

The Crypt School



Pre A Level Summer Work

2025

This is the **COMPULSORY** pre A Level bridging summer work for students to complete. This work is to be completed independently and teachers **WILL** expect to see evidence that this work has been completed in September. We recommend that you complete all the tasks for the 3 subjects you have selected to study at A Level in September and complete the work for a 4th reserve subject in case you change your mind or you do not get the required grades for one of your 1st choice subjects.

You are not expected to complete work for A Levels that you are not going to study.

The work to complete is outlined for each subject in this booklet. Our advice would be to store work in a ring binder folder. One folder for each of your A Level subjects, so that you can store the work in an organised fashion. If you would like information on the subject specifications to add to your folder, please find the required grades and exam board information on the school website

<https://cryptschool.org/admissions/prospectus-1/>

ART:

Welcome to A Level Art!

Please complete - [ART SUMMER WORK 2025](#)

Should you wish to do any additional work, why not try -

https://docs.google.com/document/d/1TufS2v2rRCK-s_xyMcJ3Mira6j0fZ8NW/edit?usp=sharing&ouid=100096680492210136699&rtpof=true&sd=true

Further information is on -

https://docs.google.com/presentation/d/1rQjDIVsiRC7aNSzvLOAcL_PgY_3NQI2T5B33DLsZqz0/edit?usp=sharing

ANY QUESTIONS TO Mrs Medcroft - cmecroft@crypt.gloucs.sch.uk

BIOLOGY:

Welcome to Biology. The summer work is designed to help you consolidate and build on your GCSE Biology.

There is a big jump between the knowledge and skills required at GCSE and the knowledge and skills required to be successful at A Level. To help you bridge the gap, we strongly encourage you to work through the *CGP Headstart to A-level Biology* book.

Head start guide: <https://www.amazon.co.uk/Head-Start-level-Biology-Level/dp/1782942793>

Alternatively you can use any of the GCSE revision guides and resources that you already have. Make sure that you spend time focusing on topics that you found more challenging at GCSE.

We have included some GCSE exam questions. Please complete to help you revise and prepare for beginning A level Biology, and bring them (**marked!**) in September.

There will be a baseline assessment in September so do please ensure you have revised and consolidated. This is imperative to give you a strong foundation to begin your A level studies with. GCSE content is assumed knowledge.

To access the summer work, please click on the link below.

https://drive.google.com/drive/folders/14sqyR_Uo1Cled_iAq_v0tpP3ij_8UPZ-?usp=sharing

Any questions to Mr Passmore (Head of Biology) tpassmore@crypt.gloucs.sch.uk

BUSINESS STUDIES:

Welcome to A Level Business Studies

To access the work please click on the link below and then complete all parts of 'Business Y11 to 12 workbook 2025'

<https://drive.google.com/drive/folders/1IGolzKxbweoFJfVodCwMRhGC6nxvkS04?usp=sharing>

Any questions to Mr Hopkins jhopkins@crypt.gloucs.sch.uk

CHEMISTRY:



Well done for choosing to study A-level Chemistry & welcome to the Chemistry Department.

This information & summer work is designed to help you to be ready to start the challenging A-level course in September regardless of which school you are currently at and/or the exam board you were studying at GCSE.

There is a **significant** jump between the GCSE and A-level course and the majority of the GCSE course is '*assumed knowledge*' at A-level and therefore it is imperative that you are comfortable and confident with this content right from the first lesson in September.

The summer work is designed to help you with this, and to help you to prepare for the baseline assessment test (high demand GCSE questions on the fundamental 5 topics) that will take place in early September.

To access the summer work, please click on the link [Chemistry Y12 Preparation Summer Work 2025](#)

1. Please read the guidance document - this outlines the summer work that is expected to be completed and also organisational equipment you will need to have ready for September.
2. Following revision of the 5 key topic areas (see the guidance document), complete the example high demand exam questions.
3. Use the markscheme to mark the questions, adding in any corrections in green pen.
4. If you have found these questions difficult, you will need to revise these topics further before September.
5. Bring your lab book, your A4 file and these completed questions to the first lesson in September..

Enjoy your summer and we look forward to welcoming you in September!

Any questions to Mrs Gee (Head of Chemistry) cgee@crypt.gloucs.sch.uk

COMPUTER SCIENCE:

Summer work will comprise of programming challenges and some theoretical content. Below is a link to the specification, I would expect you to read it and ensure you know what we will be covering in the two years.

<https://filestore.aqa.org.uk/resources/computing/specifications/AQA-7516-7517-SP-2015.PDF>

Programming:

Access the A level programming challenges [located here](#) and complete **tasks 1-10 only**, we will work through the rest at the start of the year as a group in lessons so if you have not used Python before, you will soon be able to pick it up. Programming features heavily on the AQA course.

