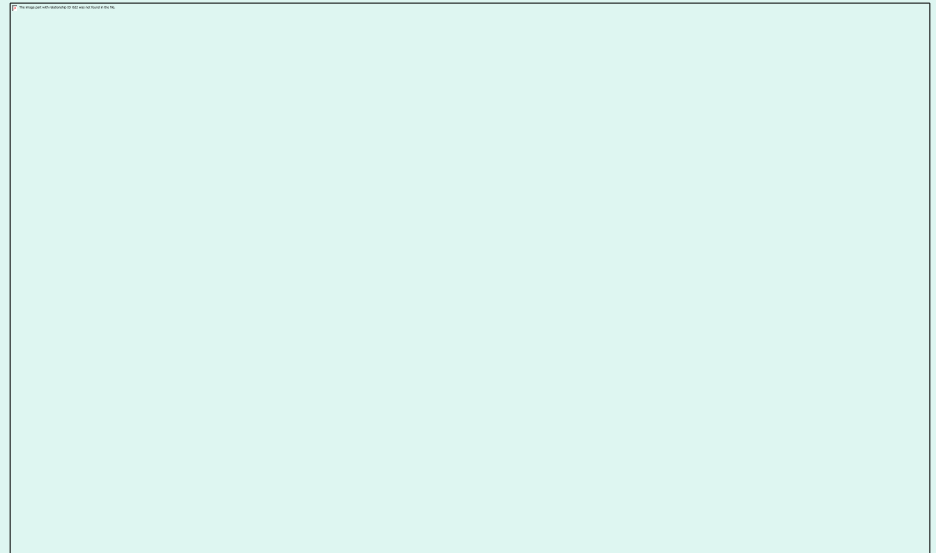
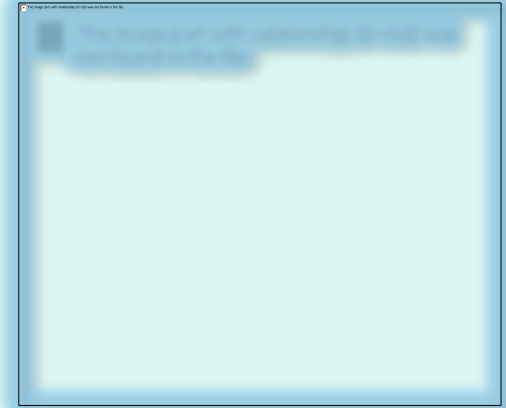


Studying Maths beyond GCSE

Should I?



Why Study Maths?



