

Level 3 Core Maths: Mathematics in Context

Part A - Bridging Work Task

This is a fantastic opportunity to expand your understanding of **Core Maths** as you prepare for enrolment and start at Franklin in September.

Please complete the work and bring a copy to your enrolment, either printed or electronically.

The work will take you around **2 hours** so plan your time to best suit you.

| | |
|---|---|
| How do I complete and submit my task? | <p>Complete the tasks on paper/handwritten or digitally, and bring a copy, either paper or electronically, to your enrolment appointment. Also, bring this along to your first lesson in September.</p> <p>If you didn't attend the Taster Day, don't worry. It isn't essential for completing this work, but please ensure that you have completed this bridging work.</p> |
| Introduction to your Bridging Task | <p>The focus of this bridging work is an introduction to the application of statistics. This work will introduce you to key ideas such as different types of data and how to represent information using histograms.</p> <p>Developing an understanding of how data is collected, classified, and displayed is an essential foundation for Core Maths. These skills will help you interpret real-world information, spot patterns, and communicate findings clearly; abilities that are central to the course.</p> <p>By completing this task, you will build confidence in reading and analysing data, which will support your learning from the very start of the course and enable you to engage more effectively with topics such as data analysis, probability, and decision-making.</p> |
| Task details | <p>This task is split into two parts. Each part comes with a video and follow up questions.</p> <p>You are expected to:</p> <ul style="list-style-type: none">- Make notes on the videos handwritten or digitally. These notes will be required on your first lesson.- Complete the questions which follow the video tutorials to put your learning into practice. |
| Resources to help you with the Bridging Task | <p>Video links and tasks can be found on the documents attached.</p> <p>Lesson 1: Populations and Types of Data</p> <p>Lesson 2: Histograms</p> |

| Extension Tasks | |
|---|---|
| Extension Tasks to stretch and challenge you | <p>If you have completed the above to the best of your ability, feel free to try the extension task (<i>this is optional</i>):</p> <ol style="list-style-type: none"> 1. Go to the following link Core Maths - Basics and make notes on the videos which have been shared. |
| Massive Open Online Courses (MOOCs) | |

Level 3 Core Maths: Mathematics in Context

Part B – Preparing for Studying at Franklin

A fantastic opportunity to widen your understanding of the course.

| | |
|--|---|
| Examining Board and Specification | <p>This course follows Edexcel Mathematics in Context specification.</p> <p>The full specification can be found here: Mathematics in Context Specification</p> <p>The content areas covered in this qualification will allow you to:</p> <ul style="list-style-type: none"> - Work confidently with data: including collecting, analysing and presenting information. - Explore risk and probability in real-world situations, - Investigate trends in statistics - Use exponential functions to model growth and decay, such as population change or financial scenarios. <p>Progression after this course:</p> <p>Core Maths is for students who need to be equipped for the mathematical and quantitative demands of other courses and employment, but it is also particularly relevant for those who need these skills to meet the demands of a range of courses in higher education.</p> |
|--|---|

| | |
|---------------------------------|---|
| | <p>Over 40 universities have made a statement in support, and it was publicly endorsed by the Russell Group of research-intensive universities. King's College, University of London "recognise that Core Maths qualifications have the potential to develop a level of mathematical skill that would be beneficial for studying many of our undergraduate programme".</p> <p>It is designed to be studied alongside three other A Level or vocational subjects, particularly those that include mathematical, statistical or problem-solving elements, such as Biology, Chemistry, Business, Economics, or Psychology, where strong maths skills will support your learning.</p> |
| Preparing for the course | <p>As well as completing the bridging work on the Core Maths topic, statistical applications, you may wish to get yourself ahead with some other content. There are many excellent YouTube channels and websites out there, however we recommend</p> <p>YouTube: Core Maths</p> |