

# SPRING TERM 2022

## Calculators for School Use

**OXFORD**  
EDUCATIONAL  
Supplies

**NEW ELECTRONIC  
CATALOGUE WITH FULLY  
INTERACTIVE ORDERING**



**CASIO**

**TEXAS  
INSTRUMENTS**

**AURORA  
SHARP**

Full ranges of calculators  
and software from all major  
manufacturers in stock for  
next-day delivery.

**DES  
213**

**READY FOR ACTION!**

Everything your pupils needs  
to be properly equipped for  
their maths lessons

**OXFORD ED GEOMETRY  
SETS and BAG O' BITS for  
exam use** Page 8

**Cases and screen  
protectors for graphics**  
Page 12

**LASER ENGRAVING!**



School or pupil names,  
department, serial numbers,  
anything can be engraved to  
suit your needs.

**From just £1!**

**GRAPHICS GALORE!**

Every exam approved for  
A level and IB exam use.  
See pages 11 - 16

VALID UNTIL 31st MARCH 2022



# The Casio ClassWiz range

The UK's most popular scientific calculators, preferred by over 80% of schools.

## CASIO fx-83GT-X and fx-85GT-X Solar

The nation's favourite! Casio scientific calculators are a proven aid to the teaching and learning of mathematics. A perfect match of functions to the current maths curriculums and ease of use, all at an affordable price, the GT-X range are the very best calculators you can offer your students.

Supported by SOFTWARE EMULATORS, that are now FREE OF CHARGE, GT-X will enhance teaching and learning of mathematics at all levels.

Clarity of display that matches text book representations



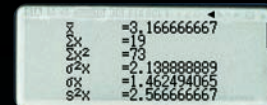
fx-83GT-X offers more choice of colour and style than other calculators



**IMPORTANT:** The default colour for us to ship is black. If you require blue and/or pink, please state clearly when ordering.

Functions unique to GT-X models include:

- Equivalent ratios
- Improved statistics – Quartiles
- Table of values for 2 functions rather than just a single function
- Statistics info now all shown on one screen



### CASIO DEPENDABILITY!

Despite global chip shortages, desperate shipping delays and massively increased costs, we can guarantee availability, 24 hours delivery and **NO PRICE RISES ON OUR CASIO RANGE!**

Form of entry familiar with all current and previous Casio calculators

## Free Emulator!

Network licences available now!  
Centrally installed with the number of simultaneous accesses you need (max 30 users).

FREE TO ALL UK SCHOOLS!

DOWNLOAD NOW AT <https://education.casio.co.uk/emulators-oes>



Perfect for use with Google Meets, Zoom and Microsoft Teams

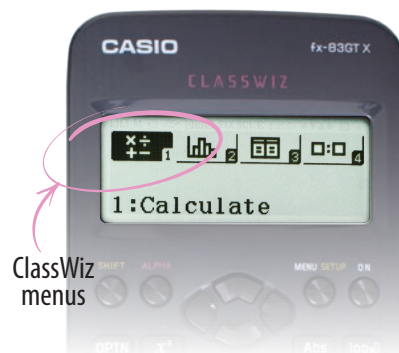
Key features of using an emulator are:

- Adjustable screen sizes. Ideal for visually impaired students.
- Record key strokes on the emulator as "Key-log records", go back and edit saved logs as required.
- Automatically playback saved Key-logs
- Copy and paste the screen and Key-logs into Word to help create worksheets
- Emulators are licensed per user per year. The software may be installed locally or on the server.



## Easy to Use

Using the ClassWiz technology, the fx-83GT-X and fx-85GT-X have an easy to navigate icon menu and display.



ClassWiz menus

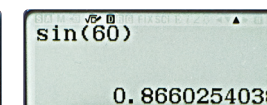
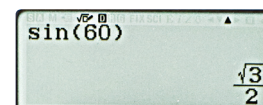
## Natural Display

The GT-X calculators have a much improved, high resolution screen, allowing Surds, fractions and recurring decimals to be shown in a natural, textbook style for easy interpretation.



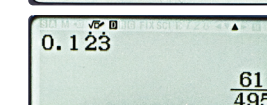
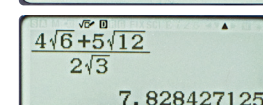
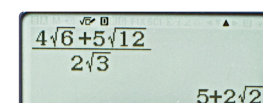
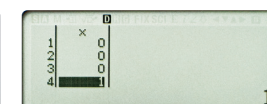
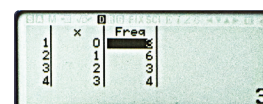
### Calculate

The fx-83GT-X and fx-85GT-X use the same Casio logic as all previous models. Calculations are entered in a logical manner, shown in textbook style with a clear, hi-res display.



### Statistics

Data are entered with or without a frequency table.



## Support

Casio are the only brand with a dedicated product division for calculator training and support within the UK.

**WE'RE HERE TO HELP!** Any questions, call **OXFORD EDUCATIONAL** on 01869 344500 or visit [education.casio.co.uk/products/gtx](https://education.casio.co.uk/products/gtx)

## CLASS SETS

Easy to store and to sanitise for future use, our Scientific Class Sets are the convenient way to buy calculators for exam or everyday use.

Engrave them to differentiate from pupil calculators at little extra cost. Supplied in Gratnells boxes with 'Secure Stack' inner with 30 slots and a lid, ready to use, as shown aside. No unpacking, no waste!

Engrave 4 lines of text on the back of each calculator in the set for just £20 +VAT SAVE £10



Model	Standard	Engraved	
CASIO fx-83GT-X class set of 30 with storage box. Black, pink and blue available. Please specify.	<b>£269.95</b> (£323.94) Order Code: FX-83GT-X-SET	<b>£289.95</b> (£347.94) Order Code: FX-83GT-X-SET-LASER4	<b>CLICK HERE TO BUY NOW</b>
CASIO fx-85GT-X class set of 30 with storage box	<b>£314.95</b> (£377.94) Order Code: FX-85GT-X-SET	<b>£334.95</b> (£401.94) Order Code: FX-85GT-X-SET-LASER4	<b>CLICK HERE TO BUY NOW</b>
CASIO fx-991EX class set of 30 with storage box	<b>£629.95</b> (£755.94) Order Code: FX-991EX-SET	<b>£649.95</b> (£779.94) Order Code: FX-991EX-SET-LASER4	<b>CLICK HERE TO BUY NOW</b>

CASIO fx-83GT-X (state colour when ordering)

Quantity 1-39 £8.95 (£10.74)	Qty 40-99 <b>£8.49</b> (£10.19)	Qty 100+ <b>£8.33</b> (£10.00)
------------------------------------	---------------------------------------	--------------------------------------

ORDER 28 FOR FREE DELIVERY  
**CLICK HERE TO BUY NOW**



### CALCULATOR HERITAGE POSTER

Free and without obligation, call 01869 344500 or email [info@oxford-educational.co.uk](mailto:info@oxford-educational.co.uk) for your copy

**OXFORD**  
EDUCATIONAL  
Established 1989

## CASIO fx-85GT-X Solar

All the functions of the fx-83GT-X with SOLAR power



Quantity 1-39 £10.49 (£12.59)	Qty 40-99 <b>£9.95</b> (£11.94)	Qty 100+ <b>£9.75</b> (£11.70)
-------------------------------------	---------------------------------------	--------------------------------------

ORDER 24 FOR FREE DELIVERY  
**CLICK HERE TO BUY NOW**

### CASIO DEPENDABILITY!

Despite global chip shortages, desperate shipping delays and massively increased costs, we can guarantee availability, 24 hours delivery and **NO PRICE RISES ON OUR CASIO RANGE!**



Effectively and quickly sanitise our heavy-duty plastic zip cases between use, exam packs are a safe and convenient way to ensure your pupils always have the right equipment for their classes. Each pack includes a calculator, geometry set in a tin and an exam approved pencil case, all packed in an A4 plastic project case.

