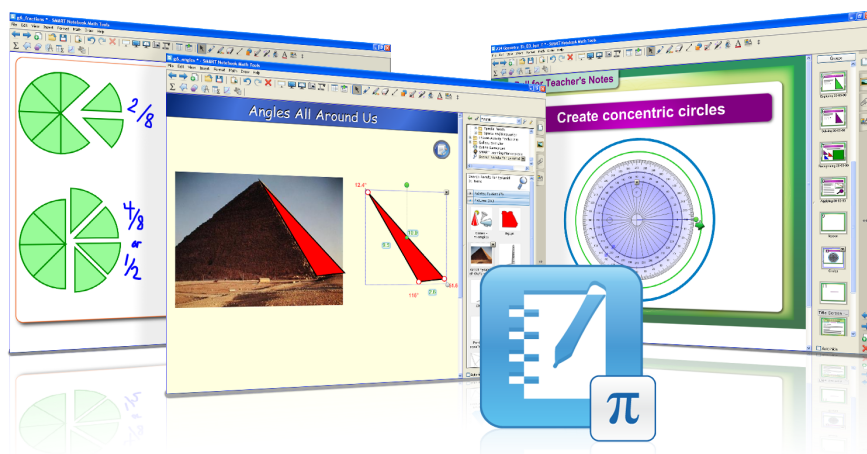




SMART Notebook Maths Tools

More tools for maths

SMART Notebook Maths Tools is an add-on to SMART Notebook, so teachers have access to a comprehensive set of maths-specific tools, in addition to all the great features and Gallery objects in SMART Notebook software.

Create, explore, evaluate and solve with SMART Notebook Maths Tools. As an add-on to award-winning SMART Notebook software, it combines all the tools that teachers need to teach maths in a single application.

One application for everything

With SMART Notebook Maths Tools, teachers no longer have to switch between multiple software applications to access the tools that they need to make maths engaging and understandable. It centralises teachers' essential maths tools into one location. The software's customizable toolbar is built into SMART Notebook software, so that it is quick and easy for teachers to access and incorporate dynamic tools into their maths lessons.

Lessons that measure up

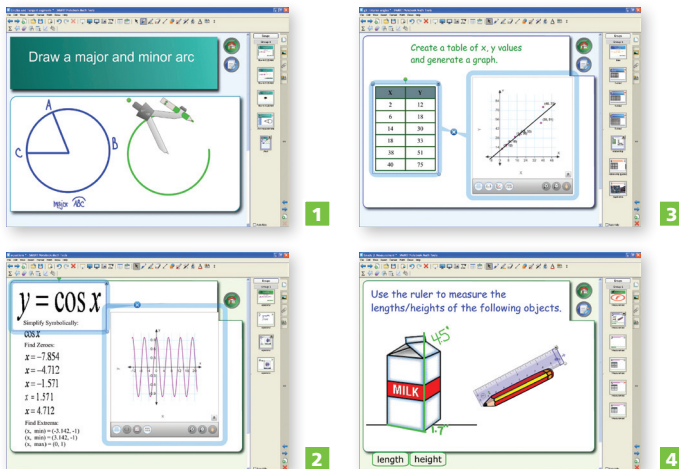
With this software, teachers have an easy way to demonstrate maths concepts visually, and make their lessons more interactive and easier to understand. SMART Notebook Maths Tools provides teachers with all the tools that they need to progress through an entire maths concept – from lesson preparation to creating graphs and solving complex equations.

The large selection of dynamic and intuitive tools includes an advanced equation editor, Texas Instruments™ emulator launcher, custom graph builder, shape divider, advanced measurement tools, and table and charting tools. Teachers can easily demonstrate changes and relationships in maths concepts using these flexible tools.

The software also offers handwriting recognition for mathematical equations. It means that teachers and students can simplify, solve handwritten equations and convert them to graphs, making SMART Notebook Maths Tools ideal for use on a SMART Board™ interactive whiteboard.

Support for all learning styles

This software enables teachers to represent concepts symbolically, numerically and visually. Its comprehensive set of maths tools improves engagement and retention for all students – no matter what their learning style. SMART Notebook Maths Tools is designed for secondary maths classrooms, but many of its tools are also ideal for primary maths lessons.



- 1 Create perfect arcs and circles using the advanced compass tool
- 2 Chart simple and complex equations with the software's interactive charting capabilities
- 3 Demonstrate relationships with the linkable table and charting tools
- 4 Make accurate measurements with flexible tools such as the advanced ruler

Key features

Add-on to SMART Notebook software

Access all the great features, tools and Gallery items in SMART Notebook software, as well as additional math-specific tools.

Advanced equation editor

Keep equations in the correct format. The advanced equation editor enables teachers to copy and paste equations or question sets from other software applications, such as Microsoft® Word, without reformatting. The software recognises the equations, allowing teachers and students to simplify, solve and turn them into graphs.

TI emulator integration*

Launch a TI emulator with one click in SMART Notebook Maths Tools. The TI calculator will stay on top of the screen as teachers copy expressions into their lessons.

Shape division

Show fractions visually using shape division. Divide shapes such as circles and rectangles into equal parts, and each part can be labelled as a fraction of the whole.

Shape manipulation

Adjust vertices of any shape and watch the angle and line lengths change instantly. Adjust one angle and the corresponding side lengths change automatically. The display of side lengths can be turned on or off.

* TI emulator not included.

Handwriting recognition and solving

Handwrite and solve questions on the fly. SMART Notebook Maths Tools recognises handwritten mathematical equations and symbols. After equations are recognised, teachers can simplify, solve and convert solutions into graph.

Table and graph tools

Easily show the relationship between tables of values and their points plotted on a graph. Changed values on a graph are automatically reflected in the table and vice versa.

Graph Wizard

Create graphs with the Graph Wizard or use one of the default graphs for fast instruction during a lesson.

Ruler

Make accurate measurements with the improved ruler. Resize it for the lesson, and then increase or decrease the length without losing scale. Use digital ink to trace along its edge, and get a perfect line every time. The ruler can be flipped for metric or imperial measurements.

Protractor

Use the protractor in 180 degree mode or expand it to 360 degrees. Use digital ink to trace along its edge to draw a perfect curve every time. Numbers on the protractor stay vertical as it is rotated, making them easy to read. The angle ejector allows teachers to set an angle on the protractor and instantly insert it into their lesson without having to draw it freehand.

Compass

Create arcs or circles easily with the new compass. The ink always matches the current pen or ink selection as teachers use the compass, and it can be adjusted to any size on-screen.

New and improved shapes

Discover shapes not previously available in SMART Notebook software, including perfect squares, semicircles, triangles, curved lines, polygons and irregular polygons.

Integrated maths engine

Evaluate simple and complex maths expressions right inside SMART Notebook software without requiring a separate calculator.

Customisable maths toolbar

Customise the default SMART Notebook toolbar to show only the tools teachers want to see or display a second toolbar with maths tools only.

System requirements

Windows® operating system

Pentium III 750 MHz processor • 512 MB recommended • 250 MB of free hard disk space for minimum installation (1 GB for full installation with Gallery collections) • Windows Vista® or Windows XP operating system • Internet Explorer Internet browser 6.0 or later • Adobe Flash player 8

Requirements for SMART Video Player

Pentium II 450 MHz processor (700 MHz or faster recommended) • Windows 2000 operating system or later • Microsoft DirectX application programming interface 8.1 or later

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