



Software Licensing

IT's Personal



Maths Matters™

Maths Matters Lessons Suite

Key Stages 3 and 4

Maths Matters is a software package dedicated to whole-class teaching of mathematics for pupils aged 11-16 (up to the International GCSE level) that has acquired an enviable reputation, particularly among high-achieving schools. It has been purchased by leading independent schools, improving comprehensive schools, City Academies and grammar schools; schools with pupils that span the full range of ability levels. Maths Matters comprises a complete lessons suite, an Interactive Toolkit, libraries of starter questions, interactive tasks and videos, numerous utilities and a lesson plan for every lesson. Worksheets and Revision Cards are also available to accompany the lessons. Maths Matters brings interactivity and excitement to the classroom with animations, stunning images, excellent cross-curricular references and a huge bank of starter questions. Detailed explanations and working are provided at every step and the more complex calculations are shown on a model calculator. Users find Maths Matters has two dramatic effects; it makes for stimulating and interesting lessons and it reduces teachers' workload.

What makes Maths Matters exceptional? The first point you will notice is the sheer scale. It is truly enormous, greater in scope than any other software package available, containing the equivalent of over 12,000 PowerPoint slides in the lessons, integral interactive tasks, video introductions, Flash pop-ups to pursue pupils' responses; in all, more than 1.5 GB of material. It contains material for all



of the GCSE syllabus and quite a lot beyond, to stretch even very able pupils; the content for the higher ability levels is unrivalled. The content of Maths Matters is lesson-based (not simply topic-based). There are 370 3- and 4-part lessons in version 2.5 (almost 400 in version 3.0), including a large number of interactive tasks, all of which can be customised to your exact requirements. Maths Matters has been very carefully designed. Lessons are beautifully illustrated with original artwork. They have very specific objectives and are geared to a particular year group and a particular ability level within that year group. Successive examples show progression within each lesson and within each sequence of lessons and, similarly, there is progression from one year group to another, exactly as you would expect. Material for year-8 pupils, for example, is different from that for year-7 pupils, so there is no need for repetition.

Maths Matters is a complete application that auto-installs itself. Numerous utilities accompany the lessons suite including an excellent graphical calculator emulator which allows plotting and comparison of any functions in 2D or 3D, Cartesian or polar coordinates. For ease of use, lessons are delivered in PowerPoint so they can be used with just a computer and data projector (projecting onto an ordinary whiteboard) but contain video and sophisticated interactive programming (in Flash)



To Order

please fax a Purchase Order for attention of **Viglen Software Licensing Team** to **01727 201 812**

Viglen Limited, VHQ, 7 Handley Page Way, Old Parkbury Lane, Colney Street, St. Albans, Hertfordshire AL2 2DQ

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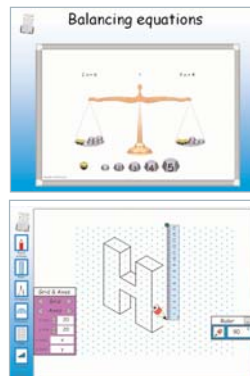
Maths Matters Lesson Suite

embedded in the slides, to make full use of the capabilities of interactive whiteboards if they are available. It also makes lessons easy to edit. Using the Lesson Designer, the contents of any lesson can easily and quickly be completely altered or rearranged: different starter questions, different examples, different interactive tasks can be selected from our libraries, or teachers' own material included, and the customised lessons stored.

Maths Matters is being continuously enhanced and developed and users are automatically issued with the latest version - so it is never out of date and always works with the latest versions of system software. The goal is a lesson in Maths Matters, at the appropriate level, for every entry in a schools' scheme of work. If you do not find exactly the material you need, A*Star Education promise to write it for you, within the price of the licence fee.