## EXAM PACKS

Model	Order Code	Qty 1-29	Qty 30+	
CASIO fx-83GT-X pencil case and geometry set	FX-83GT-X-EP State colour when ordering	<b>£10.44</b> (£12.53)	<b>£9.84</b> (£11.81)	<b>CLICK HERE TO BUY NOW</b>
CASIO fx-85GT-X pencil case and geometry set	FX-85GT-X-EP	<b>£11.98</b> (£14.38)	<b>£11.30</b> (£13.56)	<b>CLICK HERE TO BUY NOW</b>
CASIO fx-991EX pencil case and geometry set	FX-991EX-EP	<b>£21.99</b> (£26.39)	<b>£20.85</b> (£25.02)	<b>CLICK HERE TO BUY NOW</b>





# CASIO fx-991EX

An excellent choice for A level maths studies with many of the advanced features of a graphical calculator at an affordable price.

Stunning design and a high-resolution screen delivers more information, all in text book form! The advanced features and ease of use will aid investigation and understanding by helping with complex calculations such as solutions to quadratic, cubic or quartic polynomial inequalities. To reinforce learning, everything is displayed exactly as written, even with correct inequality symbols!

- Simultaneous linear equations in 2-4 unknowns
- Matrices up to 4x4
- Probability distributions for normal, binomial and Poisson probability functions. Includes probability and cumulative probability distribution for all functions, and inverse normal distribution.
- 2nd–4th degree polynomials and inequalities
- Riemann integrals
- Enhanced Vector features offering the ability to show the angle between two vectors.
- Enhanced equation solver and a super-fast processor

With it's carbon fibre style case, metallic keys and advanced functions, the Casio fx-991EX is a pleasure to use and a joy to own!

Quantity 1–49  
**£20.50**  
(£24.60)

Quantity 50+  
**£19.50** (£23.40)

ORDER 13 FOR FREE DELIVERY  
**CLICK HERE TO BUY NOW**

Solve quadratic inequalities...  
even the tricky 2-branch solution

$$ax^2+bx+c > 0$$

$$1x^2+3x-2 > 0$$

$$x < a, b < x$$

$$x < -2, -1 < x$$

Find the max/min of a function

$$\text{Min of } y = ax^2 + bx + c$$

$$x = -\frac{b}{2a}$$

$$\text{Min of } y = ax^2 + bx + c$$

$$y = -\frac{1}{4}$$

Find the gradient using the  
numeric differentiation function

$$\frac{d}{dx}(x^3 - x)|_{x=2}$$

Check the modulus of a vector

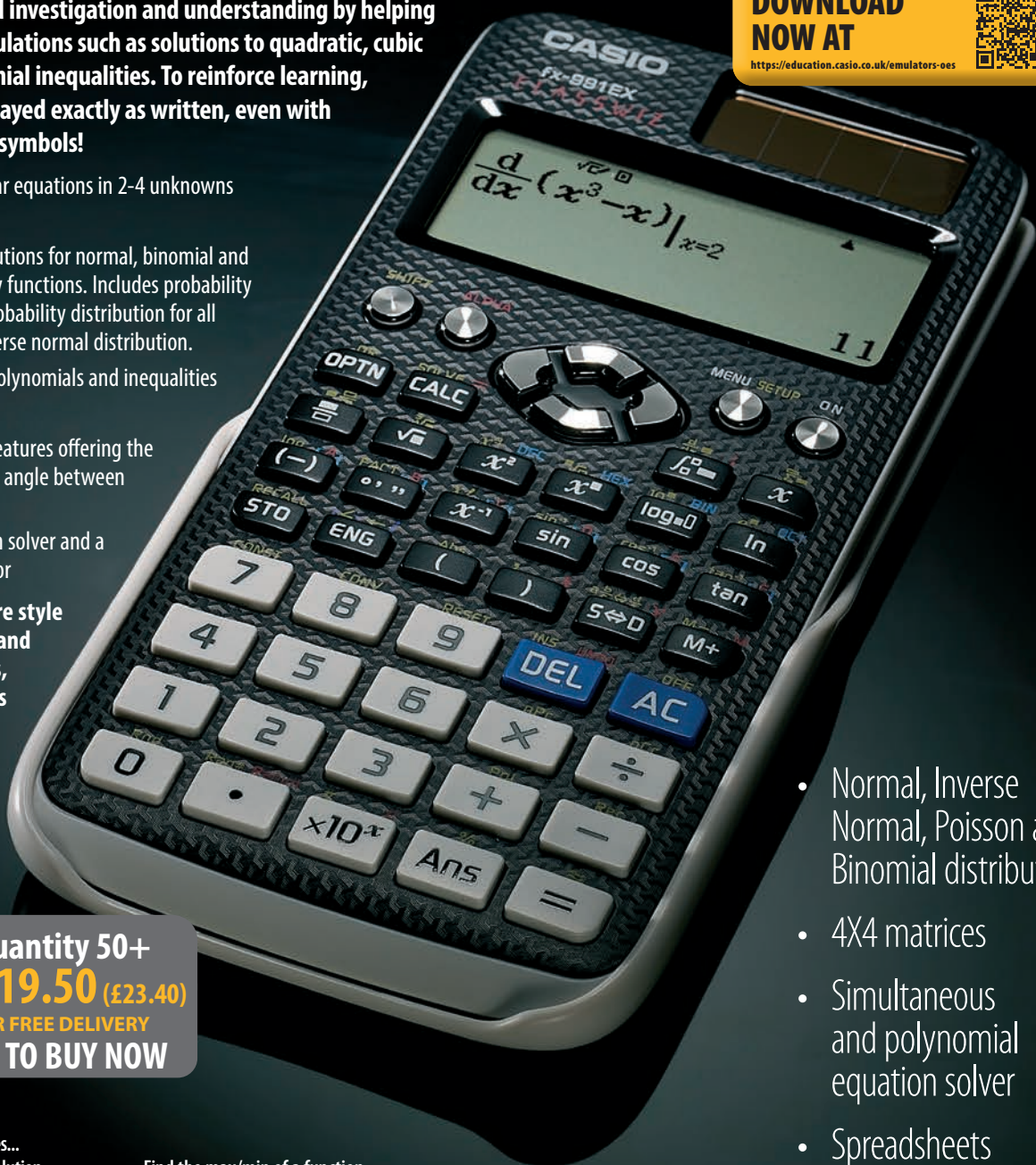
$$\text{Abs}(\text{VctA})$$

## Free Emulator!

Network licences available now!  
Centrally installed with the number of  
simultaneous accesses you need (max 30 users).  
FREE TO ALL UK SCHOOLS!

DOWNLOAD  
NOW AT

<https://education.casio.co.uk/emulators-oes>



- Normal, Inverse Normal, Poisson and Binomial distributions
- 4x4 matrices
- Simultaneous and polynomial equation solver
- Spreadsheets

## SCIENTIFIC CALCULATORS – PERFECT FOR TEACHING, PROVEN FOR LEARNING!

Prices in brackets include VAT.

**Oxford Geometry Set**  
See page 8  
From just £1.49 ea

### AURORA

#### AX-595TV

Displays expressions in a text book format, as written or viewed. Factorial, Permutations and combinations, random number generator, two-variable stats, function evaluation table and much more! LCM, GCD and quotient/remainder divisions. Robust design with hard keys and a slide on plastic case with a 3 year warranty.

State colour when ordering: Black or Pink.

Quantity 1–39  
**£7.85**  
(£9.42)

Qty 40–99  
**£7.49**  
(£8.99)

Qty 100+  
**£6.99**  
(£8.39)

ORDER 32 FOR FREE DELIVERY  
**CLICK HERE TO BUY NOW**

**FREE EMULATOR**  
for distance teaching.

[aurora-europe.co.uk/emulators.html](http://aurora-europe.co.uk/emulators.html)

All emulators compatible with Zoom, Teams and Google Meets



### SHARP

#### EL-W531TL WriteView

Replaces the EL-W531B to continue the tradition of reliability and functions ideally suited to GCSE studies. Show fractions, square roots, surds and logarithms to any base including base, powers, reciprocals, trigonometric ratios, hyperbolic functions, etc., just as they are written, in text book layout. Additionally there are powerful statistical analysis features, random number generator and the ability to work in different base number arithmetic.

Quantity 1–39  
**£7.10**  
(£8.52)

Qty 40–99  
**£6.85**  
(£8.22)

Qty 100+  
**£6.65**  
(£7.98)

ORDER 37 FOR FREE DELIVERY  
**CLICK HERE TO BUY NOW**

**FREE EMULATOR**  
for distance teaching.

[sharp-calculators.com/en/16/127/downloads/software](http://sharp-calculators.com/en/16/127/downloads/software)

All emulators compatible with Zoom, Teams and Google Meets



### SHARP

#### EL-531TH

The latest in a long and successful line of EL531 calculators. Replaces the previous models EL531W and EL531XB with identical functions and a more modern design. A calculator perfectly suited to GCSE maths studies and offering superb value for money!

