

Graphical Times.

Volume 11, Issue 43, 2012.



Welcome back to term 3! We hope you have had a restful break and are recharged for the winter term!

What's in here!

Included in this terms newsletter is:

Calculator activities for the Classpad 330+, graphic and scientific calculator:

- Worksheet for the Classpad 330+ and similar models: Compound, double angle formulas and more.
- Worksheet for the FX9750GII and similar models: FA-124USB cable between the PC and FX9750Gii.
- Worksheet for the FX82AU: Investigating months in the calendar.

Term 3, 2012 pricing, valid for term 3 or whilst stocks last.

N.B. The 2012 Graphic Technologies Catalogue is available on request.

Please email us: graph.tech@xtra.co.nz to receive your free copy.

Graphic Technologies Specials for Term 3.

See our **hot competitive pricing** valid until the end of September 2012.

[See the term 3 pricing sheet for more products.](#)

Product	# of Units	Price per unit (excl GST)
FX9750GII graphic calculator (monochrome) RRP \$132.95 Buy in multiples of 10 and receive a free FA-124USB cable [high-speed data communication between PC and the FX9750GII] Buy 10 get 1, but 20 get 2 ...	1 - 10	\$98.00
	11 - 19	\$96.00
	20 +	\$94.00
EA-200 Data Logger and EA- 2 Motion Sensor combined [Limited supply]	NA	\$600.00
FA-124USB cable [high-speed data communication between PC and the FX9750GII] New item	NA	\$15.00
FX82AU emulator software [Limited supply] New item	NA	\$60.00



The FX82AU+ and FX9750Gii emulator software are very useful tools in the classroom. Below is a link to download a free 90 day trial from Casio Education so that can see how great they are. Visit: https://edu.casio.com/freetrial/freetrial_form.php. See the attached flyer to this mailout.

Workshop opportunities.

Workshop opportunities: If you would like to have a workshop for teachers and or students then please make contact with **Graphic Technologies**. A large number of schools are taking up this opportunity either singularly or as a cluster of schools (with both the graphic calculator and the ClassPad330+), to look at how the graphic calculator and CAS could impact on and be integrated into classroom practice. With NZQA having acknowledged that year 12 & 13 students without a graphical calculator being disadvantaged, a large number of schools are taking up the opportunity to up skill teachers and students on this mathematics/statistics technology.



Websites of interest...

- Geometrical construction applets. <http://www.mathsisfun.com/geometry/constructions.html>

- Visual Inference Tools: VIT is a developing collection of software modules for use in teaching and learning experiences aimed at developing the core concepts of statistical inference. <http://www.stat.auckland.ac.nz/~wild/VIT/>
- The link might be good to have for extension. <http://www.cutoutfoldup.com/index.php>
- Have a look at this website (scroll your mouse to change the sizes/images). <http://htwins.net/scale2/>
- Active Math Java is Open Source and free for casual use. www.softway.org

Program to support the use of the FX9750Gii

In 2011 Casio Education NZ launched the 'Top Schools Program' to support schools using the new model of FX82AUpplus scientific calculator. Registration numbers and general feedback indicated that the resources provided were of great benefit, so Casio Education NZ is launching a similar program in 2012 to support schools currently using (or wanting to use) the FX9750Gii graphic calculator. Details were released i term 2, an information pack was sent in the post. The goal is to have all senior students in New Zealand using a graphics calculator so that no one is disadvantaged during NCEA examinations. Professional development courses will be offered in conjunction with Graphic Technologies supporting the program which looks to offer a sample calculator and comprehensive 'How to get started on your FX9750Gii' instructional manual. Details of the program can be uploaded from www.casio.edu.monacocorp.co.nz.

Worksheets downloaded off the web.

