

## READING LIST – MATHEMATICS

During the course you will be referred to many texts, both mathematics education and school textbooks. We would advise not to buy any school textbooks until you have studied some of them on the course and are able to make a more informed choice. You may, however, find it useful to start reading some textbooks in bookshops or your local library.

The following is an ideal reference book for secondary mathematics teaching:

- Chambers, P. and Timlin, R. (2019) *Teaching Mathematics in the Secondary School* (3rd edition). Sage

Other books to access:

- Johnston-Wilder, S. and Lee, C. and Pimm, D. (2017) *Learning to Teach Mathematics in the Secondary School: A companion to school experience* (4<sup>th</sup> edition). Routledge
- Boaler, J. (2015) *The Elephant in the Classroom: Helping Children Learn and Love Maths*

### **Books and other resources to help you with subject knowledge:**

You will need to enhance your subject knowledge for KS3 and 4 Mathematics.

[CGP Revision guides](#) provide you with an overview and are very reasonably priced.

In addition to this, we would recommend familiarising yourself with examination board specifications and some some past examination papers, for example at:

- [Edexcel GCSE Maths](#)
- [AQA GCSE Maths](#)

### **Mathematics Education website to explore:**

- [National Curriculum](#)
- [NRICH Mathematics](#)
- [NCETM](#)
- [Centre for Innovation in Mathematics Education](#)
- [The United Kingdom Mathematics Trust](#)