

# fx-1AU GRAPH



APPROVED BY  
QCAA, SACE  
& IB DP

# A NEW ERA FOR GRAPHICS CALCULATORS

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The fx-1AU GRAPH delivers the same swift calculations as its predecessor but with a more transparent and intelligent “flow.” With far fewer hidden options and enhanced usability, it provides an easier, faster, and more intuitive user experience.

We loved the fx-CG50AU, but it needed to be learned and memorised. Key innovations of the fx-1AU GRAPH include:

### SIMPLIFIED USE:

- The body of the fx-1AU GRAPH is modelled after the fx-8200 AU scientific, making an easier transition from early to senior secondary.
- Retaining the software you know and love but making it easier and faster to use thanks to CATALOG and TOOLS.

### INTUITIVE KEY NAVIGATION:

- **CATALOG:** Houses all calculations in one easily accessible place.
- **TOOLS:** Organises all actions for modifying options, and is specific to each app.

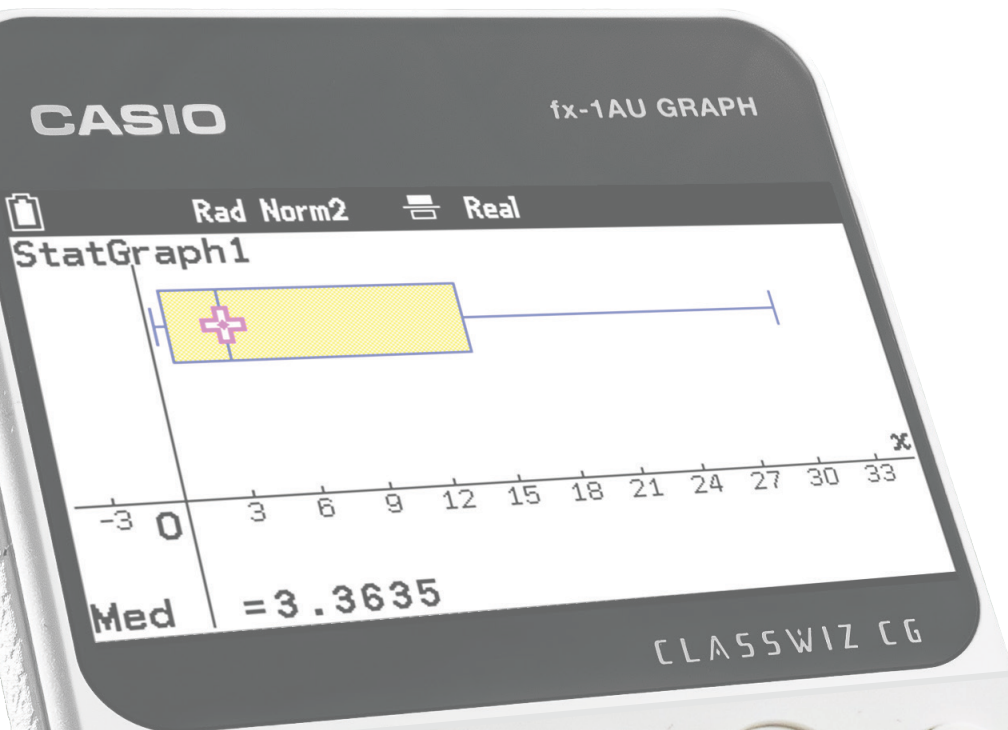
### THOUGHTFULLY ORGANISED:

- Menus are sensibly grouped without abbreviations.
- A numbered menu structure enables faster, streamlined selection.

Please contact [edusupport@shriro.com.au](mailto:edusupport@shriro.com.au), or call us on +61 2 9415 5521 for any enquiries, teacher PD, software or support.



# CALCULATIONS THAT FLOW



Use the forward and backward keys to “flow” through commonly used calculation sequences at the press of a button.