Interactive Toolkit

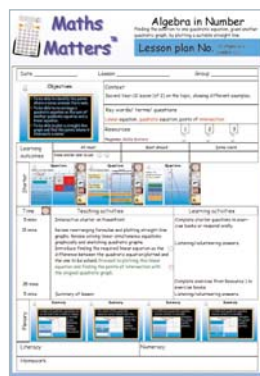
The superb interactive toolkit allows teachers to access tools for demonstrating accurate geometric construction, isometric drawing and graph plotting. Whilst capable of producing diagrams with great precision, this is a dedicated teaching tool. All of the virtual components emulate their real-life counterparts as closely as possible - the compasses extend along the ruler, just as pupils would expect.



Arcs are drawn by clicking on the pencil and rotating the compasses. Lines are ruled to the correct length by moving the pencil along the ruler. The adjustable set square can be used to show how the gradient of a straight-line graph is measured.

Lesson Plans

A detailed lesson plan is available for every lesson in the Maths Matters lessons suite, clearly showing the objectives and default starter and plenary.

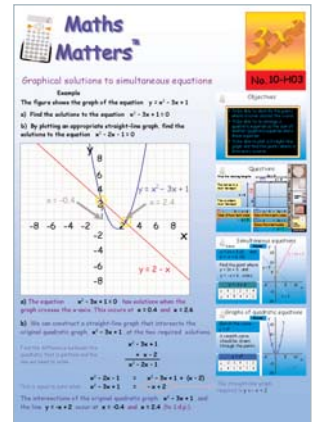


Supplied in PDF format on CD-ROM, they can be printed and any alterations and notes made. From version 3.0, Lesson Plans are completely integrated with the lessons suite so that editing a lesson automatically produces a corresponding change to the Lesson Plan.

Worksheets

Maths Matters worksheets are designed as support material for one-hour booster lessons to help students to attain their target level for each specific topic. Summary slides from the lessons suite are used to illustrate the method of solving problems and concepts are explained in detail with engaging diagrams, thorough explanations and clearly-worked examples.

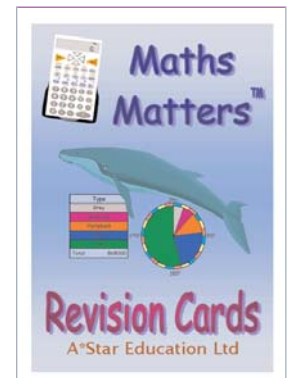
From version 3.0, worksheets are integrated into the lessons suite (eventually one per lesson).



Revision Cards

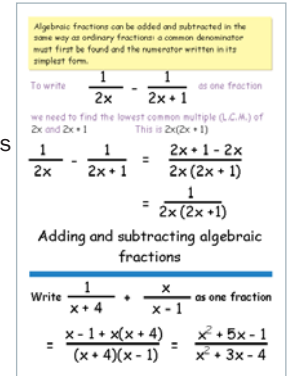
In the run up to SATs and GCSEs, Maths Matters Revision Cards are a very effective way to recap important topics, using images and examples to reinforce important concepts learned from the PowerPoint lessons.

Colourful and engaging, Maths Matters Revision Cards are an invaluable aid for the classroom and represent excellent value.



- ◆ Ideal for handing out to students to work either in pairs or in groups, as a starter or as a plenary
- ◆ Colour-coded for different ability groups
- ◆ SATs and GCSE cards available covering all levels:
 - KS3 - Levels 3-5, 4-6, 5-7 and 6-8
 - KS4 - Foundation and Higher
- ◆ 30 cards per set
- ◆ Memorable images and worked examples.

All cards are A6-sized laminated and supplied in a smart polypropylene box.



Viglen P/N	Description	Price (ex VAT)
WAPGDCXC	Maths Matters Unlimited School Site Licence	£3,750.00
WAPGDCXD	Maths Matters Annual Support Fee (including updates & technical support)	£275.00
WAPGDCXE	Maths Matters Teacher Personal Copy	£425.00
WAPGDCXF	Maths Matters Trainee Teacher Personal Copy (PGCE/Graduate Teacher)	£150.00

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