

SCIENTIFIC WORD LTD.

130B Main Street, Yaxley, Peterborough, PE7 3LB

Tel: +44 (0)345 766 0340 *plus Ansafone* • Fax: +44 (0)345 603 9443

Email: christopher@sciword.co.uk • Web: <https://www.sciword.co.uk>

Scientific Word/WorkPlace/Notebook Installation Instructions for version 6.x Fixed Licence: **please follow precisely** to ensure successful installation

The release of TeX Live 2022 on 3/4/22 means that, for Scientific Word/WorkPlace, you will **first** need to install TeX Live, as documented below.

WINDOWS (for Mac instructions, see p4)

1. System requirements are as in our [April 2015 mailing](#) (Item 1)
2. Re-boot and make sure you are signed in to your computer as an Administrator
3. To install:
 - A. **TeX Live 2022** (this step A is required for Scientific Word and Scientific WorkPlace; it is not required for Scientific Notebook):
 - i. If you already have a folder `c:\texlive`, first rename it (eg. to `c:\texlivebackup`). This both keeps a backup of any existing TeX Live installation, and also gives TeX Live 2022 a fresh start.
 - ii. Go to <https://www.tug.org/texlive/acquire-netinstall.html> and, in the first main paragraph, click to download [install-tl-windows.exe](#). In File Explorer, browse to the folder containing your downloaded file and click to run `install-tl-windows.exe`. You may need to turn off Windows Defender SmartScreen (Start – Settings – Update & Security – Windows Security – App & browser control – Reputation-based protection settings – Check apps and files – Off); or, if it's set to Warn (our recommendation) then click More Info – Run Anyway at the dialog.
 - iii. Click Install – Next ([screenshot1](#)) and then Install ([screenshot2](#)).
 - iv. At the Graphical User Interface, click Advanced ([screenshot3](#)) and, in the Selections section, click Change ([screenshot4](#)) to choose between the Full Scheme (7.5Gb), Medium Scheme (2.1Gb) and Small Scheme (700Mb). We recommend the Small or Medium Scheme ([screenshot5](#)); if there are any additional packages you need, you can always add them later using the TeX Live Manager (see our [April 2020](#) mailing Item 2(2)).
 - v. Then click Install ([screenshot6](#)). The installation, which may take an hour or more, will show its progress as it installs the TeX Live components ([screenshot7](#)). Wait until you see the “Welcome to TeX Live!” message. When the installation has finished, click Close ([screenshot8](#) and [screenshot9](#)) and go on to Section B below.
 - vi. If you get error messages (such as [error1](#)) – anything other than the succession of lines saying ‘Installing’ in [screenshot7](#) – then Close the installation and repeat from (ii) above. This time go to <https://www.tug.org/texlive/acquire-iso.html>. Obtain the [ISO disc image](#)

file by clicking the first bullet point to [download from a nearby CTAN mirror](#); click to download the 4.3Gb `texlive.iso` to your hard disk or external drive: eg. create a new folder `TeXLiveISO` and save the file as `D:\TeXLiveISO\texlive.iso`. In File Explorer, double-click this ISO file, and it will mount as a separate drive (eg. the G: drive). Click on `G:\install-tl-windows.bat` and continue from midway through (ii) above (giving permission to Windows Defender SmartScreen).

After completing the installation of TeXLive – ie. at the end of Step (v) above – you can dismount/eject the G: drive by right-clicking on it in File Explorer and selecting Eject.