The user interface includes a clean, tab-based design, replacing the F-key (F1 to F6) navigation keys of the fx-CG50AU.

|             | List 1 | List 2 | List 3 | List 4 |
|-------------|--------|--------|--------|--------|
| SUB         |        |        |        |        |
| 6           | 9.539  | 29.46  |        |        |
| 7           | 19.18  | 84     |        |        |
| 8           | 30.06  | 164.8  |        |        |
| 9           |        |        |        |        |
|             |        |        |        | 30.06  |
| List Editor | Setup  |        |        |        |



Rad Norm1 Real  
Calculate Statistics>  
1-Variable  
1Var XList :List1  
1Var Freq :1  
Execute  
Setup Results

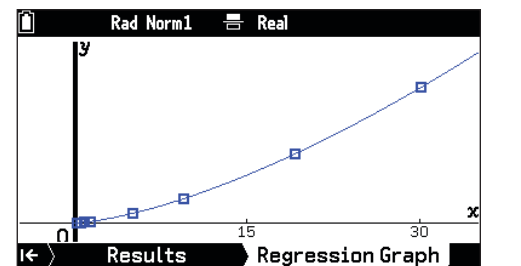
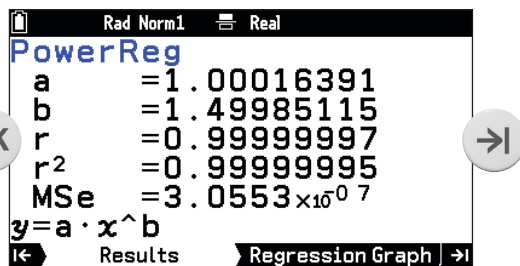
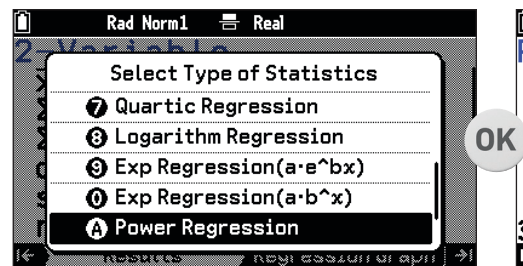
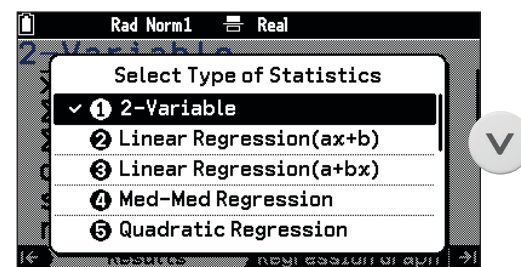
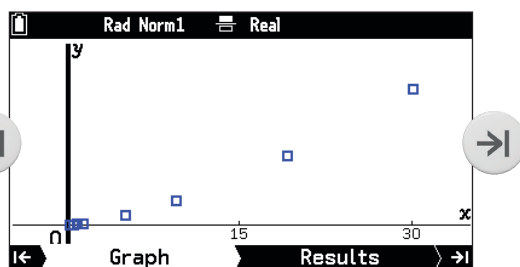
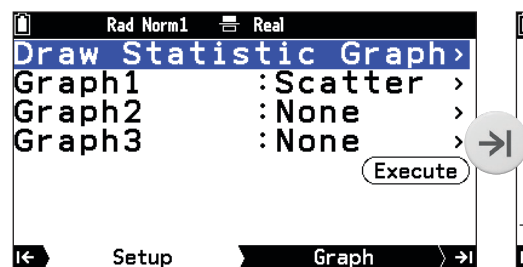
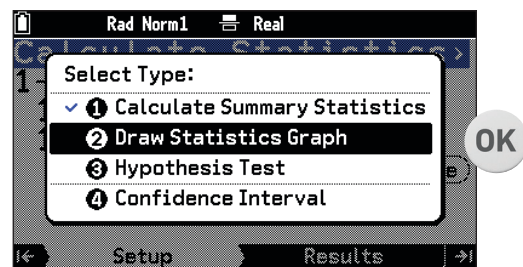


Rad Norm1 Real  
1-Variable  
X =8.452  
Σx =67.616  
Σx<sup>2</sup> =1393.5348  
σx =10.136841  
sx =10.8367389  
n =8  
Setup Results

# A FASTER USER EXPERIENCE

Move quickly through calculations, with the help of:

- Cursor keys
- Numbered menus
- Carefully organised options
- Titles in full text



# NAVIGATION ESSENTIALS, IN ONE PLACE

CASIO'S BELOVED USER INTERFACE, NOW IMPROVED:

**CATALOG**

1 History (Pin★) >

2 Function Analysis >

3 Probability >

4 Numeric Calc >

5 Angle/Coord/Sexa >

**TOOLS MENU:**

A tools menu that adapts based on the active application.