One Price Any Qty  
**£4.75** (£5.70)

ORDER 57 FOR FREE DELIVERY  
**CLICK HERE TO BUY NOW**



### OXFORD

#### OES613

Features a two line display with recall and edit functionality and algebraically correct form of entry. A scrolling top line shows the complete expression whilst the solution is visible below. Functions include: Factorials, Permutations and combinations. Random number. Fractions. Polar/rectangular conversions. Stats with data editor. Two-variable regression analysis. Robust design with a hard, slide-on case.

**SPECIAL NOTE:** Due to delays in production in China we may need to substitute our OES613 with the Aurora AX582. Spec is identical and we will inform you before shipping.

Quantity 1–29  
**£4.19**  
(£5.03)

Qty 30+  
**£3.99** (£4.79)

ORDER 63 FOR FREE DELIVERY  
**CLICK HERE TO BUY NOW**



## Free emulators!

Available for most models shown, the software emulates the operation of the calculators so that a large, interactive image of the calculator can be projected onto your whiteboard. Saves time in explaining keystrokes and aids understanding by practical explanation on the calculator.

Key features of using an emulator are:

- Adjustable screen sizes. Ideal for visually impaired students.
- Record key strokes on the emulator as “Key-log records”, go back and edit saved logs as required.
- Automatically playback saved Key-logs
- Copy and paste the screen and Key-logs into Word to help create worksheets

DOWNLOAD NOW To download, go to the QR code/web address shown with the appropriate calculator.



Perfect for use with  
**Google Meets,**  
**Zoom** and  
**Msoft Teams**

## CLASS SETS

Easy to store and to sanitise for future use, our Scientific Class Sets are the convenient way to buy calculators for exam or everyday use.

Engrave them to differentiate from pupil calculators at little extra cost. Supplied in Grannells boxes with ‘Secure Stack’ inner with 30 slots and a lid, ready to use, as shown aside. No unpacking, no waste!

Engrave 4 lines  
of text on the back  
of each calculator  
in the set for  
just **£20** +VAT  
SAVE £10



## YEAR 7/EXAM PACKS

Effectively and quickly sanitise our heavy-duty plastic zip cases between use, this is a safe and convenient way to ensure your pupils always have the right equipment for their classes. Each pack includes a calculator, geometry set in a tin and an exam approved pencil case, all packed in an A4 plastic project case.

Heavy duty  
vinyl cases easy  
to sanitise for  
re-use in exams  
or classroom.



Model	Order Code	Qty 1–29	Qty 30+	
CASIO fx-83GTX pencil case and geometry set	FX-83GT-X-EP Available in black, blue and pink State colour when ordering	<b>£10.44</b> (£12.53)	<b>£9.84</b> (£11.81)	<b>CLICK HERE TO BUY NOW</b>
CASIO fx-85GTX pencil case and geometry set	FX-85GT-X-EP	<b>£11.98</b> (£14.38)	<b>£11.30</b> (£13.56)	<b>CLICK HERE TO BUY NOW</b>
CASIO fx-991EX pencil case and geometry set	FX-991EX-EP	<b>£21.99</b> (£26.39)	<b>£20.85</b> (£25.02)	<b>CLICK HERE TO BUY NOW</b>
AURORA AX-595TV pencil case and geometry set	AX-595TV-EP Available in black and pink State colour when ordering	<b>£9.35</b> (£11.22)	<b>£8.75</b> (£10.50)	<b>CLICK HERE TO BUY NOW</b>
OES613 pencil case and geometry set	OES613-EP	<b>£5.44</b> (£6.53)	<b>£4.99</b> (£5.99)	<b>CLICK HERE TO BUY NOW</b>
SHARP EL-W531TL pencil case and geometry set	EL-W531TL-EP	<b>£8.59</b> (£10.31)	<b>£7.99</b> (£9.58)	<b>CLICK HERE TO BUY NOW</b>
SHARP EL-531TH pencil case and geometry set	EL-531TH-EP	<b>£6.49</b> (£7.79)	<b>£6.20</b> (£7.44)	<b>CLICK HERE TO BUY NOW</b>





Quantity 1-99 **£1.75**  
(£2.10) | Quantity 100+ **£1.49** (£1.79)  
ORDER 168 FOR FREE DELIVERY  
[CLICK HERE TO BUY NOW](#)

**SPECIAL OFFER!**  
Just 74p each when purchased  
with any scientific calculator (1:1)

## GEOMETRY SETS

**The Oxford Educational Supplies Geometry Set in a tin:** Metal compass and dividers, 15cm rule, 180° protractor, 30° and 45° set squares, stencil, pencil, sharpener and rubber. All supplied in a robust tin.

**From 74p!**  
See above



Quantity 1-99 **£1.49**  
(£1.79) | Quantity 100+ **£1.35** (£1.62)  
ORDER 186 FOR FREE DELIVERY  
[CLICK HERE TO BUY NOW](#)

## BULK BUY PACKS

Item	Price
30 Bag o' Compasses with pencil	£9.95 (£11.94)
120 Bag o' Compasses with pencil	£34.95 (£41.94)
30 Bag o' Rules, 30cm	£6.95 (£8.34)
120 Bag o' Rules, 30cm	£19.95 (£23.94)

## BAG O' BITS!

A bag of mathematical bits! A transparent, exam approved pencil case containing compass, pencil, sharpener, eraser, 180° protractor, 30cm rule. Components are supplied in the case ready for distribution or exam use.

Order Code: OES-BAGOBITS

**SPECIAL OFFER!**  
Just 74p each when purchased  
with any scientific calculator (1:1)

**From 74p!**  
See above

**Special Price**  
Box of 120  
just **£135**  
(£162)



# IN-HOUSE LASER ENGRAVING SERVICE WITH HIGH QUALITY AND FAST DELIVERY!

**Secure your school stocks of calculators by selecting one of the distinctive colours of calculator and then engrave with school name, department details or even sequential serial numbers.**

**For pupils, we can engrave individual names. Everything is done in-house so as not to affect our 24 hour delivery promise.**

### THE COST IS VERY REASONABLE!

Since our pricing is generally more than 20% lower than retailers such as Tesco, Sainsbury, Ryman and WHSmith you can engrave the calculators purchased from us and the total cost will still be less than retail price in most cases.

### The benefits are:

**Exam eligibility** – Particularly in the case of graphics, JCQ and awarding body guidelines are confusing! Marking eligible models takes away any chance of error, either by pupil or invigilator.

**Crest or logo and 2 lines of text on the case or back**

**Just £1.50 +VAT per calc**

ORDER CODE: LASER2



**Standardisation** – Ensure all pupils have the appropriate technology by ordering centrally and marking calculators.

**Economy from security!** – No more disputes of ownership where identical products are owned by school and pupils.

**Ownership** – Pupils will value a personalised item and take more care of it.

**Serial numbering** – We can sequentially number calculators if they are for your own stock allowing accurate inventory control.

**School branding** – Help to foster pride in your organisation and in mathematics by engraving your logo and department details.

