

Year 11 into 12 Bridging the Gap
Summer Work for 2020 Entry



St Philip Howard
SIXTH FORM
Learn, Grow, Achieve

We want you to be really successful and what it takes to be successful at GCSEs is different from being successful at A-Levels. Although you have fewer subjects there are different skills at A-Level and the volume of work is greater because the depth and detail is more demanding.

Bridging the Gap Work will reassure you that the subject you have selected is for you, or allow you time to change your choice of subject at enrolment, as long as there is space and you meet the entry criteria. We want you to study a course that interests you and you are sufficiently qualified to study.

Subject: Mathematics & Further Mathematics

Head of Subject: Matt Hine

Aim of Bridging Work:

It is possible that over the summer that some of the key areas of GCSE maths that are crucial to the sixth form courses will become very rusty or in fact may never have been fully understood in the first instance. What follows is a compulsory course which will make sure that the start of your A level in maths goes smoothly. Please make sure you master the techniques and not let them master you in September.

Equipment List for 1st Lesson:

Casio Fx-991ex Classwiz calculator



Textbook(s) for September:

Textbooks will be given in digital form in September

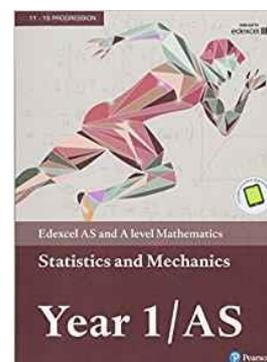
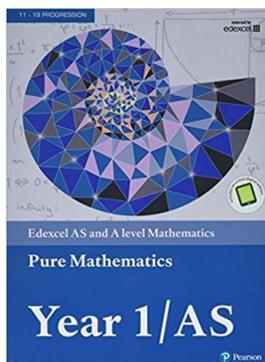
We recommend, for ease of access, you purchase a physical copy

Edexcel AS and A level Mathematics Pure

Mathematics Year 1/AS Textbook

Edexcel AS and A level Mathematics Statistics

& Mechanics Year 1/AS Textbook



Task

You will be sent a few PowerPoint slides weekly to assist in revising some Key GCSE skills, followed by some practice questions and answers. After that you will be expected to login to www.completemaths.com with the username and password that you will receive from the sixth form team. You will find assignments designed to check your understanding the weekly content being sent out, named similarly to the PowerPoint.

Please ensure that you have access to a pen, paper and a calculator whilst doing these assignments and take your time, there is no rush or time limit when on the website as long as they are completed in the week.

The first few rounds of period 11's in September will assess these key skills.

For further reading or revision, please visit the Dr Frost website:

<https://www.drfrostmaths.com/>

Home Page -> Resources (top right) -> A Level 2017 -> Pure 1 -> Pure 1 Chapters 1-4

<https://www.drfrostmaths.com/sow.php?year=A%20Level%202017&term=Pure%201>