**Preparing for Transition from Key Stage 4 to Key Stage 5**

|  |  |
| --- | --- |
| **Subject** | **Qualification** |
| **Mathematics and Further Mathematics** | **A Level** |
| **Recommended Reading Materials** | **Recommended Websites** |
| * CUP website * Book: E - A story of a number <http://webwork.utleon.edu.mx/Paginas/Libros/E%20-%20The%20Story%20of%20a%20Number.pdf> * Click [here](https://eur01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.cambridge.org%2Fgb%2Ffiles%2F4814%2F9149%2F8033%2FA_Level_Mathematics_for_AQA_Draft_Student_Book_Year_1.pdf&data=02%7C01%7Ct.gunduz%40ctksfc.ac.uk%7Ca097fd53b6534e6a529a08d7e54dd8b7%7C6734f3ea16d4432794153e71b558fec6%7C0%7C0%7C637229994812911114&sdata=gAW23W%2FcFtZTjlbrTCqbixuWSY4JgzmOeS7%2B%2B7U6ukY%3D&reserved=0) for AS (single) Maths * and click [here](https://eur01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.pearsonschoolsandfecolleges.co.uk%2FAssetsLibrary%2FSECTORS%2FSecondary%2FSUBJECT%2FMathematics%2FA%2520level%2520Maths%25202017%2Fcore_pure_maths_1_sample.pdf&data=02%7C01%7Ct.gunduz%40ctksfc.ac.uk%7Ca097fd53b6534e6a529a08d7e54dd8b7%7C6734f3ea16d4432794153e71b558fec6%7C0%7C0%7C637229994812911114&sdata=JLKpGmAhj0FcNbzmNC%2Fhk785dizd0Yt5vN80X67YLMk%3D&reserved=0) for AS Further Maths (Core Pure) - samples only | * Past papers, Specification, sample assessment material and questions <https://www.examsolutions.net/a-level-maths/aqa/> - AQA * MEI Skills packs, walkthroughs and more <https://integralmaths.org/students/> - integral * Physics and Maths tutor |
| **Preparation Tasks** | **Recommended Research** |
| * Bridging activities to prepare for A Level Maths <https://huddnewcoll.ac.uk/files/Admissions/BridgingActivities/Bridging_Activity_Mathematics_2017.pdf> * Transition tasks <https://www.fortismere.haringey.sch.uk/_site/data/files/sixth%20form/bridging%20activities/9701EFA84CD37EE3CF0C2892552289B9.pdf> * Kindle Free Edition of CGP New Head Start to A Level Maths <https://www.amazon.co.uk/New-Head-Start-Level-Maths-ebook/dp/B06XD29GX2/ref=sr_1_1_twi_kin_1?s=books&ie=UTF8&qid=1490018045&sr=8-1&keywords=B06XD29GX2> | * Click [here](https://eur01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.cambridge.org%2Fgb%2Ffiles%2F4814%2F9149%2F8033%2FA_Level_Mathematics_for_AQA_Draft_Student_Book_Year_1.pdf&data=02%7C01%7Ct.gunduz%40ctksfc.ac.uk%7Ca097fd53b6534e6a529a08d7e54dd8b7%7C6734f3ea16d4432794153e71b558fec6%7C0%7C0%7C637229994812911114&sdata=gAW23W%2FcFtZTjlbrTCqbixuWSY4JgzmOeS7%2B%2B7U6ukY%3D&reserved=0) for AS (single) Maths * and click [here](https://eur01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.pearsonschoolsandfecolleges.co.uk%2FAssetsLibrary%2FSECTORS%2FSecondary%2FSUBJECT%2FMathematics%2FA%2520level%2520Maths%25202017%2Fcore_pure_maths_1_sample.pdf&data=02%7C01%7Ct.gunduz%40ctksfc.ac.uk%7Ca097fd53b6534e6a529a08d7e54dd8b7%7C6734f3ea16d4432794153e71b558fec6%7C0%7C0%7C637229994812911114&sdata=JLKpGmAhj0FcNbzmNC%2Fhk785dizd0Yt5vN80X67YLMk%3D&reserved=0) for AS Further Maths (Core Pure) - samples