*Please note: Some logos do not reproduce well! We will advise suitability upon receipt of your instructions.*

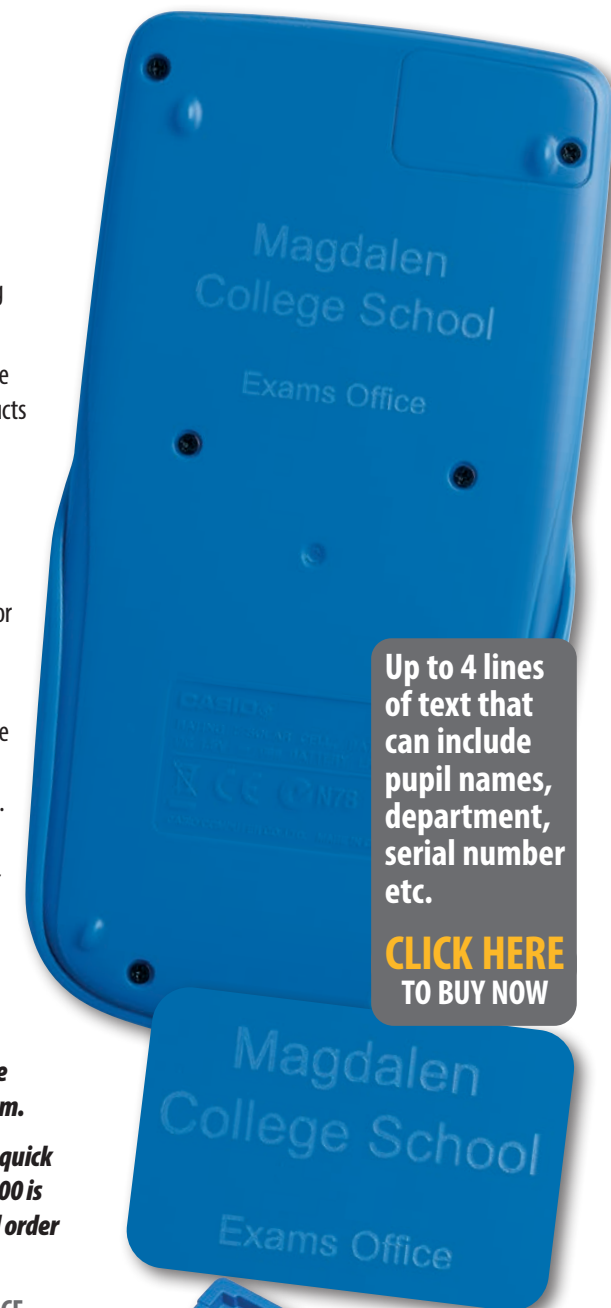
### How to order:

**We simply need to know your choice of calculator, where you would like the engraving and what you would like engraving, preferably in electronic form.**

**We love to speak to our customers so a quick 'phone call of 2 minutes to 01869 344500 is ideal. Alternatively, an email or school order with print details attached is fine.**

**WE ARE DETERMINED THAT THIS SERVICE WILL BE QUICK, SIMPLE AND INEXPENSIVE. PLEASE CALL NOW OR MENTION ENGRAVING AT THE TIME OF ORDERING IT WILL TAKE JUST A FEW MINUTES TO ARRANGE!**

**EXAM SETS** Easy to store and to sanitise for future use, our Scientific Class Sets are the convenient way to buy calculators for exam or everyday use. Engrave them to differentiate from pupil calculators at little extra cost. Supplied in Gratnells boxes with 'Secure Stack' inner with 30 slots and a lid, ready to use, as shown aside. No unpacking, no waste!



**Up to 4 lines of text that can include pupil names, department, serial number etc.**

**CLICK HERE TO BUY NOW**



**JUST £20 to engrave the entire class set!**  
See page 7 for product details and pricing



# GRAPHIC CALCULATORS – APPROVED FOR USE IN ALL PUBLIC EXAMINATIONS, INCLUDING IB

Prices in brackets include VAT.

## CASIO fx-CG50

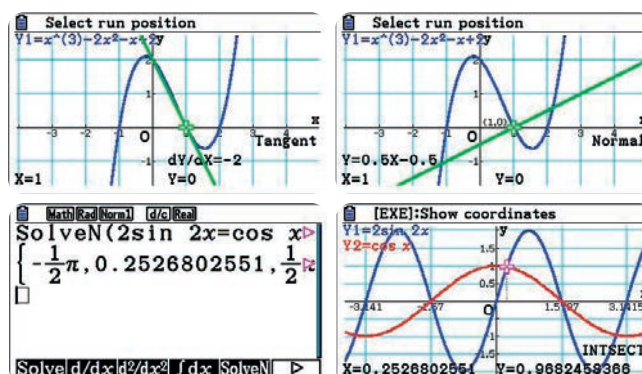
The current A-level has a greater emphasis on problem solving, modelling and reasoning. This means that students have to understand the mathematical concepts in depth and how they are linked.

The Casio fx-CG50 aids understanding and enables problems to be addressed that would be impractical or inefficient to tackle without it.

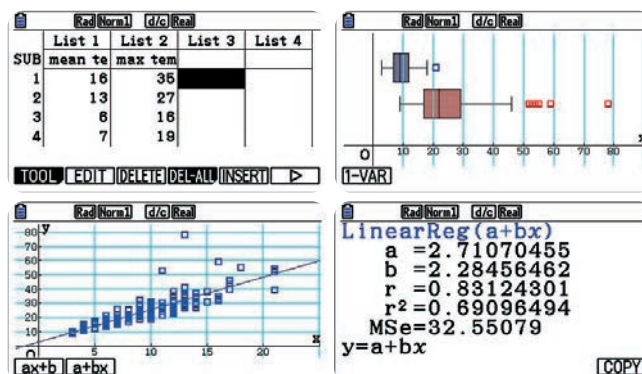
A portable and dependable device, accessible anytime, anywhere!

- An intuitive tool that enables visualisation of maths, helping students to form conceptual understanding and discover links
- Powerful computation functionality beyond that found on even advanced scientific calculators
- fx-CG50 is accessible immediately – no laptops or computer rooms need to be booked
- fx-CG50 can be used in the exam – unlike any other type of technology
- Teacher support includes a free software emulator, free training and free ready-made learning resources
- 3D graphing for Further Maths
- Approved for use in GCSE, AS/A Level, Standard Grade, Higher Grade and Advanced Higher Grade examinations and all IB courses and examinations.

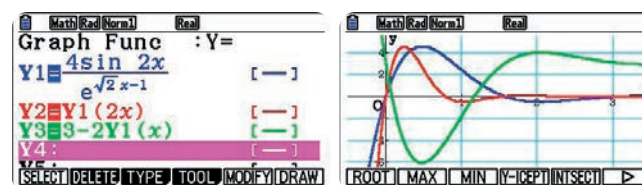
Explore graphs. Solve equations. Link the graphs and equations.



Learn how to interpret data diagrams, and simplify calculation of statistics. Import and use the large data set.



Check answers in exams – even the graphical questions. This calculator is fully approved for use in exams.



## Free of Charge Software Emulator Licenses:

Project a large facsimile of the fx-CG50 via your data projector and use on your IWB and Perfect for use in distance learning. Excellent for instruction on use, screen grabs for creating worksheets and following step-by-step calculations.

We are able to offer UK schools one year single or network licenses completely free of charge. Download now at:

<https://education.casio.co.uk/emulators-oes>

**FREE!** Update to OS3.5  
[education.casio.co.uk/os-files/cg50](http://education.casio.co.uk/os-files/cg50)

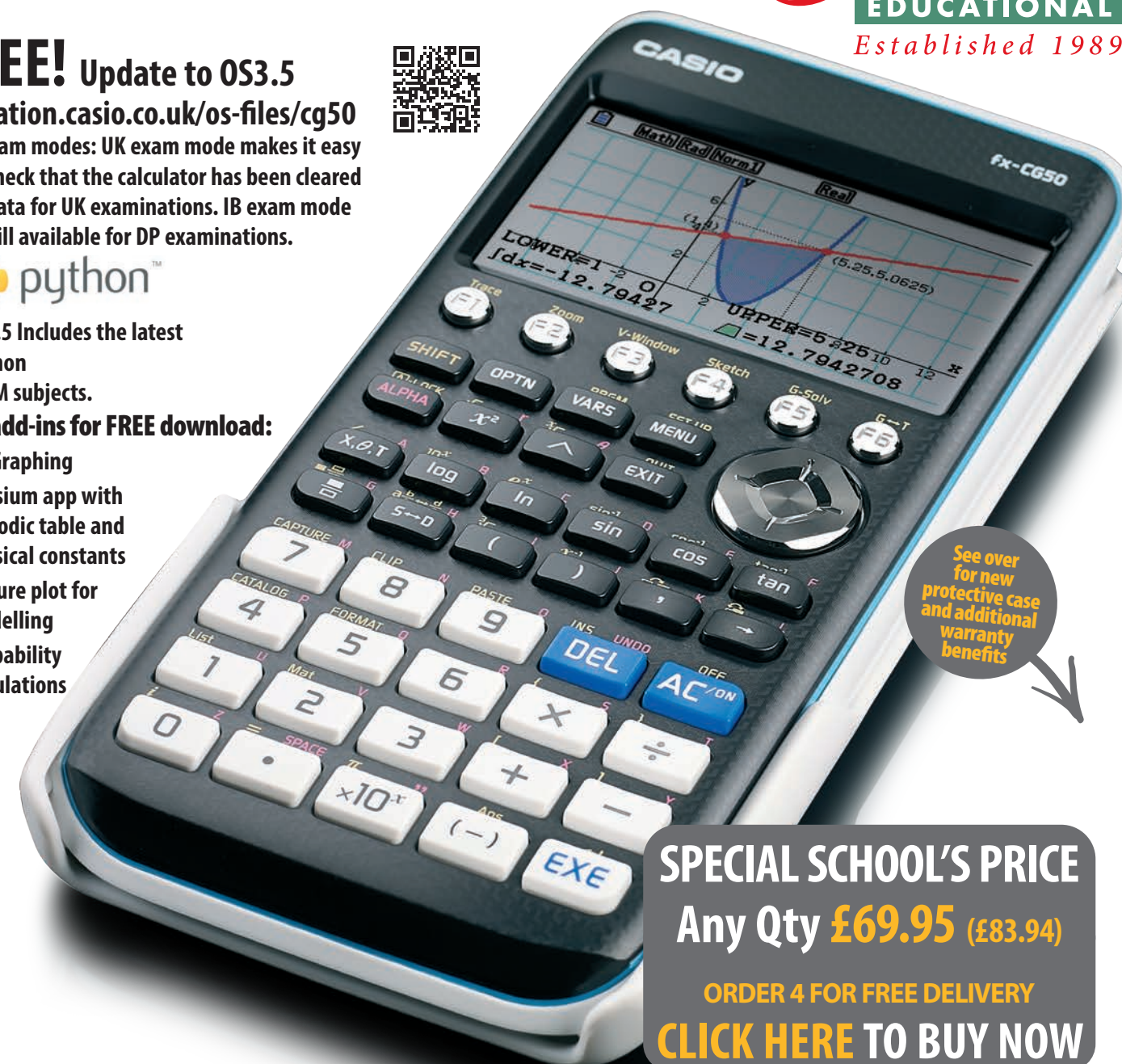
- 2 exam modes: UK exam mode makes it easy to check that the calculator has been cleared of data for UK examinations. IB exam mode is still available for DP examinations.



- OS3.5 Includes the latest Python STEM subjects.

New add-ins for FREE download:

- 3D Graphing
- Physium app with periodic table and physical constants
- Picture plot for modelling
- Probability simulations



See over for new protective case and additional warranty benefits

**SPECIAL SCHOOL'S PRICE**

Any Qty **£69.95** (£83.94)

ORDER 4 FOR FREE DELIVERY

**CLICK HERE TO BUY NOW**

**TEACHER TRIAL PACK.** If you are considering using the CG50 graphical calculator in your teaching, we are delighted to offer you a very special trial edition, EXCLUSIVE TO OXFORD EDUCATIONAL. This pack contains everything to get you started quickly and easily. It will allow you to discover new approaches to teaching mathematics in just a few minutes.

Each teacher package includes:

One Casio fx-CG50, the latest colour graphic and the most popular in the UK.

A 'Quick Start Guide' to get you using the calculator efficiently within a few minutes.

A 'Getting Started Guide' that builds upon your experience and addresses directly teaching of new A level topics using the fx-CG50.

Free classroom support including the emulator for your whiteboard, video resources, training and much more!

We have a very limited quantity of fx-CG50s for this offer so please respond promptly to avoid disappointment.

To take up the offer call now on 01869 344500 or email [sales@oxford-educational.co.uk](mailto:sales@oxford-educational.co.uk)

We do not need a purchase order but if your school does you can email or telephone the order or order number to us.

This offer includes a link to obtain a free one year site licence for emulators for your maths classrooms and free training on the use of fx-CG50 in teaching the A level mathematics syllabus.

STRICTLY LIMITED TO TWO PER SCHOOL  
just **£69.95** +VAT  
Engraving FREE OF CHARGE!



**IMPORTANT NOTE:** This offer is only available to bona-fide UK schools who have not purchased a trial pack or CG50 previously. Trial packs are not available on our website and must be ordered by school purchase order, email or 'phone.



# WYNGS® Cases and Screen Protectors for fx-CG50 with exclusive EXTENDED WARRANTY!

Introducing our new protection to keep your investment safe.

With our zip-up case and glass screen protector fitted we can guarantee that your graphical calculator will be completely safe or it will be replaced with new FREE OF CHARGE!

For the first time ever, you have complete peace of mind - accidental damage replacement included, from smashed screen to leaky battery damage!



Product / Order Code	One price, any quantity	
Hard shell case for CG50 CALCCASE1	<b>£8.95</b> (£10.74)	<b>CLICK HERE TO BUY NOW</b>
Screen protector for CG50, pack of 2 SCREENPRO	<b>£4.95</b> (£5.94)	<b>CLICK HERE TO BUY NOW</b>

## INTRODUCTORY OFFER

Buy the hard shell case and screen protector together for

**JUST £11.95** (£14.34)

**CLICK HERE TO BUY NOW**

## Terms and Conditions

In the event of a claim and a brand new replacement being required, we will require photographic evidence of the damage and showing that the case and screen protector were in use. This extended warranty is in addition to our "No return, return" special guarantee (see bottom of back page) and runs from the date of purchase of the calculator. This is in addition to the manufacturers warranty and your statutory rights.

# Technology that's perfect for teaching, proven for learning

A-level mathematics places greater emphasis on problem solving, modelling and reasoning. Students must understand and link mathematical concepts in depth, as well as being able to process mathematically.

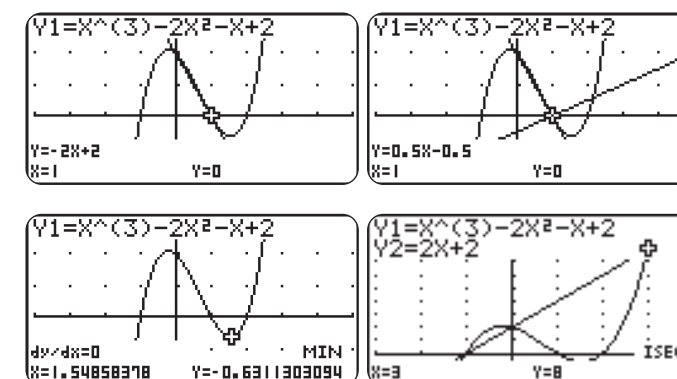
"The use of technology, in particular mathematical and statistical graphing tools and spreadsheets, must permeate the study of AS and A level mathematics." DFE content specification

The benefits of hand held technology are well established and proven to help learning. Casio graphical calculators will aid understanding of the entire syllabus, all from a single personal device.

## Examples using CASIO fx-9860G-III

Explore graphs. Solve problems.

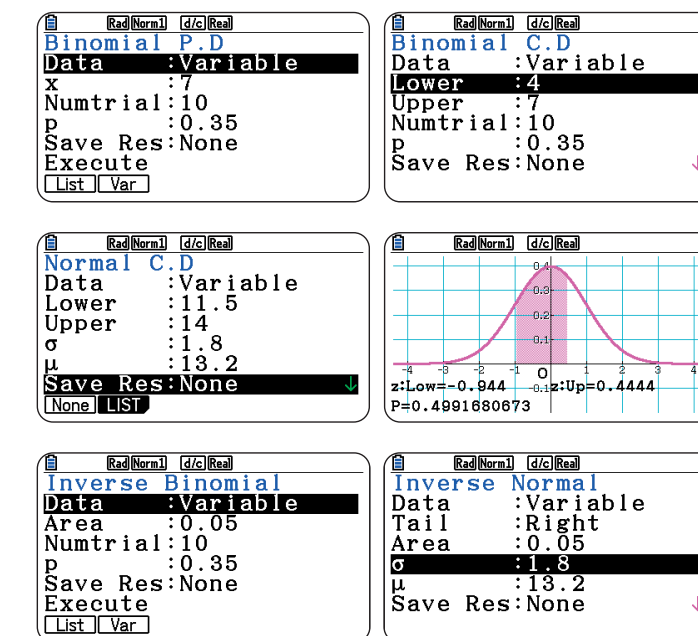
- Find gradients, tangents and normals
- Find turning points and solve intersections



## Examples using CASIO CG-50

Calculate binomial and normal probability.