Rad Norm2 Real

**Tools**

1 View Window

2 Graph Solve >

3 Trace

4 Modify

5 Zoom >

**FORMAT YOUR ANSWER:**

Switch between number formats with the press of a button.

Rad Norm2 Real

**Format**

1  $\pi$  (Standard)  $\leftrightarrow$  Decimal

2  $\frac{\square}{\square}$   $\leftrightarrow$   $\frac{\square}{\square}$

3 Sexagesimal

4 ENG Notation

5 Reverse ENG Notation

**CURSOR KEYS**

Navigate full text menus, pin your favourites, or use shortcut keys.

**HOME**

**BACK**

**↑ AND (ALPHA)**

Two sets of well-chosen shift/alpha commands on the hard keyboard.

**FORMAT**

A range of ways to change the format of your answers.

**PAGE UP/DOWN**

**"FLOW KEYS"**

**BACK & FORWARD**

Go back and forward through commonly used sequences.

**TOOLS**

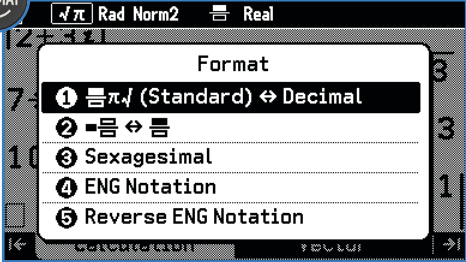
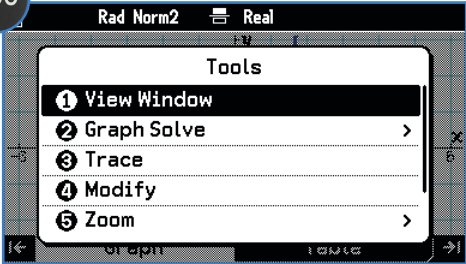
The tools needed to interact with your mathematics.

**CATALOG**

A menu of commands to input your mathematics.

**(EXE) OR (OK)**

Use either when navigating, selecting, or entering data.





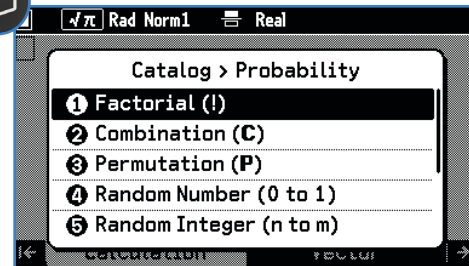
**CASIO** | EDUCATION

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# WHY IS THE fx-1AU GRAPH EASY TO USE?

## EASIER TO FIND WHAT YOU NEED VIA A NEW MENU STRUCTURE:

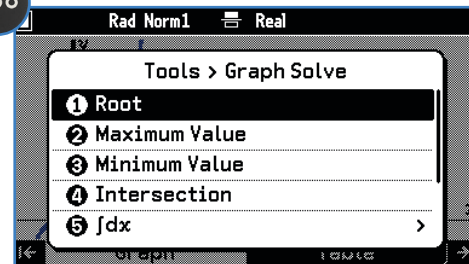
- Ordered with the help of Australian maths teachers.
- Numbered options to speed up navigation.
- Full names of functions for clarity.



## QUICKER TO CHOSE:

- ① A catalog that houses commands in one sensibly laid out place.
- ② An adaptive tools collection.

Grouping commands and tools has been carefully re-thought so commonly used functionality is not "buried".



## FASTER TO USE:

- Recent functionality prioritised:

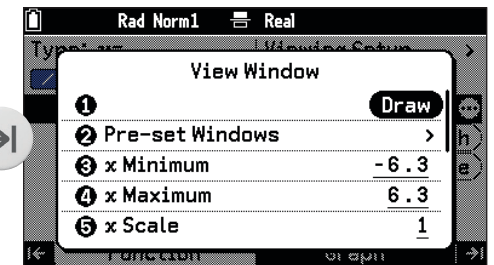
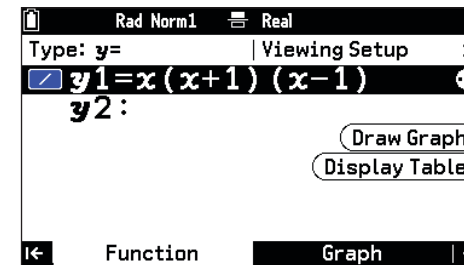
|     | List 1 | List 2 | List 3 | List 4 |
|-----|--------|--------|--------|--------|
| SUB |        |        |        |        |
| 1   | 0.387  | 0.241  |        |        |
| 2   | 0.723  | 0.615  |        |        |
| 3   | 1      | 1      |        |        |
| 4   | 1.524  | 1.88   |        |        |
|     |        |        |        | 0.387  |

