Essential Reading


Other recommended reading (The ones in bold are highly recommended)

Association of Teachers (1994) *Teaching and Learning Mathematics* ATM


Association of Teachers (2000) *Eight Days a Week* ATM

Association of Teachers (2002) *30 Years On……….* ATM


Hansen (2011) *Childrens Errors in Mathematics*


The Mathematics Association


5.2 Other important reading

The Times Educational Supplement
Every Friday. It also has a mathematics extra/update three times per year.

The Guardian
Contains an Education Supplement every Tuesday.

Mathematics Teaching
ATM publication containing articles about mathematical research activities, resource ideas, evaluations of recent initiatives and reviews of recent publications above: **essential reading.**

Mathematics in Schools
MA Publication covering similar ground to above: **essential reading.**

Micromath
MA publication containing articles about research and classroom practice relating to ICT in Mathematics classrooms: **essential reading.**

- *The above are published 3-5 times a year and are available by subscription to the Mathematics Association or the Association of Mathematics Teachers.*

5.3 Useful internet sites

Useful Government and General Teaching Sites

BECTa Teaching and Learning (now archived)
Case studies and web sites of ICT in education
http://www.education.gov.uk/aboutdfe/armslengthbodies/a00192537/becta
National Curriculum Site
Providing teachers with useful tools, which aid delivery of the revised National Curriculum for schools in England.
http://www.education.gov.uk/schools/teachingandlearning/curriculum/secondary/b00199003/mathematics

Ofsted
Information on the organisation, inspection process, complaints, announcements and events.
www.ofsted.gov.uk

Secondary School performance tables
These tables together cover all secondary schools in England. Each contains a wealth of information – on GCSE and GCS A/AS level examination results, on achievements in a number of specified vocational qualifications, and on levels of pupil absence from school. You will be able to find out more about a particular school by asking to see a copy of its prospectus. Every entry in the tables includes the school’s address and telephone number.
http://www.education.gov.uk/schools/performance/

The National College of Teaching and Leadership (formerly known as The Teaching Agency)
This gives all details about teacher training in this country. The website includes downloadable versions of the QTS standards and excellent details and examples about the skills tests. You can book your skills test from here.
http://www.education.gov.uk/getintoteaching?&gclid=CIHky6GS3bACFUcKfAodvwzN2Q

Times Educational Supplement
Search the electronic version of the TES for articles of your choice. Read about the latest educational initiatives, surveys and reports without having to make the trip to your newsagent.
www.tes.co.uk

TeacherLine
This is a free confidential, 24-hour support and advice service especially for teachers.
www.teacherline.org.uk

Examination Boards

Assessment and Qualifications Alliance (AQA)
AQA Examination Board
Information about AQA’s qualifications and examination administration.
www.aqa.org.uk
Edexcel
An examination and awarding body who provide a wide range of qualifications.
www.edexcel.org.uk

Oxford Cambridge and RSA Examinations (OCR)
Information on the range of qualifications provided by the OCR.

Useful Mathematics Resource Sites

There are huge numbers of resource sites out there on the web and it can be bewildering and time-consuming to search through them all. Here are a few of my favourites to get you started but your list might be very different!

Association of Mathematics Teachers
The second main professional association which serves all teachers of mathematics in secondary schools, primary schools, FE and beyond. This Web site gives full details of ATM’s publications, its activities, and its philosophy. It also provides information about the journals and about membership.
http://www.atm.org.uk

Census at School
One of my all time favourite sites – this is a huge database of international information about pupils in several countries. The best thing about it is its accessibility – great form homework, statistics lessons or just interest!
www.censusatschool.ntu.ac.uk

Centre for Innovation in Mathematics Teaching
Based at Exeter University CIMT has a site full of lots of resources including games, puzzles and challenging investigations.
http://www.cimt.plymouth.ac.uk/

Coolmath.com
An amusement part for mathematics and more – American, but fun.
www.Coolmath.com

GCSE BBC Bitesize
A great site to direct your students to for revision and to use yourself if you need to brush up on aspects of your subject knowledge.
http://www.bbc.co.uk/schools/gcsebitesize/maths/

National STEM Centre
A huge collection of mathematics resources and websites from over the years.
http://www.nationalstemcentre.org.uk/elibrary/maths/

NRICH
The NRICH project aims to enrich the mathematical experiences of all learners. Here you will find a collection of rich mathematical problem solving activities, suitable for all key stages.

http://nrich.maths.org/public/