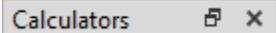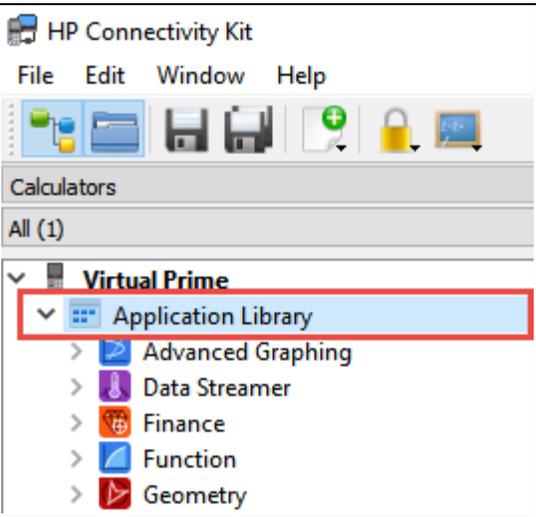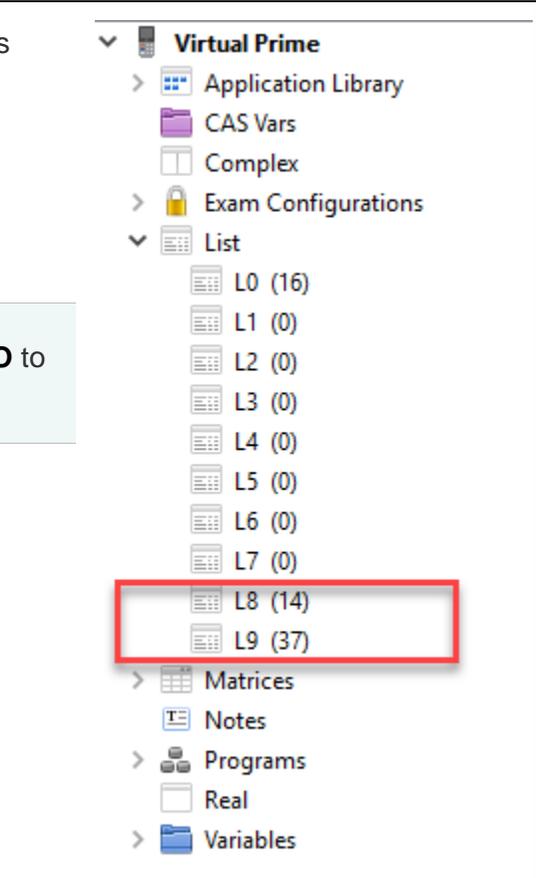# 1 Installation

Install the **SGS Prime COGO** application for HP Prime on any of the following devices:

- ► Physical HP Prime Graphing Calculators
- ► Virtual Calculators for Windows or Mac
- ► Windows UWP HP Prime Pro app
- ► Android HP Prime Pro app
- ► iOS HP Prime Pro app

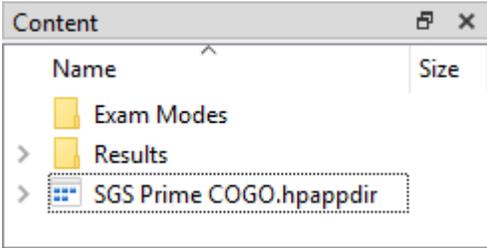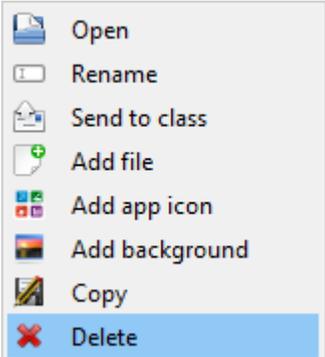**Required:** Installation requires the Connectivity Kit for Windows or Mac.

1.1 New Installation

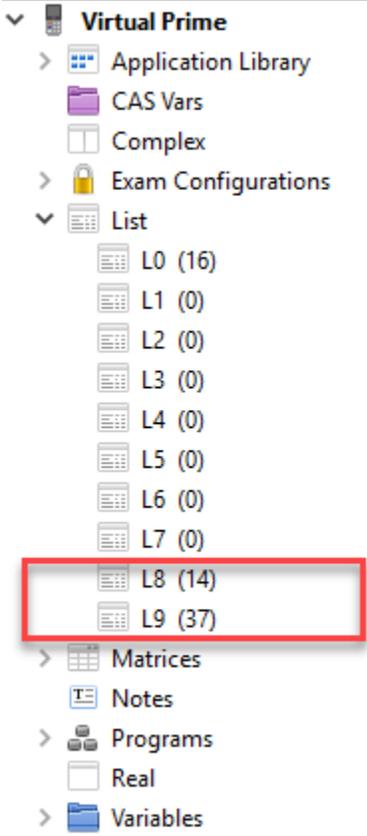| Step	Action
1	Download the installation files from https://sgss.ca/hpprime.html.
2	Unzip/extract the installation files.
3	Navigate into the folder where the files were extracted, a folder with the version number of the app will be found. 📁 SGSPrimeCOGO_v1_5_1
4	Open the folder to reveal a sub-folder with a **.hpappdir** extension and two other files **L8.hplist** and **L9.hplist** inside. 📁 SGS Prime COGO.hpappdir 📄 L8.hplist 📄 L9.hplist
5	Open the Connectivity Kit on your PC or Mac.
6	A. For physical HP Prime calculators; plug in the USB cable to connect. B. For HP Prime Pro apps; open the app on the device that is on the same Wi-Fi network as the PC or Mac running the Connectivity Kit.
7	Confirm your calculator connection, it will be visible in the `Calculators` pane of the Connectivity Kit once connected.

