

Mathematics: finding information



INTO MANCHESTER

When you are doing your coursework at INTO Manchester, you should make use of **QUALITY** resources efficiently and effectively. This will be expected of you as part of your studies.

This handout will help!

If you are struggling to find what you need - ask the Learning Centre staff. They like to help!

Learning Centre Guide 32

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Online Resources

The Learning Centre has special databases to help you find **QUALITY** material - these databases are **NOT** available freely via the web

To log in to these databases from home, you need your OPEN ATHENS username and password. You need to COME INTO THE LEARNING CENTRE to get these.

Once you have your OpenAthens details, go to

<http://intolearningcentre.co.uk/online-resources/>

click on the **OpenAthens** logo



and log in

You can use the following databases from INTO Manchester or at home:

- **EBSCO Discovery**

For more in-depth research; search over 7,000 academic and business journals Details on how to use in **Guide 7a and 7b: using the Ebsco Databases**

You need your OPEN ATHENS password to use the INTO Manchester databases from home. If you do not have one, ask the Learning Centre staff

- **Electronic/ E-Books**

Electronic books cover key topics - you can use these at INTO Manchester or at home. Search for a full book or 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 via **Ebsco Discovery There are separate leaflets on how to use E-Books (Simple Guides 17/18)**

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 teachers will put valuable material on Moodle, the Virtual Learning Environment, also called MyINTO. **It is important that you log in and use Moodle/ MyINTO.**

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. ***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 internet sources you use.***

Use search engines such as **Google Scholar** rather than Google itself so you know you will find some “scholarly”/ academic literature.

Google Scholar is available at: <http://scholar.google.co.uk/>

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.

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

- **Mathematical Association**

Promoting the very best in learning and teaching mathematics; has a post-16 area with links to revision resources.

<https://www.m-a.org.uk/post-16-resources>

- **Mymaths**

Online mathematics courses with follow up exercises. Covers core mathematical concepts and a great place to start. **Please ask your maths teacher for the password**

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