- Probability between two values
- Graph normal distribution
- No need to standardise the normal distribution
- Calculate inverse binomial and inverse normal

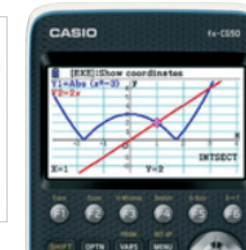
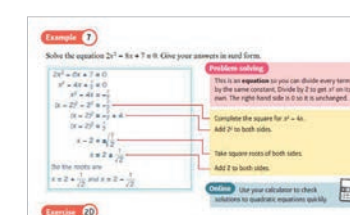


See over for The fx-9860G-III graphical calculator

All graphical calculators shown are approved for use in public examinations.

Great for quickly checking answers!

Textbooks and resources from Hodder, Pearson, Oxford University Press and Cambridge University Press have plentiful videos, worksheets and teacher support linked through their e-textbooks.



## EXPLORE CALCULUS

Evaluate the derivative at a point. Draw the tangent and normal to the curve, showing the equation. Evaluate integrals and show the shaded area.

<https://education.casio.co.uk/products/cg50>



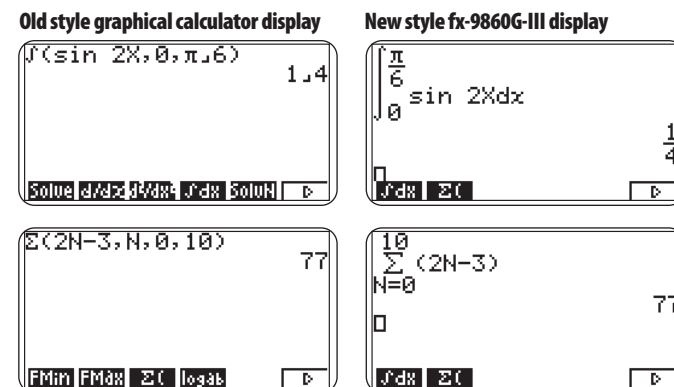


Prices in brackets include VAT.

## CASIO fx-9860G-III

The fx-9860G-III features a natural, text book display making it possible to display fractions, exponents, logarithms, powers, and square roots just as they are written in the textbook.

Take a look at the impact on understanding of integrals and sums

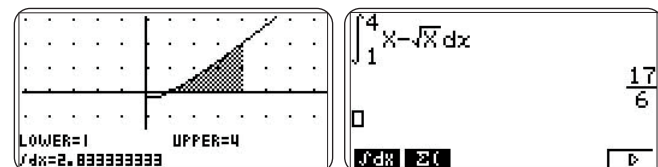


The fx-9860G-III graphic calculator has all the functions of the fx-9750. In addition this calculator has advanced features and a natural maths display – surds, fractions, derivatives, integrals and sigma summation show as in a textbook.

- Vector calculation (products, angle, magnitude)
- Geometry drawing
- Spreadsheet capability
- Examination mode

IB EXAM APPROVED. fx-9860G-III's shipped by OES have the special operating system installed that is approved for use in IB exams.

Explore area under a curve, linking to definite integration.



Create spreadsheets on the fx-9860G-III. Here we investigate the approximation of a derivative by a chord

SHEET	A	B	C	D
1	X	DX		0.5
2	X+DX	1.5		
3	FX	1		
4	FX+DX	2.25		
5	M	2.5		
=(B4-B3)/D1				

Calculate inverse probability distributions, including binomial for hypothesis testing.

Inverse Binomial	
Data :List	
List :List2	
Nomial:10	
P :0.6	
Save Res:Lists	
Execute	
None List	

The latest in a successful line of fx-9860G calculators offering a solid introduction to advanced calculators and suitable for mathematics A level studies. USB connection now allows quick and easy O/S updates, data transfer for uploading standardised lists and screen grabs for use in worksheets. Enhanced by a faster processor and a modern design, the fx9860G-III is the perfect introduction to graphing technology.

Buy with confidence through Oxford Educational Supplies, Casio's No. 1 UK distributor, and be sure that you have UK specific, exam approved calculators with full support.

**Make a smooth transition from Casio scientific calculators and experience the additional power of the graphic calculator.**

The fx-9860G-III is compatible in operation to the fx-83GT-X and fx-85GT-X models with keystroke compatibility and intuitive textbook-style display.

**Trade up to CG50 for just £10 extra!**

**What's extra?**

- Plot graphs with variable coefficients (great for studying transformations)
- Scales marked on axes
- Calculate integrals between roots and intersections of graphs
- Import data by drag and drop
- 3D graphing for further maths

See pages 10 and 11 for full details

## A BRIGHT FUTURE...

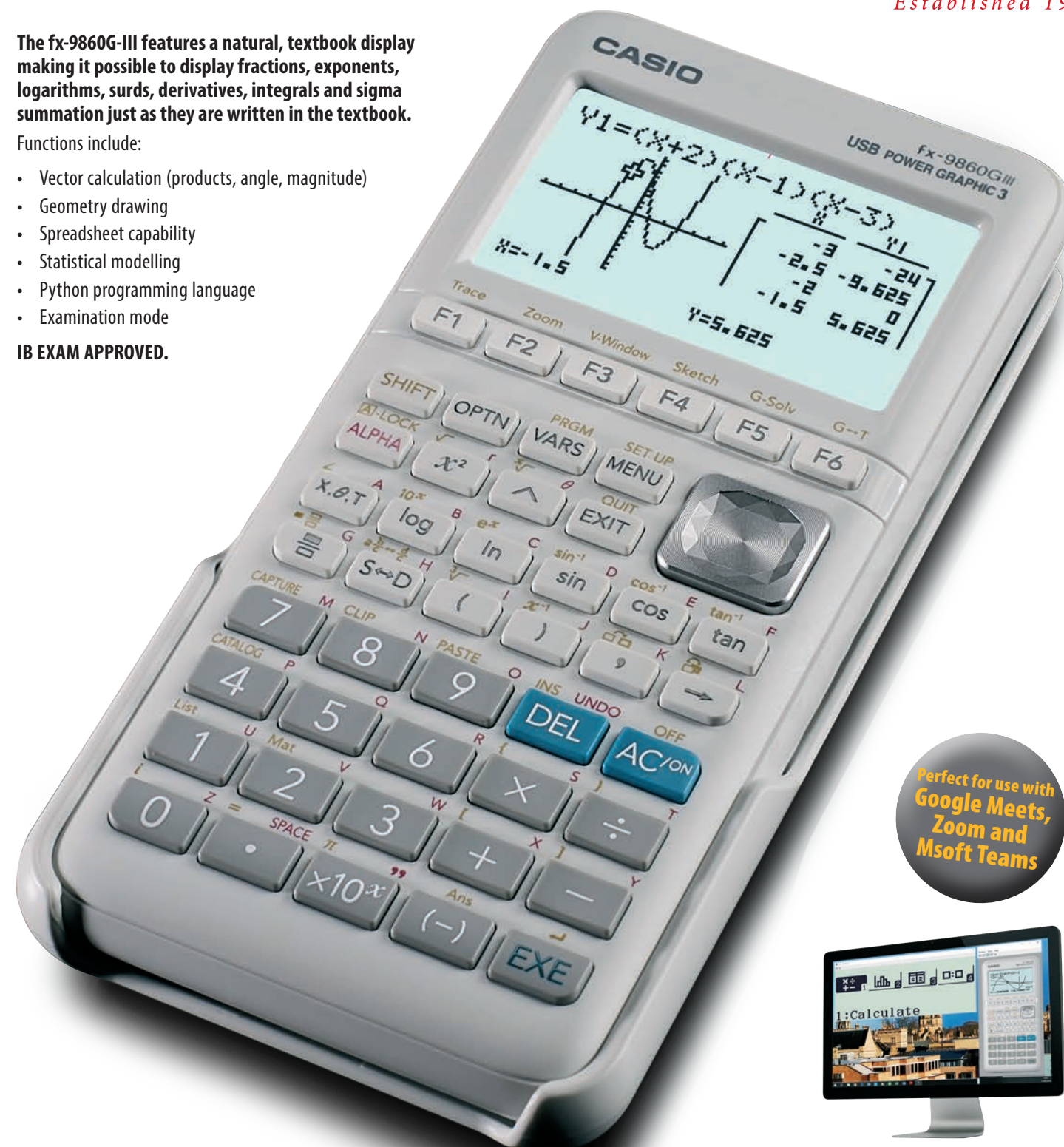
Take a clear view of the future of learning mathematics with our graphical calculators and discover the benefits of this engaging technology...