Visit Monaco Corporation and Graphic Technologies websites to view and download worksheets. There are links to other informative mathematics education websites too. For teachers we currently offer a large number of 'classroom ready' resources available and are designed primarily for the CASIO® FX82AU, FX9750Gii, FX9750G, FX9750G+, CFX9850GB, CFX9850GB+, CFX9850GC+, FX9750GA+ and FX9750Gii models of graphical calculators and the ALGEBRA 2.0. There is also a variety of activity sheets designed for the ClassPad300, 300+, 330A and 330A+ models. All of the activities and worksheets are designed for beginners to advanced users of the GC and CAS. More have been added to the website since the last newsletter.

Please visit: www.casio.edu.monacocorp.co.nz and <http://graphic-technologies.co.nz>.

Some features of the FX9750Gii explored



The FX9750Gii features a sharp, crisp display of the high-resolution LCD with enlarged dot-area, assuring larger and even sharper images of formulas, graphs and graphics. The clear, eye-friendly, large-sized 64×128 dot display improves the efficiency of studying.

The FX9750Gii employs a high-performance, high-speed CPU, giving the calculator an accelerated processing speed. The speed is up to five times faster than conventional models. Processing and plotting sophisticated calculations and graphics at high-speed greatly increases the efficiency of both operation and enhancing student learning.

High-speed FA-124USB Operations: The Program Link Software and cabling performs high-speed data communication between the PC and the FX9750Gii.

- Easy transfer of statistical data, programs, lists, matrices, equations and others from the calculator to your PC and vice versa
- Easy transfer the calculator screen images from the calculator to your PC for creating the activities.
- Conversion of spreadsheet data (CSV format) to a calculator-compatible format (LIST, MATRIX), and vice versa.

Requirements and specifications:



- Operating System Windows® 2000 Professional, Windows® XP Home Edition, Windows® XP Professional (32-bit), Windows Vista® (32-bit) 100MB for installation and uninstall
- USB port for direct connection. [Note: Do not connect via a USB hub.]
- Video adapter and display must support resolution of XGA (1024×768) or higher, 16 bit or higher system colour. Internet Explorer® 6.0 or later. CD-ROM drive. Adobe® Reader® 6.0 or later.

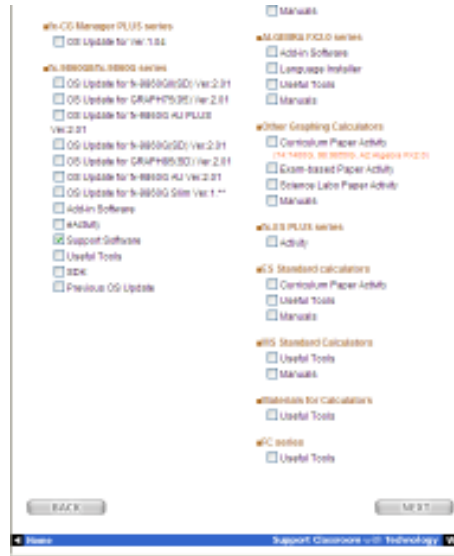
Download the free software from: http://edu.casio.com/products/all_soft/all_agreement.html using the following screen captures to assist you.



From the **Software License Agreement** page after reading the requirements of this License Agreement, click on **Accept**.



Home page



√ support software for the cfx-9860G



Select the download required



Click on **Download**.



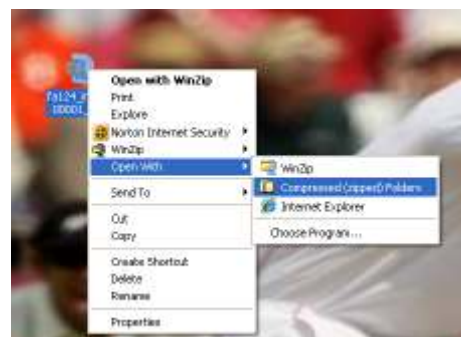
Save to your **Desktop**.