only * MEI's quiz game - [https://mei.org.uk/bridgeit](https://eur01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fmei.org.uk%2Fbridgeit&data=02%7C01%7Ct.gunduz%40ctksfc.ac.uk%7C2412cf33cfad49a2f3f108d7e63e3b32%7C6734f3ea16d4432794153e71b558fec6%7C0%7C0%7C637231027264325553&sdata=kRCOZ0VLJO82rHHsLAcNsSqKH%2FuuK3PbUxKUv%2Fzc3q4%3D&reserved=0) - MEI * Numberphile videos on YouTube [https://www.youtube.com/user/numberphile/videos](https://eur01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.youtube.com%2Fuser%2Fnumberphile%2Fvideos&data=02%7C01%7Ct.gunduz%40ctksfc.ac.uk%7C2412cf33cfad49a2f3f108d7e63e3b32%7C6734f3ea16d4432794153e71b558fec6%7C0%7C0%7C637231027264335547&sdata=axw1PRWck8DqGZHujsPKUIOZ93fHDvlAc6aifqc5QLU%3D&reserved=0) |
| **Recommended trips or visits this Summer** | |
| If you are able to this summer, a trip to Bletchley Park is fantastic - <https://bletchleypark.org.uk/> | |
| **Tasks to Complete** | |
| * Bridging activities to prepare for A Level Maths <https://huddnewcoll.ac.uk/files/Admissions/BridgingActivities/Bridging_Activity_Mathematics_2017.pdf> * Transition tasks <https://www.fortismere.haringey.sch.uk/_site/data/files/sixth%20form/bridging%20activities/9701EFA84CD37EE3CF0C2892552289B9.pdf> * Kindle Free Edition of CGP New Head Start to A Level Maths <https://www.amazon.co.uk/New-Head-Start-Level-Maths-ebook/dp/B06XD29GX2/ref=sr_1_1_twi_kin_1?s=books&ie=UTF8&qid=1490018045&sr=8-1&keywords=B06XD29GX2> * Using the 'Guest Access' link, you can access the AMSP resources for free at <https://amsp.org.uk/resource/students-fmsp-legacy-resources-archive> * Home Learning Year 11 to A level bridging pack by OUP <http://fdslive.oup.com/www.oup.com/oxed/secondary/maths/HomeLearning-Pack_A-Level-Bridging_Algebra_Contents-page.pdf?region=uk> * Transition resources by CIMT ([http://www.cimt.org.uk/projects/mepres/step-up/index.htm](https://eur01.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.cimt.org.uk%2Fprojects%2Fmepres%2Fstep-up%2Findex.htm&data=02%7C01%7Ct.gunduz%40ctksfc.ac.uk%7C2412cf33cfad49a2f3f108d7e63e3b32%7C6734f3ea16d4432794153e71b558fec6%7C0%7C0%7C637231027264315554&sdata=c9ZhC1Y9bYOP4MEWwUNQiiV%2F0oWn5S%2F3m1LIQL22Bzk%3D&reserved=0)) * Mathedup ([https://www.mathedup.co.uk/transition-takeaway/](https://eur01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.mathedup.co.uk%2Ftransition-takeaway%2F&data=02%7C01%7Ct.gunduz%40ctksfc.ac.uk%7C2412cf33cfad49a2f3f108d7e63e3b32%7C6734f3ea16d4432794153e71b558fec6%7C0%7C0%7C637231027264325553&sdata=a90CPafOIYxSiYQz32uVEvO1ZiBFfm5p4R2BpkmITto%3D&reserved=0)) * Summer Start for A level Maths - [https://primrosekitten.org/courses/further-maths/](https://eur01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fprimrosekitten.org%2Fcourses%2Ffurther-maths%2F&data=02%7C01%7Ct.gunduz%40ctksfc.ac.uk%7C2412cf33cfad49a2f3f108d7e63e3b32%7C6734f3ea16d4432794153e71b558fec6%7C0%7C0%7C637231027264325553&sdata=WAHkeeAfucqGmbgaY34XSJXRbDRSn%2Bq04voDxjesX3U%3D&reserved=0) - get 50% off with code COVID19 | |