The fx-9860G-III features a natural, textbook display making it possible to display fractions, exponents, logarithms, surds, derivatives, integrals and sigma summation just as they are written in the textbook.

Functions include:

- Vector calculation (products, angle, magnitude)
- Geometry drawing
- Spreadsheet capability
- Statistical modelling
- Python programming language
- Examination mode

IB EXAM APPROVED.



Perfect for use with Google Meets, Zoom and Msoft Teams



**FREE OF CHARGE!**

Software emulator licences:

Project a large facsimile of the fx-9860G-III via your data projector and use on your IWB. Excellent for instruction on use, screen grabs for printing worksheets and following step-by-step calculations

DOWNLOAD NOW AT

<https://education.casio.co.uk/emulators-oes>

**CLICK HERE TO BUY NOW**

any qty **£59.95** (£71.94)



## TEXAS INSTRUMENTS TI-Nspire™ CX II-T



### The new TI-Nspire™ CX II-T - Future-proof your Nspires with this model featuring a faster processor and a the latest operating system enabling more sophisticated future updates.

The TI-Nspire™ CX II-T handheld and associated software is designed to generate opportunities for classroom exploration and to promote greater understanding of core concepts in mathematics.

Nspire™ CX II-T has been developed through sound classroom research which shows that **linked multiple representations are crucial in development of conceptual understanding**. Nspire™ CX II-T provides simultaneous, dynamically linked representations of graphs, equations, data and verbal explanations, such that a change in one representation is immediately reflected in the others.

In addition to the flexibility offered by Nspire™ CX II-T's menu-driven interface and built-in document structure, this model is enhanced by a backlit colour screen onto which images can be

imported, helping bring concepts to life. Fitted with a rechargeable battery which can be recharged with a USB cable connected to your computer, the Nspire™ CX II-T Docking Station (for the classroom) or a wall charger. Battery life is expected to last up to two weeks under normal use.

Users can experience the same interface on the Nspire™ CX II-T and in the TI-Nspire Software, enabling integration with existing classroom ICT infrastructure and projection systems to offer whole class teaching and personalised learning opportunities and is included with your product. TI-Nspire works with all major interactive whiteboard technologies.

### TEXAS INSTRUMENTS TI-82 STATS

The TI-82 STATS brings benefits in learning mathematics to all students by giving very easy access to sophisticated features such as graphing and statistical charts. Ideal for use from years 7 through 11 this model has all the features of the scientifics with the huge benefit of visualising concepts.

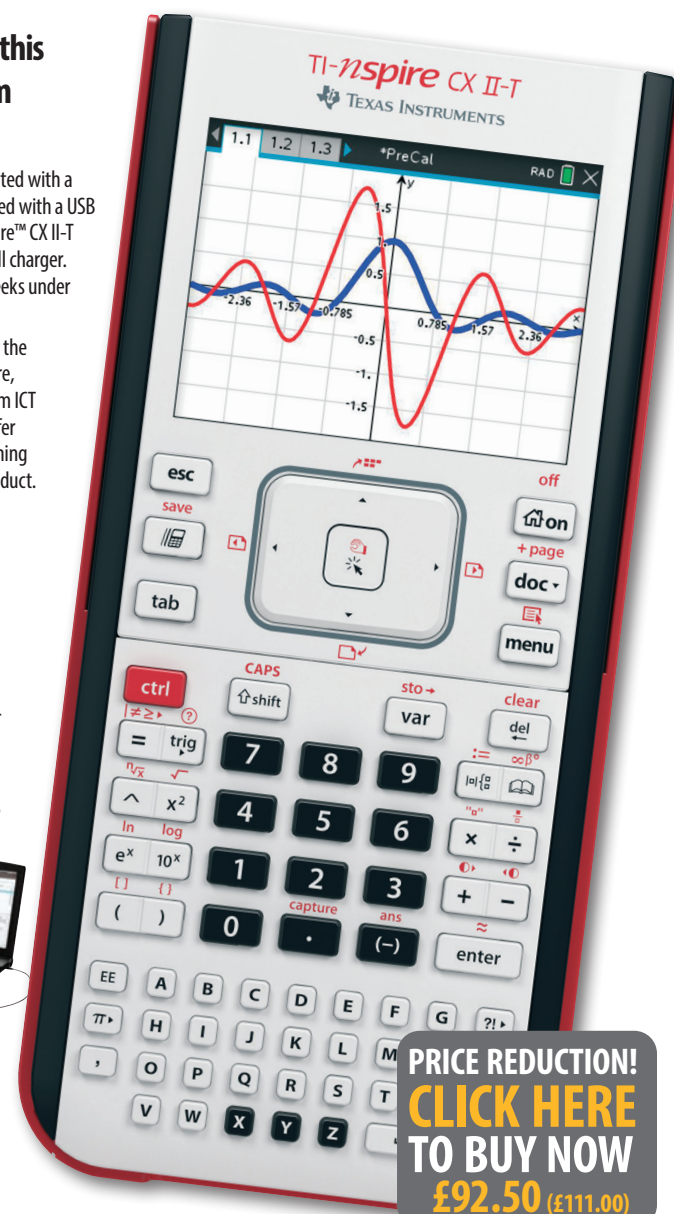
**SPECIAL OFFER**  
**CLICK HERE TO BUY NOW**  
**£39.95 (£47.74)**

### TEXAS INSTRUMENTS Docking Station

TI-Nspire™ CX II-T Docking Station charges up to 10 TI-Nspire™ CX II-T and can simultaneously upload documents, class activities and homework using Teacher Software which is included.



**CLICK HERE TO BUY NOW**  
**£89.95 (£107.94)**



**PRICE REDUCTION!**  
**CLICK HERE TO BUY NOW**  
**£92.50 (£111.00)**

## TEXAS INSTRUMENTS TI-84 Plus CE-T Python Edition

A slimline, modern graphing calculator with a back-lit pin-sharp and clear colour screen and a rechargeable battery.

This is a new, updated version in the TI84 family that retains the familiar style of operation whilst adding features and functions appropriate for our modern syllabuses. This new model offers Python programming language and a host of new features and functions including:

- Real and complex calculation results are calculated with 14-digit accuracy and displayed with 10 digits and a two-digit exponent
- Draws 10 functions, 6 curves in parameter form, 6 curves in polar form and 3 recursively defined sequences
- Up to 10 functions can be defined, saved, drawn and analysed simultaneously
- In the mode of sequence graphs, the sequence can be displayed as a time graph or as a phase diagram
- Seventeen interactive zoom features
- Numerical evaluations are shown in table format for all graph modes
- Interactive analysis of function values, zeros, max values, min values, integrals and derivatives
- Eight different graph styles make it easy to distinguish between the different graphs that are drawn simultaneously
- The matrix functions include inverse, determinant, transpose, extended matrix, reduced row step shape and elementary row operations; matrices can be converted to lists and vice versa
- List-based, one- and two-variable analysis: logistic, sinusoidal, median-median, linear, logarithmic, exponential power, square, cubic and fourth degree regression models
- Three statistical definitions for scatter charts, xy charts, histograms, common and modified box charts and normal distribution plots
- Advanced statistical functions including 10 functions for hypothesis tests, seven functions for confidence intervals and one-way analysis of variance (ANOVA)
- Fifteen probability distribution functions, including normal, Student-t, chi-square, binomial and Poisson
- Interactive editor for equation solution allows numerical solution of various variables in an equation
- Eleven regression model calculations
- Includes Python programming capabilities

Photographs may be imported and graphs modelled to them. Grid lines may be added to graphs to improve accuracy of interpretation.

Supplied complete with rechargeable battery and charger, eliminating concerns over availability of batteries. This new model is PC compatible allowing files, screen shots of graphs and data lists to be transferred and used in pupil work sheets or homework. USB cable and software is included. Option accessories include a 10 station charging dock for classroom use, CBL 2 datalogging interface and a library of user-developed apps.



The Python programming language is integrated into this familiar graphing calculator and makes it easy to use across all STEM subjects.

