

### System requirements

You need a version of Microsoft Excel that supports web links, a reasonably up-to-date web browser and internet access from your computer, which can be a PC or a Mac.

### The e-resource finders on this CD-rom

These five e-resource finders are full, ready-to-use versions. Each of them is an Excel workbook containing active links to high quality web resources that fit well with the SMP Interact books. There is one e-resource finder for each series of books, named as follows (the filenames may be shortened by some computer systems).

Key stage 3

T(KS3suppt)e-res\_finder.xls for the T (support) series

S(KS3core)e-res\_finder.xls for the S (core) series

C(KS3ext)e-res\_finder.xls for the C (extension) series

GCSE

Foundatn\_e-res\_finder.xls for the Foundation series

Higher\_e-res\_finder.xls for the Higher series

In each Excel workbook there are three spreadsheets, one for each book in the series.

### How the e-resource finders work

Each spreadsheet follows the order of the chapters, with their numbers and names given in the first two columns (but for the year 7 books the first items to be referenced are ideas for lesson starters, described only in the corresponding published teacher's guides). In the column headed Reference there are active links to e-resources that can be used with the relevant chapter. When you click on one of these links your web browser takes you straight to the e-resource.

The column headed Sect. gives the chapter section that we think the e-resource is best suited to, while the column headed Comments briefly describes the e-resource and may contain hints on using it.

All the external links have been independently assessed by the SMP team to guarantee their educational quality and relevance to our published material. So you can avoid spending hours searching through digital resources which turn out to be uninspiring, use an approach you don't like or are at the wrong level for your students.

Even so, there is a great wealth of resources here – more than you will ever need for your lessons, leaving you to make some choices as you plan them, a process that becomes a pleasure with the e-resource finders by your side.

The e-resources come from three sites, indicated in the Source column: MM denotes a link to a mathematical puzzle, game or demonstration on the MyMaths site, FI denotes a link to a Java applet on the Freudenthal Institute's Wisweb site and SMP denotes a link to an Excel spreadsheet on the SMP's site. We are grateful to MyMaths and the Freudenthal Institute, University of Utrecht, for agreeing to links to their sites.

### Links to MyMaths

You will need a MyMaths subscription to use these activities. Before subscribing you can explore the site map at [www.mymaths.co.uk](http://www.mymaths.co.uk) to find out what's there. You can also test drive some samples.

For MyMaths e-resources, the blue wording for a link in the Reference column consists of the headings you would successively select in [www.mymaths.co.uk](http://www.mymaths.co.uk) to get to the e-resource (though you shouldn't have to do this; clicking on the link should take you straight there).

When you get to a MyMaths e-resource, you will often see an Index page, listing several numbered activities: look in the Activity column of the e-resource finder to see which of these activities we recommend you use.

If MyMaths asks for your login and password every time you click on a link, try setting your browser to remember passwords and to accept cookies and you may find you only have to confirm your details at the start of a session.

### Links to Freudenthal Institute applets

No subscription is needed to use these applets, which are a selection of those on the Freudenthal Institute's WisWeb site ([www.fi.uu.nl/wisweb/en](http://www.fi.uu.nl/wisweb/en)). These are mostly English translations of the original Dutch versions; in the few cases where traces of Dutch remain we explain what's meant in our Comments column.

The blue wording for a link is the name of a single applet.

If you only get a blank blue background when you click on a Freudenthal Institute link, you may find the applet comes to life when you adjust the size of the window.

### **Links to SMP spreadsheets**

These are Excel sheets that correspond to tables and spreadsheet activities in our own books. No subscription is needed.

When you click on the active link the spreadsheet should download from [www.smpmaths.org.uk](http://www.smpmaths.org.uk) and immediately open. If you are using Windows you may be asked for a password, in which case click Cancel, twice if necessary. The spreadsheet will be marked as read-only but you can Save-as on to your own system then you and your students can work on the saved version.

The blue wording for a link is the filename of a single spreadsheet. This doesn't look very user-friendly, but it does contain self-evident information about the book, page, chapter and section that the spreadsheet relates to. So when the file is moved somewhere else in your system it's clear what it is intended for.

The entry in the Activity column states what table or activity in the SMP books the spreadsheet represents.

### **Printing out the e-resource finders**

On a PC they should print out A4 portrait without you having to adjust the page set-up. On a Mac you will have to go into the page set-up and change the scaling from 70% to about 65% of normal size.

If you need a larger type size you could go into the page setup and change the orientation to landscape and the scaling to 100% on a PC and 90% on a Mac.

### **Making full use of the e-resource finders**

You should be able to copy parts of a finder and paste them into your scheme of work – whether it's been done in Excel or Word, or indeed in other formats – and find that the active links still work.

Your students can access the e-resources from home or independently from school computers (subject to a licence for MyMaths for access to its site) so the e-resources can be set as motivating homework that may generate positive interest from parents.

With the right IT skills you may be able to paste the active links from the e-resource finders into a web page that your students can access as a homework guide.

### **Feedback**

We depend for our effectiveness on receiving teachers' feedback on the resources we provide. Please send any comments on these e-resource finders or accounts of what happened when you used them in your school to [office@smpmaths.org.uk](mailto:office@smpmaths.org.uk)

### **Licence**

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### **Disclaimer**

While every effort has been made to ensure that the e-resource finders operate effectively when used with currently available hardware, software and internet processes, variations in the compatibility and capability of such hardware, software and processes (and of successive revisions thereto) are beyond the control of The School Mathematics Project. The links within this product depend for their operation on the structure, integrity and continued functioning of external websites which The School Mathematics Project does not control. For these reasons this product is supplied 'as is' without warranty.