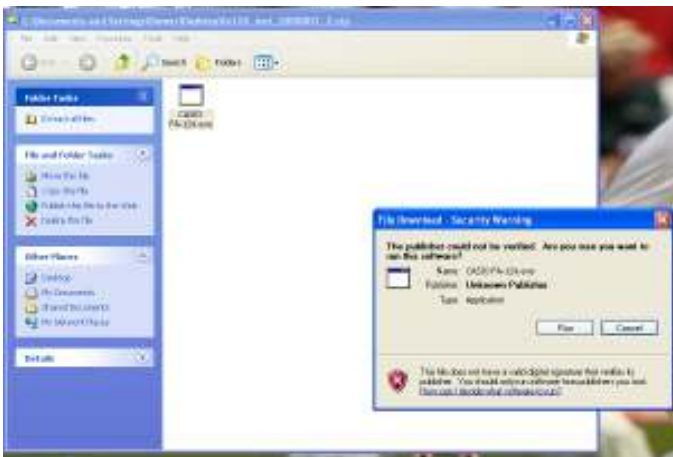
Downloading will take a few minutes.



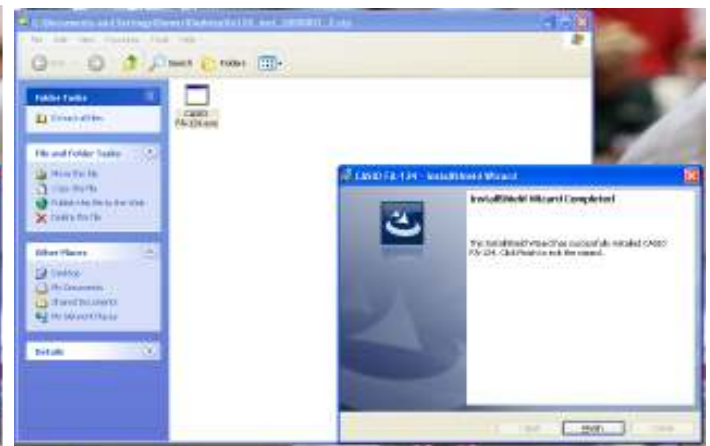
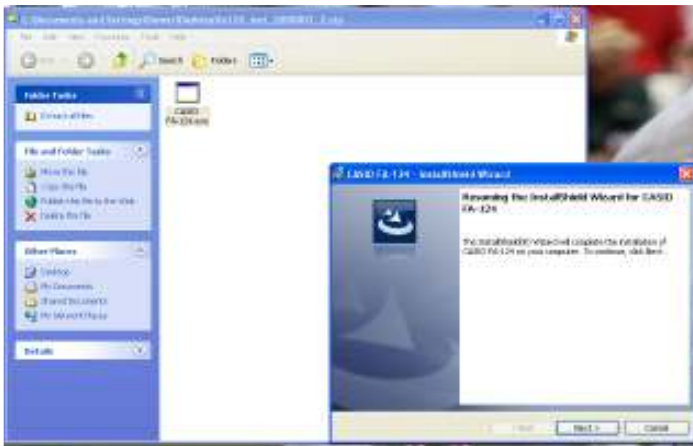
The **CASIO FA-124 compressed files** will appear on the Desktop.



Open these files to a folder on your computer.



Follow the in screen instructions.



A desktop icon for the CASIO FA-124 software will appear.

You can now delete the compressed files after installation is complete on your desktop.



A last word!

Well again, that's all I can fit onto the 4 pages! Enjoy the term! Hope to see you at some workshops or hear from you via this newsletter or otherwise! If you would like to contribute or have suggestions as to what you would like to have discussed via this medium, please do not hesitate to contact us either by snail - mail, email, website, telephone, text or fax.

Derek Smith
Graphic Technologies
 73 Viewmont Drive
 Lower Hutt 5010

Phone: (04) 569 1686 *Would you like to receive this mailout electronically?*
Fax: (04) 569 1687
Mobile: 027 460 2871 *Please email your request to: graph.tech@xtra.co.nz*
Website: <http://graphic-technologies.co.nz>