B. Scientific Word/WorkPlace/Notebook:

- i. Download the Scientific Word/WorkPlace/Notebook v6.1 (Windows) program file [here](#).
 - ii. Browse to the directory containing the download file: right-click the file and select Run-as-Administrator to begin the installation. You may need to turn off Windows Defender SmartScreen (Start – Settings – Update & Security – Windows Security – App & browser control – Reputation-based protection settings – Check apps and files – Off); or, if it's set to Warn (our recommendation) then click More Info – Run Anyway at the dialog.
 - iii. Select the installation language – Next, and Accept the Licence Agreement (if appropriate).
4. The downloads for Scientific Word/WorkPlace have separate installers for the main program and TeX Live. **You will need to uncheck the TeX Live box** in order to use the TeX Live 2022 installed in 3A above; however, you should Accept whatever is the default answer to the other installation questions – whether they are checked or unchecked (see [screenshot10](#) and [screenshot11](#)) – and let the program installer run whichever additional modules it requires.
 5. When the main Scientific Word/WorkPlace/Notebook installation finishes, click Finish ([screenshot12](#)) and give permission to the GhostScript ([screenshot13](#) and [screenshot14](#)) and/or Inkscape installers if requested, until you get the message saying 'Done with extra installers' ([screenshot15](#)); this window may be hidden behind other windows.
 6. After installing Scientific Word/WorkPlace/Notebook you will need to Activate the program:
 - **Windows:** Right-click the v6.0 program icon and Run-as-Administrator. If there is not a SWP/SW/SNB v6.0 program icon already on the desktop to do this, click on Start and scroll down the alphabetical list of programs. Click on Scientific Word/WorkPlace/Notebook to open the dropdown, and you will see SWP/SW/SNB 6.0. (You could right-click and pin this to the Start menu so as to find it again more easily in future; from there you can drag it to the desktop, if you wish)

If, on opening Scientific Word/WorkPlace/Notebook, you get an error message like [this](#), click on OK and then open the side panel by clicking on the dotted line in the middle of the right hand side of the Scientific Word/WorkPlace/Notebook window; at the top, click the Actions dropdown that's level with MSI What's New, and select Close (like [this](#)). You can then close the right-hand side panel by clicking on the dotted line. This is a one-time fix.

Click Help – Activate and **type** (NOT copy and paste) your serial number, and your Email address for the return of your licence, followed by OK (see [here](#)).

After updating from a previous version, you may not need to re-Activate (see the final sentence of Step 8 to check whether your licence is Activated); but you should still open the program with right-click – Run-as-Administrator on the first occasion after installing/updating.

7. Exit and re-boot
8. Your licence file [license.lic](#) belongs in the Profile folder of your program installation – it will be **of the form**:

- **Windows:**

c:\Users\[Name]\AppData\Roaming\SW[P]\Profiles\[cht11msu].default\license.lic

Please note that:

- For **standalone** systems, your licence file will be created automatically by Activating; you will see an “Activation Success” message (see [here](#))
- For **home use** systems attached to a campus-wide Site Licence, your installation will not work until your licence information has been forwarded to you by Email from your Site Licence Administrator (see [here](#)). Copy the entire licence Email to the clipboard, close Scientific Word/WorkPlace/Notebook, and re-open the program; this creates your licence file. To ensure the Site Licence Administrator can confirm your eligibility, please use your official company/University Email address when Activating in Step 6

To ensure you are correctly Activated, check you get the [gold seal](#) from Help – License Information

9. In tracking down any problems with compiling and showing the PDF, it helps to examine the log file. Please see our [December 2019](#) mailing Item 7 for how to find this
10. We recommend watching the videos on our v6.0 [Scientific Word](#) and [Scientific WorkPlace](#) pages, together with the [New Features](#) and [Demonstration Videos](#) pages. The manuals are available for download [here](#)

Christopher J. Mabb

19.iv.22

32-bit Mac up to OS 10.14 Mojave (for Windows instructions, see p1)

1. System requirements are as in our [April 2015 mailing](#) (Item 1)
2. Re-boot and make sure you are signed in to your computer as an Administrator
3. To install:
 - A. **TeX Live 2022** (this step A is required for Scientific Word and Scientific WorkPlace; it is not required for Scientific Notebook):
 - i. If you already have a folder `/usr/local/texlive` (Finder – Go – Go to Folder – `/usr/local/texlive`), first rename it (eg. to `/usr/local/texlivebackup`). This both keeps a backup of any existing TeX Live installation, and also gives TeX Live 2022 a fresh start.
 - ii. Go to the [TeX User Group MacTeX Distribution](#); click the [Unix Download](#) link in the middle of that page. Go to the third section, “Installing with the Unix Script” and, in the third paragraph, click the link to download [install-tl-unx.tar.gz](#) (about 6Mb). In Finder, go to your Downloads folder and double-click the downloaded file `install-tl-unx.tar.gz` to uncompress it. Drag the resulting folder, called something like `install-tl-20220418`, to your Home folder ([Mac-screenshot1](#)).
 - iii. Open a Terminal window from Finder – Applications – Utilities ([Mac-screenshot2](#)) and type `cd` followed by a space ([Mac-screenshot3](#)). Then drag the `install-tl-20220418` folder and drop it on to the Terminal window ([Mac-screenshot4](#)) followed by Carriage Return ([Mac-screenshot5](#)). On separate lines followed by Carriage Return, enter (either type, or copy-and-paste):


```
zsh
umask 0022
sudo perl install-tl -gui
```