8	Expand the connected calculator in the Connectivity Kit.
	
	Drag and Drop the SGS Prime COGO.hpappdir folder from Step 4 onto the Application Library folder of your calculator. It may take a few seconds to complete the transfer.
		HP Connectivity Kit
		File Edit Window Help
		
		Calculators
		All (1)
		
		∨ 🖥 **Virtual Prime**
		 ∨ 🏢 **Application Library**
		  › ▷ Advanced Graphing
		  › 🌡 Data Streamer
		  › 🌐 Finance
		  › ◿ Function
		  › ▷ Geometry

9	Drag and Drop the L8.hplist and L9.hplist files from Step 4 onto the List folder of your calculator.
	
	Close the Connectivity Kit.
	
	NOTE: The **L8** and **L9** lists are required to stay unaltered on the calculator for **SGS Prime COGO** to function. <u>DO NOT OVERWRITE OR DELETE THESE FILES</u>.
		∨ 🖥 **Virtual Prime**
		 › 🏢 Application Library
		  📁 CAS Vars
		  ⊞ Complex
		 › 🔒 Exam Configurations
		 ∨ ▦ List
		  ▦ L0 (16)
		  ▦ L1 (0)
		  ▦ L2 (0)
		  ▦ L3 (0)
		  ▦ L4 (0)
		  ▦ L5 (0)
		  ▦ L6 (0)
		  ▦ L7 (0)
		  ▦ L8 (14)
		  ▦ L9 (37)
		  › ▦ Matrices
		  ⊤ Notes
		  › 🔧 Programs
		  ⬜ Real
		  › 📁 Variables

1.2 Upgrade to new Version

To preserve application variables and files, it is best to overwrite only the program code of the app when upgrading to a newer version. It is currently not possible to overwrite just the program code of an app directly in the **Application Library**; therefore, a workaround step is required to accomplish the upgrade.

Step	Action
1	Download the installation files from https://sgss.ca/hpprime.html.
2	Unzip/extract the installation files.
3	Navigate into the folder where the files were extracted, a folder with the version number of the app will be found. 📁 SGSPrimeCOGO_v1_5_1
4	Open the folder to reveal a sub-folder with a **.hpappdir** extension and two other files **L8.hplist** and **L9.hplist** inside. 📁 SGS Prime COGO.hpappdir 📄 L8.hplist 📄 L9.hplist
5	Open the Connectivity Kit on your PC or Mac.
6	A. For physical HP Prime calculators; plug in the USB cable to connect. B. For HP Prime Pro apps; open the app on the device that is on the same Wi-Fi network as the PC or Mac running the Connectivity Kit.
7	Confirm your calculator connection, it will be visible in the `Calculators` pane of the Connectivity Kit once connected.
8	Expand the `Application Library` folder and locate the `SGS Prime COGO` app. Drag and drop the app into the `Content` pane of the Connectivity Kit. This will create an **SGS Prime COGO.hpappdir** folder in the *Content* pane as shown. Content — Name / Size: Exam Modes, Results, SGS Prime COGO.hpappdir
10	Right-click on the `SGS Prime COGO` app in the `Application Library` and choose **Delete**. Open / Rename / Send to class / Add file / Add app icon / Add background / Copy / **Delete**

11	Using your PC or Mac File Explorer, open the `SGS Prime COGO.hpappdir` folder from Step 4.
	Inside you will find a `SGS Prime COGO.hpappprgm` file, drag and drop this file onto the `SGS Prime COGO.hpappdir` folder in the `Content` pane.
	At the prompt choose **Yes** to replace the file.
	This updates the program code of the app in the *Content* pane.
12	Drag and Drop the `SGS Prime COGO.hpappdir` folder from the `Content` pane to the `Application Library` folder.
	It may take a few seconds to complete the transfer.
13	Drag and Drop the `L8.hplist` and `L9.hplist` files from Step 4 onto the `List` folder of your calculator. Close the Connectivity Kit. NOTE: The **L8** and **L9** lists are required to stay unaltered on the calculator for **SGS Prime COGO** to function. DO NOT OVERWRITE OR DELETE THESE FILES**.**

NOTE: If you encounter an Insufficient Memory error when trying to connect with the Connectivity Kit, try:

1. Reboot the calculator by holding down `On Off` and then pressing `Symb☒ ↪Setup`. Try again.

2. If you have Version 1.5.1 or later installed, try the Unload option prior to connecting to the Connectivity Kit, then use the Reload option after upgrade is complete.

1.3 **Running SGS Prime COGO**

Once installed, run **SGS Prime COGO** by one of the following methods:

1. Open the Application Library on your calculator by using the [Apps Info] key. Locate the **SGS Prime COGO** app and tap the icon or **Start** on the menu to open the application.

or [Start]

2. From the Home or CAS screen, if **SGS Prime COGO** is the active application with the title visible at the top of the screen, use the [Num Setup] key to start the application.

Other shortcut keys available from the Home or CAS screen:

► [Symb Setup] starts the RPN Calculator.

► [Plot Setup] opens the Plot Points program.

► [Shift] and [Symb Setup] / [Plot Setup] / [Num Setup] opens the User Settings options.

1.4 License Key

A valid **License Key** enables the functionality of the software.

License Keys are bound to the Device ID of the calculator or app that the SGS Prime COGO application is installed on.

You must supply the Device ID of your calculator or app when requesting a License Key.

The Device ID should match the calculator serial number followed by a few characters to help identify the type of device and the version of the app.

Contact sales@sgss.ca for more information about licensing.

Apply License Key

Device ID: FtCoDVT1n7-Emu1

License Key:

Enter License Key to Activate

Edit   Cancel   Apply