List Editor Setup

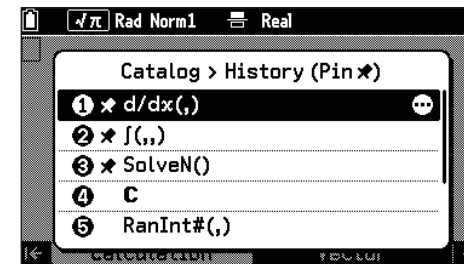
| Confidence Interval > |            |
|-----------------------|------------|
| 1-Sample Z Interval   |            |
| Data                  | : Variable |
| C-Level               | : 0.95     |
| σ                     | : 15       |
| $\bar{x}$             | : 70       |
| n                     | : 28       |

Setup Results

- The user is prompted for required settings, e.g. View Window:



- Customise your catalog with pinned commands:

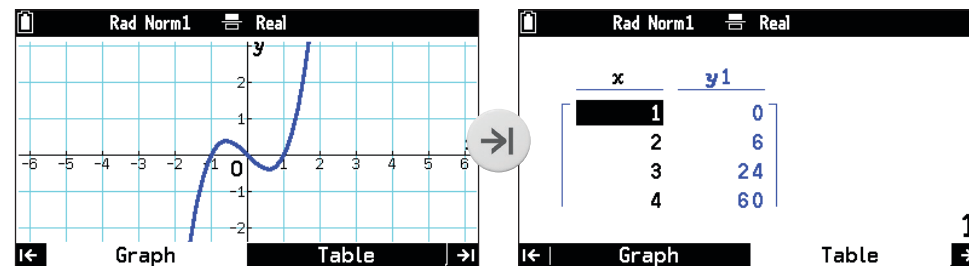
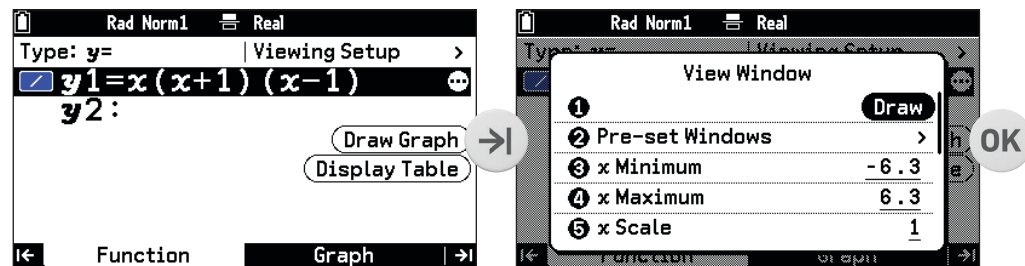


# A NEW APPROACH TO FAMILIAR APPS



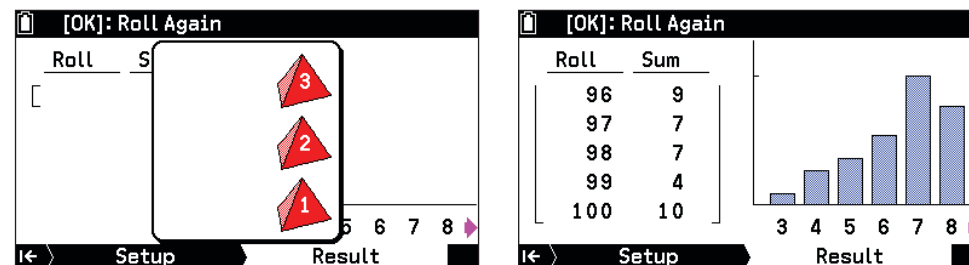
Integrated Graph and Table app:

Graph&Table



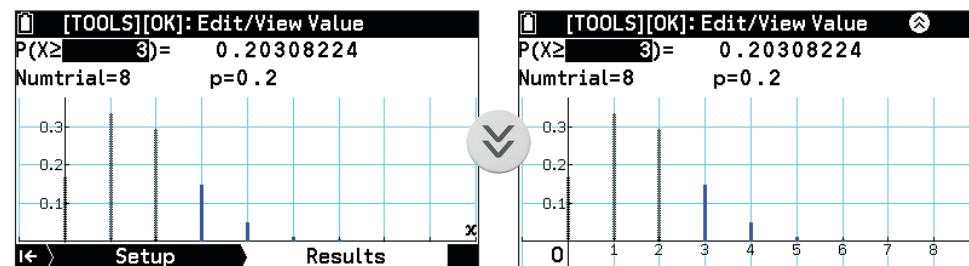
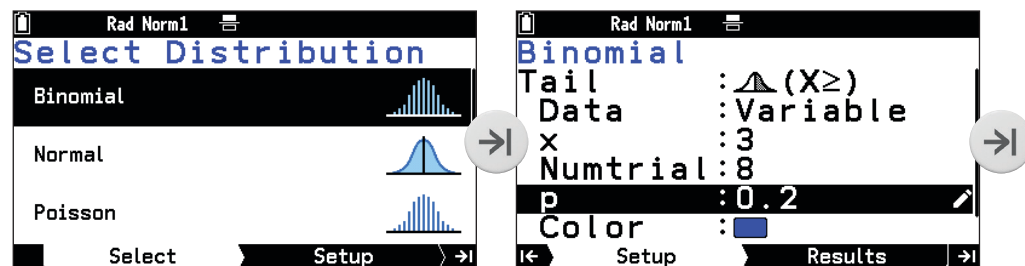
More advanced Probability Simulation app:

Prob Sim



Both numeric and visual output of probabilities in the Distribution app:

Distribution

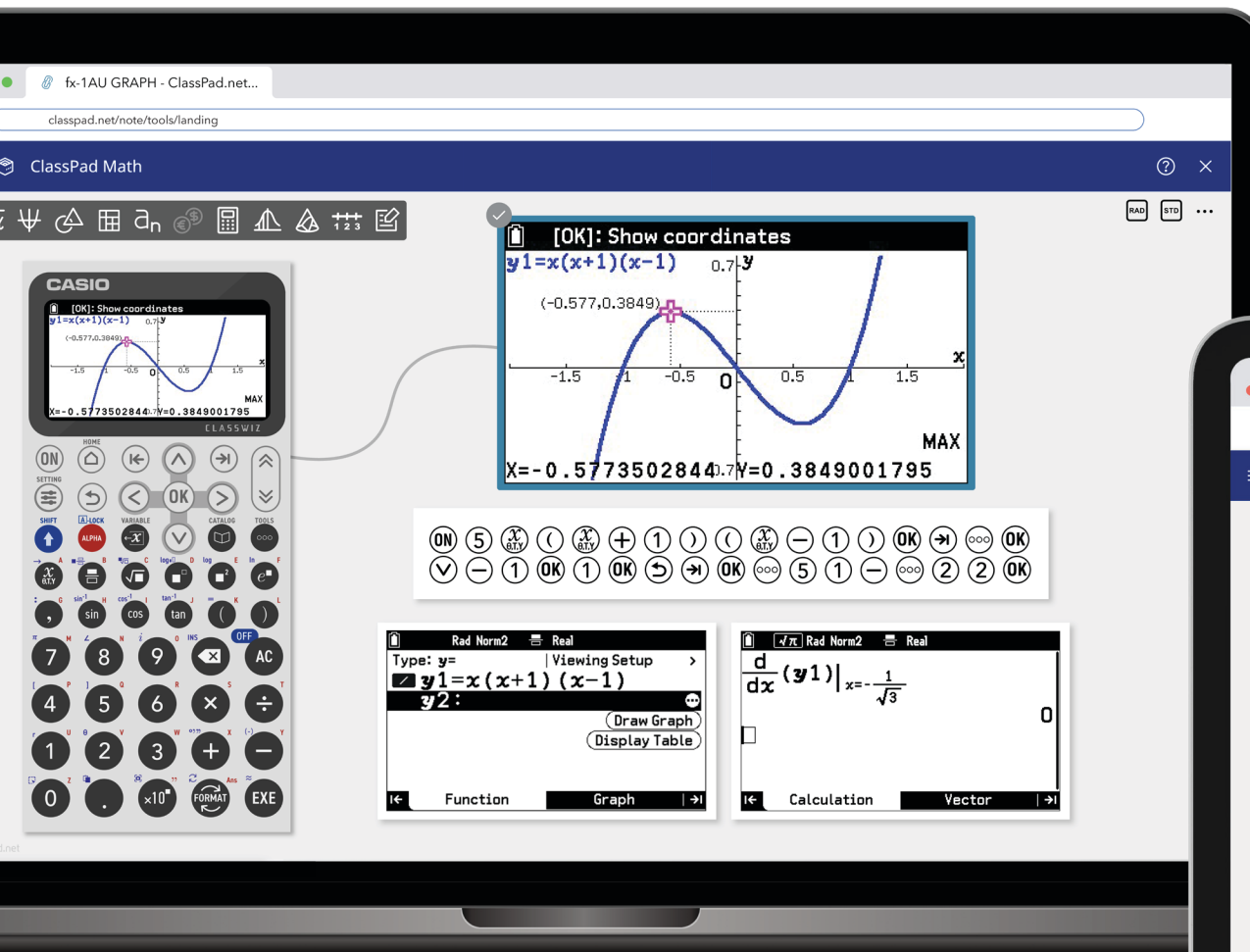




|                                              | NEW fx-1AU GRAPH                                | fx-CG50AU                                                   |
|----------------------------------------------|-------------------------------------------------|-------------------------------------------------------------|
| AVAILABLE AS OF 2026                         | ✓                                               | Limited<br>(Last remaining stock as of back to school 2026) |
| HIGH RESOLUTION LCD SCREEN                   | 224 x 396px                                     | 224 x 396px                                                 |
| USB CONNECTIVITY                             | Type C                                          | Type A (mini)                                               |
| MAIN MEMORY                                  | 61KB                                            | 61KB                                                        |
| STORAGE MEMORY                               | 4.5MB                                           | 4.5MB                                                       |
| FILE FORMAT                                  | g4m                                             | g3m                                                         |
| EXAM MODE                                    | ✓                                               | ✓                                                           |
| ACCESS GRAPHIC CALCULATOR FUNCTIONALITY      | Full text<br>Easy to navigate<br>Numbered menus | F keys                                                      |
| CALCULATION APP                              | Calculate app                                   | RUN.MAT app                                                 |
| INCL. PRIME FACTORISATION                    | ✓                                               | ✗                                                           |
| MANIPULATE NUMBER FORMAT                     | FORMAT key                                      | S to D key<br>convert fraction key                          |
| WORK WITH FUNCTIONS USING GRAPHS AND TABLE   | Combined<br>Graph and Table app                 | Graph app<br>Table app                                      |
| ADDITIONAL GRAPHING APPS                     | 3D Graph<br>Dyna Graph<br>Conics Graph          | 3D Graph<br>Dyna Graph<br>Conics Graph                      |
| WORK WITH STATISTICAL DATA AND DISTRIBUTIONS | Statistics app<br>Distribution app              | Statistics app including<br>distribution functionality      |
| RECURSIVE CALCULATION APP                    | ✓<br>(with additional recursive types)          | ✓                                                           |
| PROBABILITY SIMULATION APP                   | ✓<br>(with enhanced interface)                  | ✓                                                           |
| DATA LOGGING APP                             | ECON5<br>(with Version 2.1)                     | ECON4                                                       |
| SCIENTIFIC DATABASE                          | Database app                                    | Physium app                                                 |
| EQUATION APP                                 | ✓                                               | ✓                                                           |
| FINANCIAL APP                                | ✓                                               | ✓                                                           |
| GEOMETRY APP                                 | ✓                                               | ✓                                                           |
| PYTHON CODING APP                            | ✓                                               | ✓                                                           |
| BASE-N APP                                   | ✓                                               | ✗                                                           |
| PROGRAM APP                                  | ✗                                               | ✓                                                           |
| eACTIVITY APP                                | ✗                                               | ✓                                                           |
| PICTUREPLOT APP                              | ✗                                               | ✓                                                           |

