**
- **Dynamics of a particle moving in a straight line.**

How you can help your child revise:

Maths is best revised in regular short sessions. 30 to 50 minutes every night is far more beneficial than several solid hours on the weekend.

Students have all of the past exam questions that have been given as homework's which I would suggest they re-work through.

Students all have a large amount of review past paper exam questions in the text book which they will need to work through in the build up to the exams.



A-level Biology

How your child will be assessed:

There will be regular end of topic assessments to assess understanding and application of concepts as they are learnt.

There will be several assessments of practical work contributing to CPAC (common practical assessment criteria).

During the Autumn term (but after ½ term: date TBC) there will be a larger assessment of Chapters 11-14 (photosynthesis, respiration, energy & ecosystems and organisms responding to change)

Autumn content:

Topic 5 – Energy transfers between organisms

- Ch11 – Photosynthesis
- Ch12 – Respiration
- Ch13 – Energy & Ecosystems + Nutrient Cycles

Start Topic 6 – Organisms respond to change in their internal & external environments

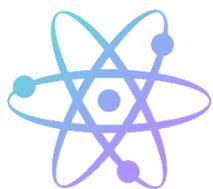
- Ch14 – Stimuli, both internal & external are detected and lead to response

How you can help your child at home:

Ensure that they are ready and able to attend all sessions promptly.

Please discuss with students at home the content they have covered this year, students should be encouraged to approach their teachers prior to the half term with any areas of concern.

Provide a safe, quiet space where your student can complete homework, independent learning and write up lesson notes.



A-level Physics

How your child will be assessed:

There will be regular end of topic assessments to assess understanding and application of concepts as they are learnt.

There will be several assessments of practical work contributing to CPAC (common practical assessment criteria).

During the Autumn term (but after $\frac{1}{2}$ term: date TBC) there will be a larger assessment of Periodic motion, capacitance and fields.

Autumn content:

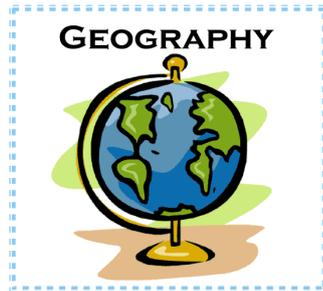
- Periodic motion
- Fields
- Gravitational fields
- Capacitance
- Magnetic fields

How you can help your child at home:

Ensure that they are ready and able to attend all sessions promptly.

Please discuss with students at home the content they have covered this year, students should be encouraged to approach their teachers prior to the half term with any areas of concern.

Provide a safe, quiet space where your student can complete homework, independent learning and write up lesson notes.



We are covering 'Coastal systems and landscapes' and will be conducting the fieldwork investigation. The fieldwork will be based on the coastal system and will require a written report which makes up 20% of the final A-Level mark.

The assessment:

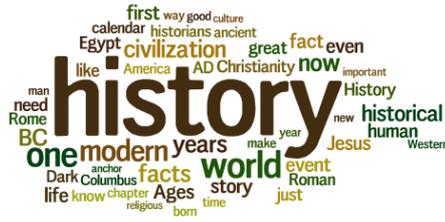
There will be two papers sat. Each will last 40 minutes. One will be based on 'Coastal systems and landscapes' and the other will focus on 'Hazards'. The second assessment will recap on and test knowledge and understanding from year 12.

Your child should revise by:

- Practicing exam style questions.
- Taking detailed notes and reading them regularly.
- Extended reading around topics being studied.

You can help by:

- Encouraging them to complete revision at home
- Testing them on key words and processes
- Investigating geographical ideas in local areas and in current news



How your child will be assessed:

2 essay questions sat in exam conditions in class. Each essay question will be 45 minutes and will be sat over two lessons. This will focus on the British experience of warfare paper.

Topics covered:

Both questions will be from the first two warfare topics in this paper: Britain and the French wars and the Crimean War. They could include these key topic areas:

- The role of Wellington: His character, the army and tactics under his command.
- Key army battles: Vimeiro, Corunna, Talavera, Torres Vedras and Waterloo.
- The role of Nelson: His character, tactics, technology and the role of the navy under his command.
- Key navy battles: Glorious First of June, Cape St Vincent, Nile and Trafalgar.
- Impact of the French wars on the British economy.
- British army in the Crimean War: Leadership of Raglan, technology and supplies.
- Key battles in the Crimean War: Alma, Balaklava and Sevastopol.
- The work of Florence Nightingale and Mary Seacole.
- War reporting: Roger Fenton and William Russell.

How you can help your child at home:

You can help your child to revise using the revision they create in class. This could be testing them on key words, dates or events.

Business Studies



What has been covered in the term:

Students have been continuing to work on the coursework units for their qualification. This term has covered International Businesses and Business Leadership.

What the assessment covers:

The students' assessment will be based on the work they have been doing in lessons throughout this year. This includes the following topics.

- International Trading
- Importing & Exporting
- Trading Blocs
- Leadership Styles
- Organisational Structures

Nature of the Assessment:

The assessment for this term will be a taken from the students' coursework. They will be assessed on their ability to research a given scenario before writing a formal report to a given business which will make a recommendation on how to improve the business.

How the student can revise:

Revision for the assessment is not as it would be for a traditional exam as this unit is based on continuous assessment. There are still a number of ways that students can improve their Business Studies knowledge including:

- Students can access their own work from their books or the computer network to check what they have done.
- Students can access the lesson resources in the Student Shared Area (this includes mock exams and mark schemes).
- Use online resources to help (Many are available but Tutor2U, Business Studies Online and BBC Bitesize are all good).
- Actively discuss businesses and experiences with them.
- Keep up to date with current affairs via the news.

How you can help your child at home:

Wherever possible, your contribution to the student's success is encouraged. There are several ways in which you can do this including:

- Making a suitable, quiet working space available.
- Ask them to share with you what they learnt in lessons and challenge misconceptions.
- Share news stories relating to business in real life.
- Share your experiences of the working environment with them.
- Ask them to demonstrate their knowledge of key terms with you.



Computer Science

How your child will be assessed:

The assessment for Year 13 Computer Science will focus upon both theory and practical aspects of the A2 course. The assessment will consist of an on-line software test. The on-line software test will include A-Level exams style questions previously set by the AQA exam board for Computer Science.

Topics covered:

The students' assessment will be based on the work they have been undertaking in class. This includes the following topics:

- Networks;
 - IP addresses
 - Network topology
 - Network types
 - Advantages and disadvantages of network types
- Bokus Naur Form
- Object Oriented Software Paradigms
- Stacks and Queues
- Python programming concepts
 - Classes and Subroutines
 - Abstract Data Types – graphs, queues and stacks

How you can help your child at home:

Wherever possible, your contribution to your child's success is encouraged. There are several ways in which you can do this including:

- Making a suitable, quiet revision space available.
- Encourage them to read around the subject of Computer Science either via the internet or from newspaper articles.
- Encourage them to consider the various ways in which Computer Science is used in society.
- Challenge / test them on key definitions and key concepts
- Practice their Programming skills using freely available Python resources.