- **Employability**

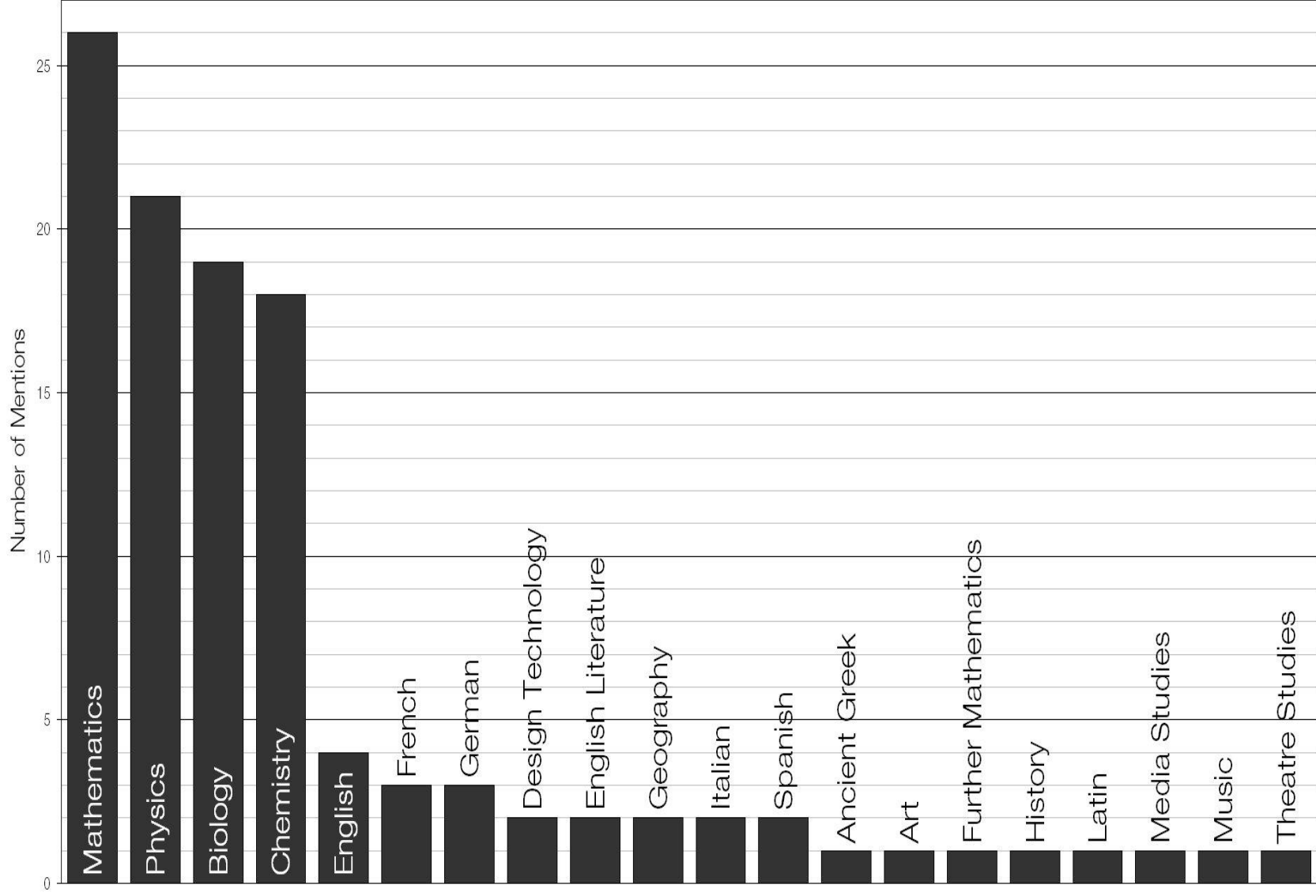
- Mathematics A level students and graduates are in high demand by employers.
- Maths is the essential transferable component across all science, engineering and technology.
- Currently 59% of employers state they are having difficulty recruiting people with Mathematics skills.

Why Study Maths?

- Develops Transferable skills
 - *Analytical Skills* – clear thinking, attention to detail, ability to follow complex reasoning, ability to understand and construct logical arguments.
 - *Communication skills* – ability to answer questions clearly and to communicate an argument precisely and logically, both orally and in written form.
 - *Investigative Skills* – knowing where and how to find information.

Why Study Maths?

- Develops Transferable skills
 - *Learning Skills* – ability to understand difficult concepts and apply them to a problem.
 - *Problem Solving Skills* – being able to present a solution clearly, take a flexible approach, tackle a problem with confidence and appreciate when to seek help.
 - *Self management* – thorough approaches to work, time management, ability to work independently, determination.
- These are all skills that employers are looking for and which help when you are applying for jobs and are filling in the personal statement on your UCAS form



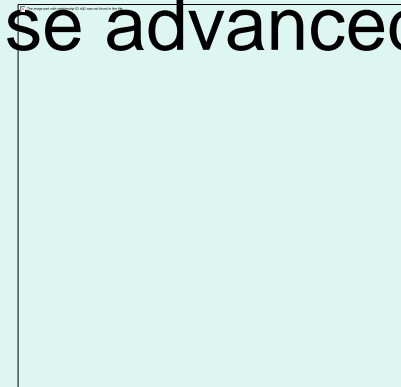
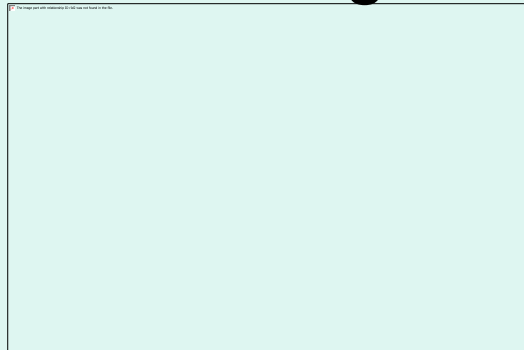
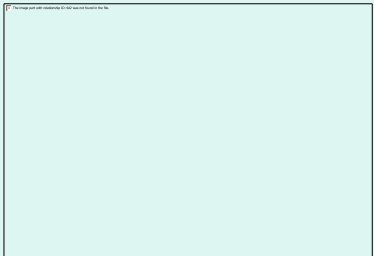
Why Study Maths?

- Money
 - Those with **Maths A level** earn on average around 10% more than those without.
 - The average graduate starting salary is **£17 715**. However, the average starting salary for a maths graduate is **£19 342**.