# WEB-BASED EMULATOR SOFTWARE

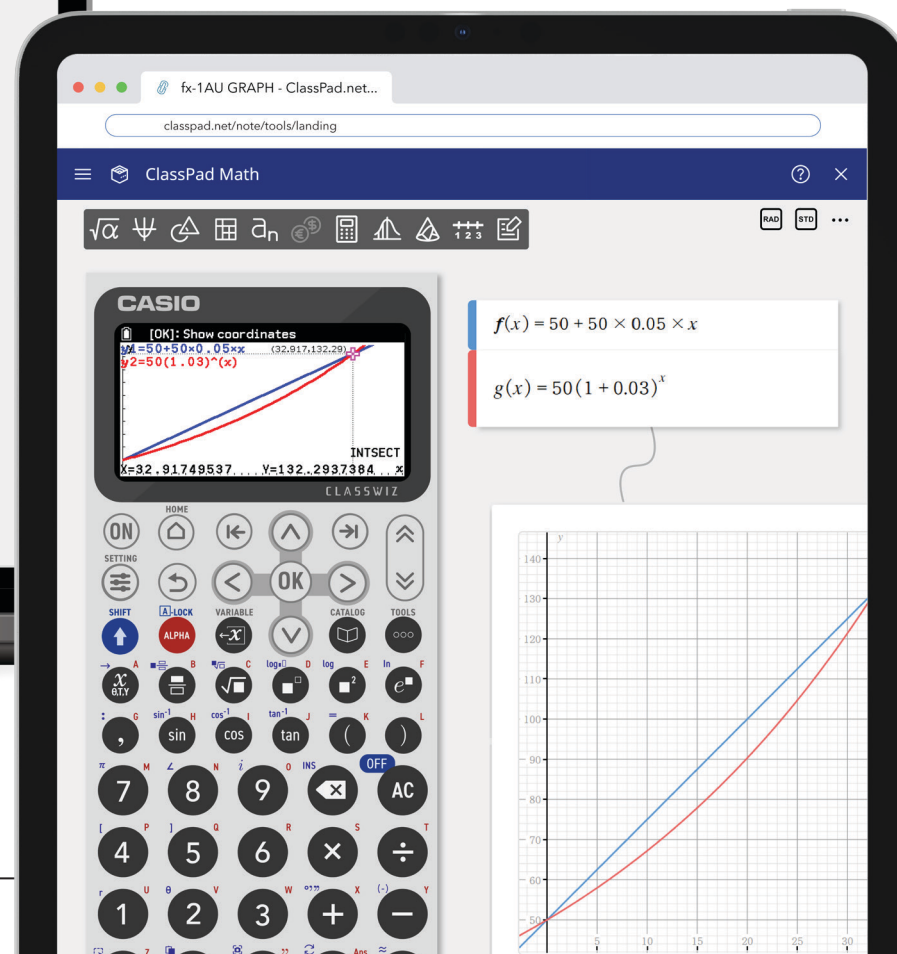
A web-based emulator provides easy access across your laptop and/or tablet using the same license code. You can take screenshots, show key-logs or share an easily resized pop-up screen/s for classroom display.



Access to this software is free to all approved Prime Schools Plus members. If you require access or assistance, please contact us at [edusupport@shriro.com.au](mailto:edusupport@shriro.com.au)

ClassPad.net provides you with "Paper" and "Sticky notes". Sticky notes are used to display key formulas or steps as you work with graphs, spreadsheets, and geometric shapes. Paper allows you to write notes in your classpad.net window.

All sections (calculator emulator, sticky notes, paper, screenshots etc) can be resized or deleted, so you can adapt your display to you and your student's needs.