There is a mathematical element to computer science and I would like you to look at some Boolean algebra. There are useful videos on YouTube and this is a typical theoretical topic we cover in year 12. Look at the specification and see what you will cover in this topic and investigate other areas of interest. It is challenging and very different to GCSE. There is always a boolean algebra task on paper 2 where you will be expected to simplify a boolean expression so it is paramount that you understand it.

<https://www.youtube.com/watch?v=HoH0PrS3WNI>

DESIGN AND TECHNOLOGY:

Welcome to A Level Design and Technology

https://drive.google.com/drive/folders/1waIF9_lq3kGVDtBoYrjyNYtaHc_WwriE?usp=sharing

You will then need to follow the link above and then there are two documents to work through. Please open the PPT first and follow the instructions.

ANY QUESTIONS TO Mrs Lapham - elapham@crypt.gloucs.sch.uk

ECONOMICS:

Welcome to A Level Economics

To access the work please click on the link below and then follow the instructions in the document titled 'Economics Summer Work 2025'.

https://drive.google.com/drive/folders/1nwlzRqPsdPDhM_l6y17ReG8YigRWswKo?usp=sharing

Any questions to Mr Hopkins: jhopkins@crypt.gloucs.sch.uk

ENGLISH LITERATURE:

Welcome to A Level English Literature!

To access the summer work please click on the link below and then go to '[Summer Activities doc](#)'

https://drive.google.com/drive/folders/11JyL1A9pnbV6Q-rqx_nUYnSiViX8U_KG

Any questions to Miss Williams: mwilliams@crypt.gloucs.sch.uk

FRENCH:

Welcome to A Level French.

Please click the link/copy into a browser to access the summer work:

https://drive.google.com/drive/folders/1DVg_2obxeDYvVyzMO-wgbqTtmllrPGfV?usp=sharing

You will then need to click on the relevant links and complete all sections.

These include:

- An introduction to the course and with some introductory tasks
- A selection of Y12 style exercises encompassing listening, reading and translation
- Links to extra-curricular resources such as news audio, films, podcasts and other media
- Consolidation of key grammar studied at KS4

In addition, please get hold of a copy of the DVD (or digital equivalent) of La Haine by Mathieu Kassovitz, the La Haine study guide <https://amzn.eu/d/iCaqtys> and a copy of the Grammar and Translation Workbook we will use throughout the course: <https://amzn.eu/d/eUO2OAV>.

If you get the chance to watch the film over the summer, then that would really help out!

Any questions to Mrs Parkin (sparkin@crypt.gloucs.sch.uk) or Mr Hooper (chooper@crypt.gloucs.sch.uk).

GEOGRAPHY:

A Level Geography Summer Work: Exploring the Subject.

The A Level geography course will cover topics you have studied before and also introduce you to new areas of study. You will be expected to explore the connections and links between topics in more detail and to increase your geographical knowledge by reading around the subject in your own time.

To access the work please click on the link below and then go to '[A Level Geography Preparation Work 2025](#)'

https://drive.google.com/drive/folders/1OZmFCpk9wbbp_9KWQicEtH-ffJmSiu9b?usp=sharing

Any questions to Mrs Brooks cbrooks@crypt.gloucs.sch.uk

GERMAN

Welcome to A Level German.

Please click the link/copy into a browser to access the summer work:

https://drive.google.com/drive/folders/1OSxcaWWvjhsBDbXYuX9FGdt4mUq3Qjh7?usp=drive_link

You will then need to click on the relevant links and complete all sections.

These include:

- An introduction to the course and with some introductory tasks
- A selection of Y12 style exercises encompassing listening, reading and translation
- Links to extra-curricular resources such as news audio, films, podcasts and other media
- Consolidation of key grammar studied at KS4

In addition, please get hold of a copy of the DVD (or digital equivalent) of Goodbye Lenin by Wolfgang Becker, <https://amzn.eu/d/9BVhxek>, the film study guide, <https://amzn.eu/d/3oja5ED>, and a copy of the Grammar and Translation Workbook we will use throughout the course, <https://amzn.eu/d/3lfQp3R>.

If you get the chance to watch the film over the summer, then that would really help out!