 after which you will need to enter your password.
 - iv. At the Graphical User Interface, click Advanced ([Mac-screenshot6](#)) and, in the Selections section, click Change ([Mac-screenshot7](#)) to choose between the Full Scheme (7.5Gb), Medium Scheme (2.1Gb) and Small Scheme (700Mb). We recommend the Small or Medium Scheme ([Mac-screenshot8](#)); if there are any additional packages you need, you can always add them later using the TeX Live Utility (see our [May 2016 mailing](#) Item 4).
 - v. Then click Install ([Mac-screenshot9](#)). If it asks whether to “Import settings from previous TeX Live installation”, select No. The installation, which may take an hour or more, will show its progress as it installs the TeX Live components ([Mac-screenshot10](#)). Wait until you see the “Welcome to TeX Live!” message; when the installation has finished, click Close ([Mac-screenshot11](#)).
 - vi. Click the link [TeXDist-2022](#) to download the small install package. Find the downloaded file `TeXDist-2022.pkg` in your Downloads folder and drag it to the desktop. Double click to install it ([Mac-screenshot12](#), [Mac-screenshot13](#) and [Mac-screenshot14](#)).

B. Scientific Word/WorkPlace/Notebook:

- i. Download the Scientific Word/WorkPlace/Notebook v6.1 (Mac) program file [here](#).
- ii. We recommend first renaming any existing Scientific Word/WorkPlace/Notebook program file from /Applications/MacKichan/SW.app (or SWP.app, SNB.app) to, for example, SW6.0.30.app (SWP6.0.30.app, SNB6.0.30.app) so as to keep v6.0.30 as a backup.
- iii. Double-click the new downloaded v6.1.2 .tbz file in Downloads (Finder - Go - Downloads) to decompress it automatically using the MacOS tool Archive Utility.
- iv. The decompressed file will be SWP.app, SW.app, or SNB.app. Drag it to /Applications/MacKichan to install it; you may need to Authenticate this with your password. Avoid overwriting the previous version with the new one, in order to retain a backup (see ii above).

4. No longer required.

5. No longer required.

6. After installing Scientific Word/WorkPlace/Notebook you will need to Activate the program:

- **Mac:** Open the Finder and go to Applications – MacKichan – SWP/SW/SNB app, and right-click – Open – Open. (You could drag this SWP/SW/SNB app to the desktop so as to find it again more easily in future)

If, on opening Scientific Word/WorkPlace/Notebook, you get an error message like [this](#), click on OK and then open the side panel by clicking on the dotted line in the middle of the right hand side of the Scientific Word/WorkPlace/Notebook window; at the top, click the Actions dropdown that's level with MSI What's New, and select Close (like [this](#)). You can then close the right-hand side panel by clicking on the dotted line. This is a one-time fix.

Click Help – Activate and **type** (NOT copy and paste) your serial number, and your Email address for the return of your licence, followed by OK (see [here](#)).

After updating from a previous version, you may not need to re-Activate (see the final sentence of Step 8 to check whether your licence is Activated); but you should still open the program with right-click – Run-as-Administrator on the first occasion after installing/updating.

7. Exit and re-boot

8. Your licence file [license.lic](#) belongs in the Profile folder of your program installation – it will be **of the form:**

- **Mac:** ~/Library/Application Support/SW[P]/Profiles/[pu0ndlyk].default/license.lic

Please note that:

- For **standalone** systems, your licence file will be created automatically by Activating; you will see an “Activation Success” message (see [here](#))
- For **home use** systems attached to a campus-wide Site Licence, your installation will not work until your licence information has been forwarded to you by Email from your Site Licence Administrator (see [here](#)). Copy the entire licence Email to the clipboard, close Scientific Word/WorkPlace/Notebook, and re-open the program; this creates your licence file. To ensure the Site Licence Administrator can confirm your eligibility, please use your official company/University Email address when Activating in Step 6

To ensure you are correctly Activated, check you get the [gold seal](#) from Help – License Information

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