## KEEPING YOUR fx-1AU GRAPH UPDATED

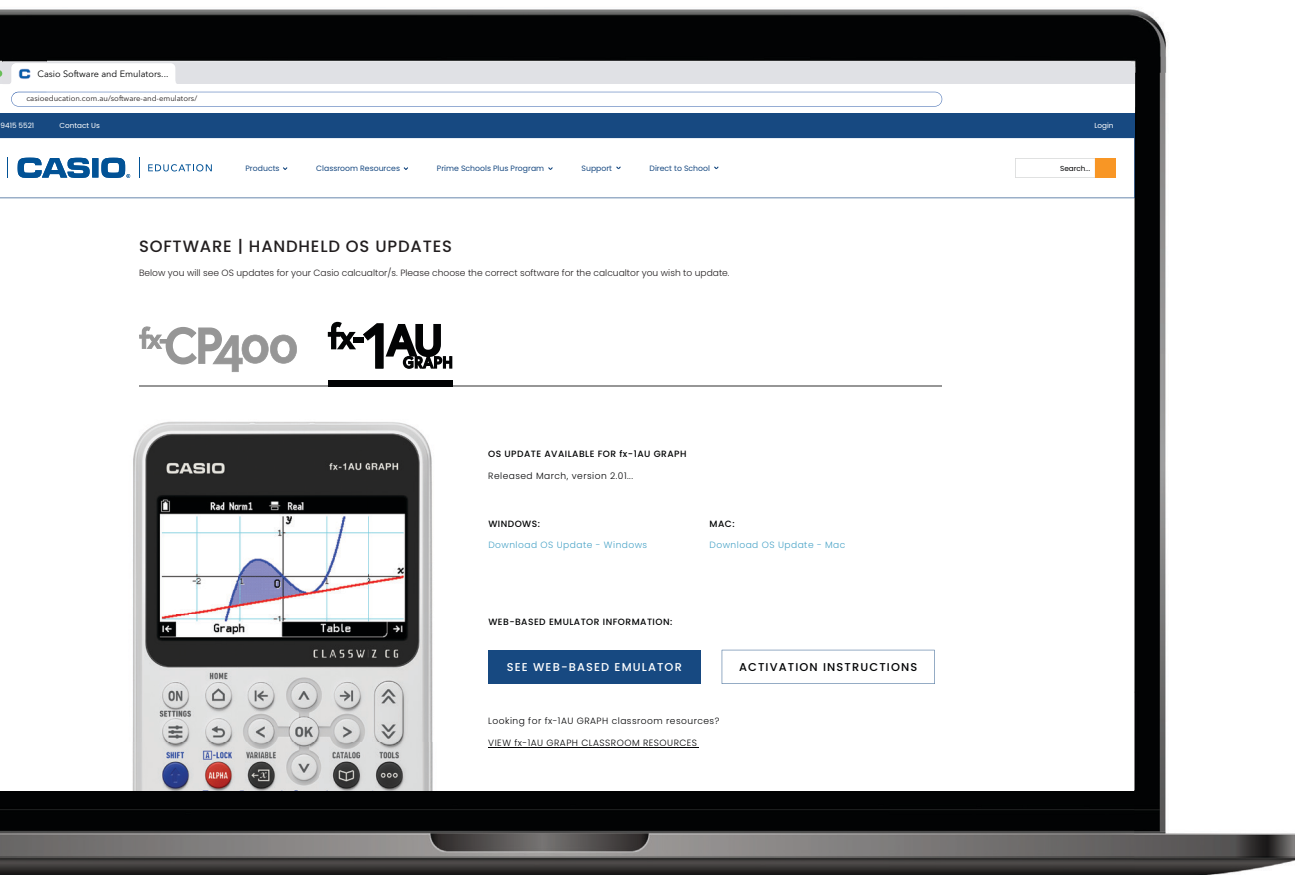
It's important to keep your calculator's OS up to date.

You can use a USB-C cable to update your fx-1AU GRAPH software.

To check for available updates: [casioeducation.com.au/software-emulators/](https://casioeducation.com.au/software-emulators/)

The process:

1. To start, launch updater on your laptop
2. Your fx-1AU GRAPH handheld needs to be turned off
3. Plug your USB-C cable into your laptop and connect your handheld when prompted. If using a laptop, ensure it is connected to power
4. Make sure your USB-C cable is connected securely to your laptop and calculator, and batteries in your handheld are not flat
5. Follow all instructions on your laptop until the update is complete, and only disconnect your cable when prompted



## COMPLETE THE PACKAGE FOR YOUR SCHOOL WITH PRIME SCHOOLS PLUS

Get more than just a calculator when you booklist or purchase the fx-1AU GRAPH.



NEW web-based emulator software free to Casio using schools.



NEW complimentary calculators for your faculty.



NEW learning resources - access a library of 'how to' resources and classroom activities.



NEW Australian made manuals and guides to help you learn best practice; coming soon.

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\*Conditions apply

# fx-1AU GRAPH

For all enquiries and emulator support please contact:

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