Any questions to Mr Pennington bpennington@crypt.gloucs.sch.uk or Mrs Jacob-Reilly jjacob-reilly@crypt.gloucs.sch.uk

GOVERNMENT AND POLITICS (POLITICS):

Welcome to A Level Politics

To access the work please click on the link below and then go 'A Level Politics Summer Work 2025'

<https://drive.google.com/drive/folders/17PysVvlc0W-9CozIF4Kro6PI4EJsgNrf?usp=sharing>

Any questions to Mr Higgs jhiggs@crypt.gloucs.sch.uk

HISTORY:

Welcome to A Level History

To access the work please click on the link below and then go to 'A Level History Summer Work 2025'

<https://drive.google.com/drive/folders/1WN4CmPnXlzG8wX4tFjUcNQMYZGXLDHog?usp=sharing>

Any questions to Mr Higgs jhiggs@crypt.gloucs.sch.uk

MATHEMATICS and FURTHER MATHEMATICS:

If you are planning on taking A level maths or further maths next year it is important that you are prepared and know all the key concepts from GCSE. Knowledge and understanding from GCSE is expected and will be assumed by your teachers. In September you will need Casio Fx-991Ex calculator or the Casio CG50 graphics calculator. You can buy one of these yourself or buy them from the department

Work through this online GCSE to A level bridging pack and bring in for September

<https://drive.google.com/drive/folders/1R-nhNQWjiBHZnyrNwCbK2tdzOW3fBEQR?usp=sharing>

and have a look at some of the GCSE further maths material which will give you a knowledge boost ready for A level

<https://corbettmaths.com/more/further-maths/>

Any questions to Miss Williams kwilliams@crypt.gloucs.sch.uk

MUSIC:

Welcome to Music. If you are planning on taking Music at A Level, please complete the summer work found here: <https://docs.google.com/document/d/1yzJ3Gj-DRccdAT-T6iTNRaQ-vjyxWfZE/edit>

Any questions to Mr Whittaker jwhittaker@crypt.gloucs.sch.uk

PHYSICAL EDUCATION (PE):

If you are considering taking A Level PE in September, it is essential that you access our google documents and download our transition booklet which fully outlines A Level PE and is filled with links, resources and activities to help you prepare for September.

To access the google document and download the transition booklet click on the following link:

<https://drive.google.com/drive/folders/1nbBuhGZLZNYuJwH5z7axq8y3AWuiLwbl?usp=sharing>

or it can be found by clicking on

<https://drive.google.com/drive/folders/1Sw-nEpcXPVd0cgg1Xjvw-OusPyA41q-T?usp=sharing>

Then go to '[Year 11-12 A Level PE transition booklet](#)'

The work and activities organised are there to support you and help prepare you ahead of starting A Level PE. Although the work is not compulsory, with losing a lot of contact time over the last academic year due to COVID and having an extended summer holiday, the work set out would be hugely beneficial to you ahead of September.

PHYSICS:

Please visit the Physics summer work google drive folder to find guidance for the summer work and what essential equipment you will need for September. You can access the folder here:

https://drive.google.com/drive/folders/16aZMdwzubuP61IOG_TDztDJWmhJNF0Gp?usp=sharing

Summer Work 2025

1. Isaac Physics:

The task involves a set of questions that will allow you to practise the key skills from GCSE that will be needed for success at A Level. The level of difficulty varies, so try every question, use the hints if required and don't give up. Your teachers will be able to see your progress and effort, so don't worry if you can't get the correct answer for every question, we will be able to see that you have tried them.

Please click on this link to access the task:

<https://isaacphysics.org/account?authToken=W8MGPM>

When you log in, please use your Crypt email address and make a note of your password somewhere safe (if you don't have a crypt email address, use a personal one for now). You don't need to complete all the questions in one go (there are quite a few - four assignments with several tasks in each) - you can keep revisiting the task between now and September and complete a section at a time. Don't leave it all until the end of the summer holidays! Your teacher will check that you have completed all the questions in September.

2. Preparation for 'baseline' test:

During the first two weeks of the course, you will sit a 'baseline' test to assess your physics skills and understanding of the areas of the GCSE course that are '*assumed knowledge*' to ensure that you are fully prepared to start the A Level course. This will consist of high demand GCSE questions (grade 7-9) only, so will feel challenging - revision is a must! The Isaac Physics questions are designed to help you with that revision.

We also recommend that you purchase and work through the Head Start to Physics A Level book, which is available here:

<https://www.amazon.co.uk/Head-Start-level-Physics-Level/dp/1782942815>

Any questions to Mrs John sjohn@crypt.gloucs.sch.uk

PSYCHOLOGY:

Welcome to A Level Psychology

To access the work please click on the link below and then complete the tasks in the power point 'Psychology Summer Work for Year 11 2025'

<https://drive.google.com/drive/folders/1aaqKSpFvQdwWJYcue1lvvAY2ot88UTK0?usp=sharing>

Any questions to Miss Plummer kplummer@crypt.gloucs.sch.u

SOCIOLOGY:

Welcome to A Level Sociology

To access the work please click on the link below and then complete the tasks in the power point 'Sociology Summer Work for Year 11 2025'

https://drive.google.com/drive/folders/1l-W3tIqRI80vkmFjE_HYBix1Av0_S_R?usp=sharing

Any questions to Miss Plummer kplummer@crypt.gloucs.sch.uk