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International Foundation- Mathematics:



As the International Foundation is a pathway onto University in the United Kingdom, it is important that you find and use quality resources efficiently and effectively. **This will be expected of you as part of your studies.**

Electronic Sources

E-Books

Electronic books covering key topics in mathematics are available and you can use these both at INTO Manchester or at home. As well as searching for a full book, you can also search across **ALL** the pages in available books, all at the same time, for the topic you are interested in. Electronic books are available via **Ebook Central** and **Ebsco Discovery** which you find at **<http://intolearningcentre.co.uk/online-resources/>**

Always ask
for help if
you are
stuck!

To log into these sources, you need your **OpenAthens** password. **You need to COME INTO THE LEARNING CENTRE** to fill in a form for this password. *It is important that you do this as soon as possible.*

There is a separate leaflet on how to use **E-Books** (Simple Guides 17/18)

Academic Articles

EBSCO Discovery Provides a quick and easy way to search nearly 7,000 academic journals as well as electronic books on mathematics. You can access the databases from INTO Manchester or at home. It is available via

<http://intolearningcentre.co.uk/online-resources/> Log in with your **OpenAthens** password. If you do not have a password, please ask the Learning Centre staff.

The Learning Resource Centre has 2 detailed guides on how to use Ebsco Discovery. Please ask the staff.

Books

Your teacher will recommend key texts that you should read as part of your studies: most of these should be available in the Learning Centre. To find both paper and electronic books you need to search using the Library Catalogue. The catalogue is available via the Learning Centre website at <https://intolearningcentre.co.uk/> The Library Catalogue gives you the “Dewey number” of the book. This will help you find it on the shelf as all books in the Learning Centre are organised in Dewey number order

The Dewey number for Mathematics is **510** and for Statistics is **519**

Details of how to use the catalogue efficiently are available in **Guide 4 Finding a Book in the Learning Centre**

Use Moodle

Your tutors will have put valuable material on Moodle, the Virtual Learning Environment. **It is important that you log in and gain access to the mathematics area of Moodle.** This is available via the Learning Centre website at <http://intolearningcentre.co.uk/> **Select Moodle.**

Useful Websites

The internet is full of information resources for you to use for your studies. However, it is **VERY** important that you use information from reputable sources only. *Anyone can (and many do!)* set up a website just to fool people/promote their own point of view, so you need to be careful about which sources you use.

At International Foundation level you should **NOT** be relying on Wikipedia for all your information – this is frowned upon at University so get into good habits here at INTO Manchester!

The following websites are from bona fide (reputable) sources with the source clearly described:

Useful Websites: Mathematics

- **ExamSolutions**

Provides videos of worked mathematical solutions

Website: <http://www.examsolutions.net>

Khan Academy Offers free online courses often with practice exercises and instructional videos on a wide range of topics including mathematics. You need to register but this is free

Website: <https://www.khanacademy.org>

Desmos

Offers a range of calculator functions to help understand graph functions, plot tables of data, and evaluate equations

Website: <https://www.desmos.com>

GeoGebra

Mathematics software for all levels of education that brings together geometry, algebra, spreadsheets, graphing, statistics and calculus in one easy-to-use package.

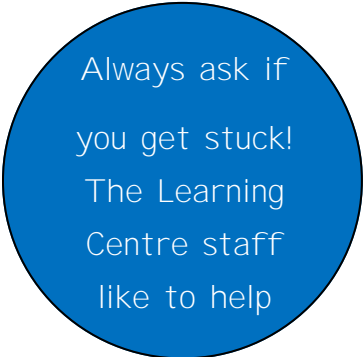
<https://www.geogebra.org>

Mymaths

Online mathematics courses with follow up exercises. Covers cover mathematical concepts and great place to start. **Please**

ask your teacher for the password

Website: <https://www.mymaths.co.uk/>



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