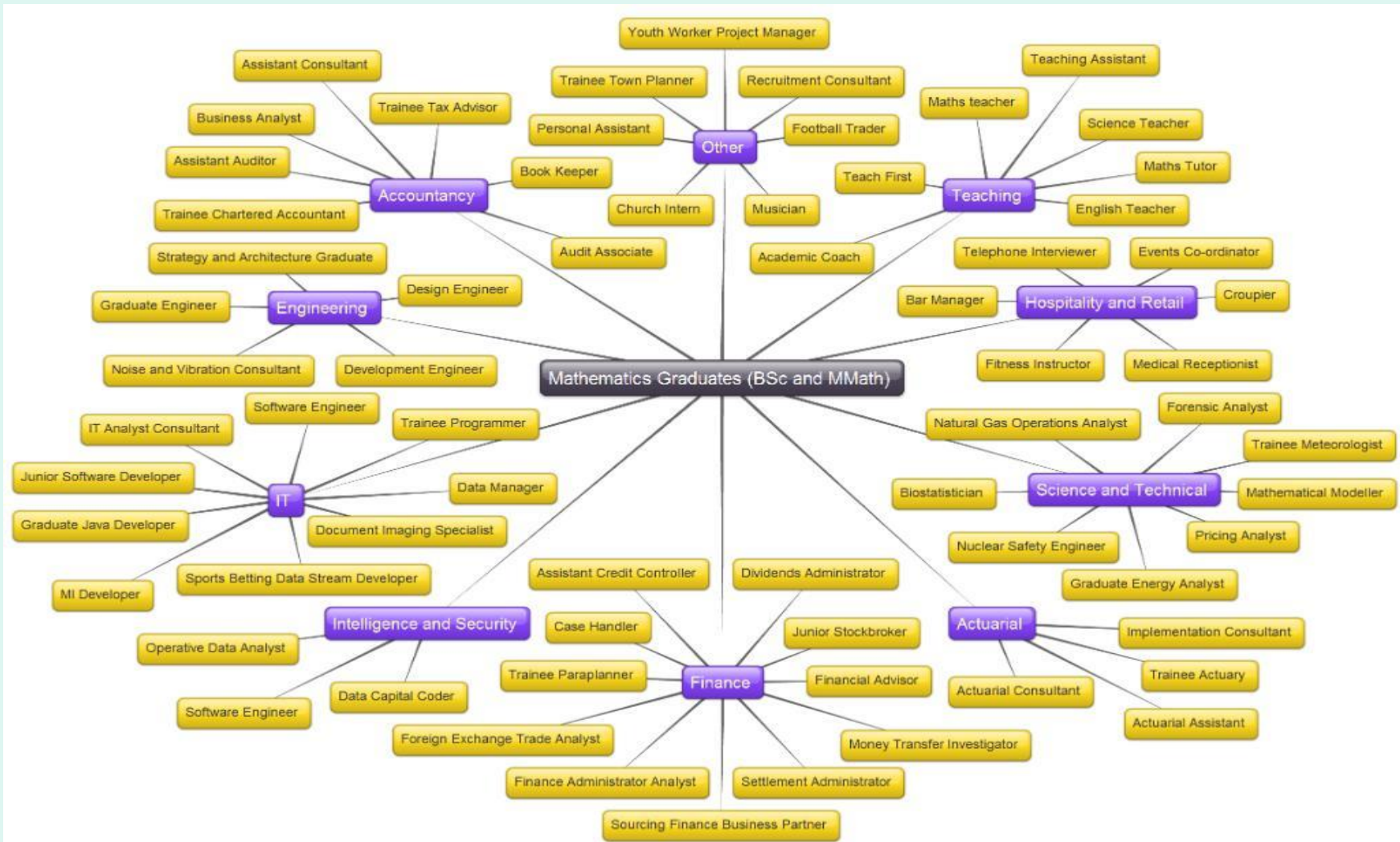


Why Study Maths?

- It's required (in some cases). It's helpful in others!
 - Having A level Maths would help if you wish to study : Maths, Statistics, Physics, Computer Science, Engineering or Accountancy at University.
 - Geography, Psychology, Biology, Medicine and Sports Science degrees all use advanced maths skills



Possible career options?



For more information:

- www.mathscareers.org.uk
- www.furthermaths.org.uk/universities.php
- <http://www.russellgroup.ac.uk/informed-choices>
- <http://www.qub.ac.uk/sites/STEM/MathematicsAdvice/WherecanMathstake-me/>