With the TI-84 Plus CE-T Python Edition, students can write code and run experiments with the TI-Innovator™ Hub with TI LaunchPad™ Board programming tool and the TI-Innovator™ Rover robotic vehicle – perfect to use for different STEM projects.

### TEXAS INSTRUMENTS TI-SmartView Emulator Software

This easy-to-use software complements TI-84 Plus family of graphics calculators, letting the teacher project an interactive representation of the calculator's display to the entire class. It is an ideal tool for classroom projection of maths and science concepts which offers many unique teaching capabilities.

Call 01869 344500 to order your download and obtain an activation code.

Single-user licence is available as a download  
**£49.95 (£59.94)**

Multiple-user network licences are also available as downloads from 5 licences upwards from  
**£249.95 (£299.94)**  
Additional licences £49.95 (£59.94) each

**CLICK HERE TO BUY NOW**

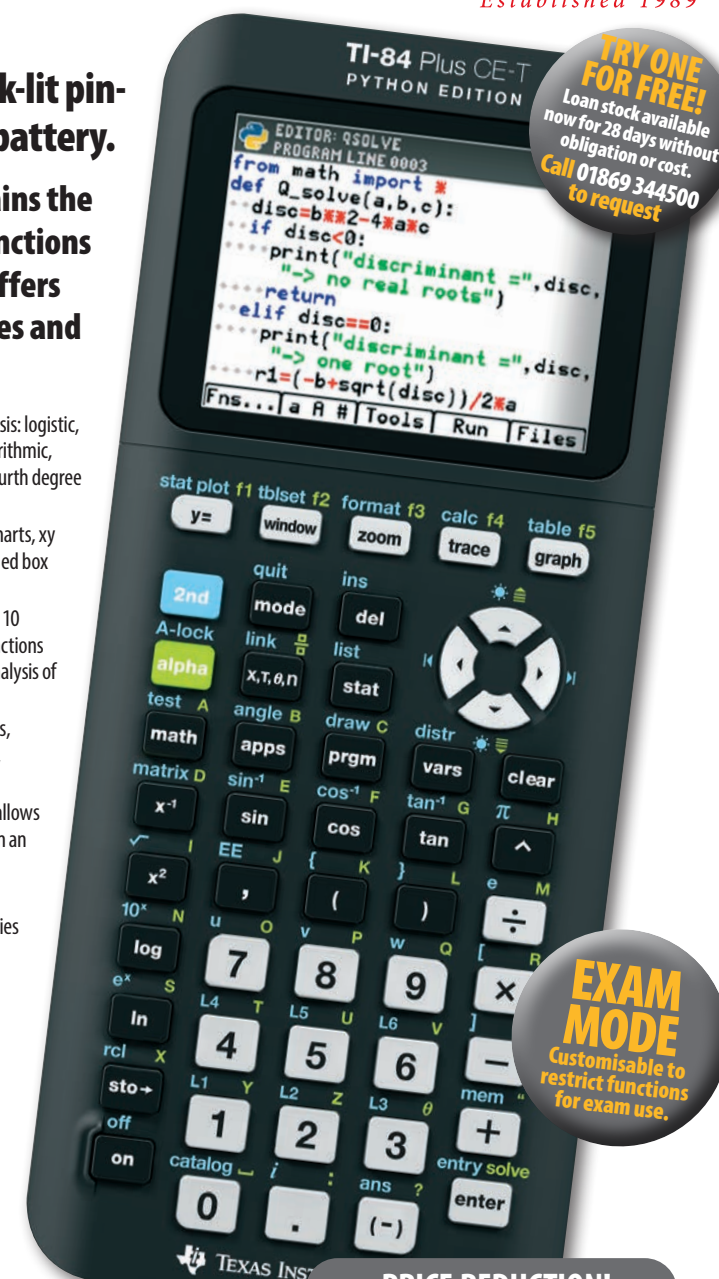
### TI Charging Station CE

The TI Charging Station CE helps keep calculators organized and ready to use. Key features:  
Recharges up to 10 calculators at a time  
Stores calculators as they recharge  
Compatible with TI-84 Plus CE-T Python Edition graphing calculators.



### Make Real-World Connections

Deepen student understanding of maths concepts with images. Import photos from a computer to the calculator and graph on top of the images to create an engaging learning experience.



**TRY ONE FOR FREE!**  
Loan stock available now for 28 days without obligation or cost.  
Call 01869 344500 to request

**EXAM MODE**  
Customisable to restrict functions for exam use.

**PRICE REDUCTION!**  
**CLICK HERE TO BUY NOW**  
**£92.50 (£111.00)**



## SAME DAY DESPATCH, EVERY DAY

Delivery will be made within 24 hours of receipt of your order that may be placed in one of the following ways:



### ORDERING BY EMAIL

sales@oxford-educational.co.uk



### ORDERING BY PHONE

**01869 344500 Direct to Sales!**

No switchboards, no endless menu options, simply straight to a friendly and helpful person within seconds! We love to talk to our customers and we can often bring you right up-to-date with product and offers so call us anytime.



### ORDERING BY POST

School and LEA orders are gratefully received.  
Oxford Educational Supplies Limited,  
Unit 19, Weston Business Park,  
Weston on the Green, Bicester, Oxon OX25 3SX.



### ORDERING ONLINE

**www.oxford-educational.co.uk**  
**www.studentcalculators.co.uk**

Our on-line catalogue for use by teachers and schools.  
Quick and easy "CLICK TO BUY" catalogue also available from the home page to circulate to students and teachers.



### PAYMENT

All UK schools have an account with us! An invoice will be sent with goods for payment within 30 days. For private orders we accept bank transfers and all major credit/debit cards except AMEX.



### CARRIAGE

Carriage is free on orders over £250 ex VAT. Carriage will be charged to a maximum of £7.95 on orders of less than £250 ex VAT. Overseas, offshore UK, Highlands and BFPO deliveries carry a carriage surcharge. We will confirm costs before despatch.



### CUSTOMER SERVICE

If you need any further information please call Customer Service on 01869 344500.

## NO RETURN RETURNS POLICY!

For our many regular customers we will replace any faulty product with a brand new item without the need to return the faulty unit. Simply call us to report the problem and a new calculator will be with you within 24 hours. This new scheme is designed to save teachers time and trouble on the rare occasion a fault occurs. For the few who are not regular customers, please return faulty product by Recorded Delivery with a brief letter stating the fault, when purchased and your contact details.

There is no change to our comprehensive 3 year exchange for new guarantee that covers all products. In addition, our own brand OES model calculators carry a 5 year warranty. Our guarantee is 'no quibble'. If we cannot repair a product to your satisfaction within 48 hours of receipt we will replace it with a brand new equivalent. We would recommend that you use Recorded Delivery for all returns for your own protection. Please ensure that you enclose a brief letter stating your name and address and the reason for return.

All trademarks are acknowledged as the property of their respective owners



**FOREVER ANGELS**

Empowering Tanzanian families to independence!

We are pleased to continue our support of this valued charity providing interim care for orphaned and abandoned children in Tanzania, empowering their families to care for their children in their own homes.

[www.foreverangels.org](http://www.foreverangels.org)

## BASIC CALCULATORS AND CLASS SETS

Prices in brackets include VAT.



### AURORA HC133

Robust handheld model with durable hard keys. Large numeric keypad with 8 digit LCD display. Dimensions: 6.7cm x 11.3cm x 1.5cm.

**CLICK HERE TO BUY NOW**  
from £1.49 (£1.79)

### HC133 Class Set

Gratnells box contains 30 HC133 calculators. Foam insert separates and protects each unit. Hard protective lid. Compatible with Gratnells storage systems.



**CLICK HERE TO BUY NOW**  
**£54.99** (£65.99)



### AURORA HC102

The HC102 is the ideal calculator for teaching BODMAS logic, the 2 line display which shows both sum and answer and the parentheses keys make demonstrating the correct mathematical order of operations very easy. Also present is the handy '÷R' function which displays the quotient and remainder when used to perform division calculations. Dimensions: 7.9cm x 12.7cm x 1.2cm.

**CLICK HERE TO BUY NOW**  
Any Qty **£2.99** (£3.59)

### HC102 Class Set

Gratnells box contains 30 HC102 calculators. Foam insert separates and protects each unit. Hard protective lid. Compatible with Gratnells storage systems.



**CLICK HERE TO BUY NOW**  
**£99.95** (£119.94)