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# Flash Drives and File Management (Windows)

**Overview:** This class focuses on saving, moving, and retrieving any file on a Windows-based computer. We will learn how to add new folders to the computer, and rename both folders and individual files, with a focus on saving, renaming, and deleting documents (resumes, for example).

**Requirements:** Basic mouse skills – ability to move the mouse indicator around on the computer screen, and easily click and double click on items on the screen. A **personally-owned flash drive**.

#### Objectives

- The student will:
  - Understand computer memory measurements and relate this information to flash drives
  - Understand the basics of saving, storing, and retrieving files
    - Define File Management
    - Use drives and follow pathways
    - Rename Sample Pictures and move to New Folders
  - Create a simple Word Document
    - Open Microsoft Word
    - Save the document to the USB drive (flash drive)
    - Safely remove the hardware
    - Retrieve the existing file on the USB drive
  - Create a New Folder on the USB drive
    - Rename the folder
    - Move the Word Document into the New Folder
  - o Practice
- **Optional:**
- Copy files from the hard drive to the flash drive



#### **Computer Memory: Built-in Memory**

#### Hard Disk (C: drive, Hard Drive or Local Disk) – located in the computer. It is made of **platters** (a hard drive may have from 1 to 6 platters inside its sealed compartment)

This is a picture of the hard drive that is located inside the computer. You should never open the sealed case of the hard drive (you will ruin the data on the platters)

# Memory: Portable Memory

**Flash drives** (a.k.a. USB, thumb, removable disk, jump drive, or memory stick) plug into any available USB (Universal Serial Bus) port on the computer. They range in size from 64 to 512Gb (64Gb costs \$10 or less. 512Gb costs about \$50 or more). Most computers come equipped with 6 to 8 built-in USB ports.

USB symbol: all universal serial bus ports and plugs are identified with this symbol

Flash drives are the most current way to save personal computer files. One flash drive is usually sufficient to save everything you need (pictures, text files, etc). You should own a flash drive if possible.

Onedrive – The Cloud

A new and important addition to Office and Windows is the **Onedrive**. It is essentially an online backup storage place that gives you **5GB** of space for free (note that you must have Internet access to get your items from Onedrive).

It is important to understand what the Onedrive is, as the "new office suite allows the option of saving documents directly to OneDrive, enabling users to access their Office files across a variety of devices.

Users will also have the option of saving their documents locally or offline and then have them sync with OneDrive upon going online again" (Webopedia, 2013).

Save As Blain Barton's OneDrive Microsoft ecent Folders Blain Barton's OneDrive 1 k + https... + 9607d066e2123ad6 Other Web Locations New folde Computer This P( Add a Place Save as type: Word Document

ConeDrive





There are also SSD (Solid

State Drives) for sale, but they are about 1.5 times

traditional drives. They use integrated circuitry to store

more expensive than







USB plug and port



# Memory Space – What does it mean to you?

| Name     | Abbreviation | Size                                                                              |
|----------|--------------|-----------------------------------------------------------------------------------|
| Bit      | b            | 1 bit (on or off, 1 or 0, electricity or no electricity – it's the lowest unit of |
|          |              | measure – everything else is based on this)                                       |
| Byte     | B or b       | 8 bits – one typed letter (H)                                                     |
| Kilobyte | Kb           | 1000 bytes – about 1/2 page of text. 2KB is about 1page                           |
| Megabyte | Mb           | 1000 kilobytes – about 500 pages of text. 4Mb is about one digital                |
|          |              | photo or pop song                                                                 |
| Gigabyte | Gb           | 1000 megabytes – 1 Gb is about 250 photos, or about 2,000 ebooks.                 |
|          |              | 5Gb is <b>about</b> one DVD (Hollywood movie with extra features) A Blu-ray       |
|          |              | is about 27Gb.                                                                    |
| Terabyte | Tb           | 1000 gigabytes – about 225,000 digital photos or about 450 DVD                    |
|          |              | movies, 2 million ebooks                                                          |
| Petabyte | Pb           | 1000 terabytes – about 450,000 DVD movies (YIKES!) or 2 BILLION                   |
|          |              | ebooks                                                                            |

Above table based on the HowStuffWorks Web site (2009). DVD and Blu-ray info: Watson, 2010.

# File Management

So, computers store a tremendous amount of things in a very small area. How many things? "Amazon estimates the average size of a Kindle book to be around 2KB per page, including the cover image and any internal images (Kyrnin, 2013). **2KB per page** translates into about 500KB for a 250-page book. 500KB is actually quite small. 1GB would hold about 2,000 ebooks. The average Kindle has about 5GB of storage space. If all you had were books on the Kindle, it could hold about 10,000 ebooks.

Why on Earth am I getting into all this math and conversion? Because your average computer may have as much as a 3 **terabyte** hard drive. Just so we understand, **a 3TB hard drive** could hold 6,000,000 (**6 million**) ebooks. That hard drive **fits in the palm of your hand**.

For a bigger idea, the Library of Congress, founded by the donation of Thomas Jefferson's personal library and one of the largest libraries in the world today, has an estimated 37 million books (Library of Congress, 2017). That's on **838 miles of bookshelves** (Library of Congress, 2017).

You would need about 18 terabytes to contain this entire collection. Amazon.com offers a 6TB hard drive for \$180. So, for about \$540 (3 drives) you could have enough storage space for the entire book collection of the Library of Congress – and then some. Physically, **these 3 drives would weigh less than 8 pounds and fit easily into a plastic grocery bag**.



How do you find *anything* in this mess??

**File management** deals with storing and retrieving **any** file you may have on the computer. It is important to save your files and organize them in a way you understand so you may find them again!

It may help you to understand file management on the computer if we think of it in "real life:"

If you picture a **library building** (this is your **hard drive**) you quickly realize you need to find the **right shelving unit**. (called the **Parent Folder**)

Next, you need to find the **right shelf** (called the **Subfolder**) and open it.

Once you have the **right shelf** you need the **right book** (called the **Subfolder**) and open that.

Of course once you have the right folder you need to find the **right page in the book** (called a **file**) and finally, open it. This is the essence of file management!



# Follow Pathways to Find Files

Each **pathway** starts with a **drive letter**. Each **drive** on the computer is labeled with capital letters and a colon. For example:

**C:** (the hard drive/hard disk located inside the tower)

**D:** (**usually** a disk drive like a DVD or CD-RW) (It might be reserved for a System Recovery – a backup of files and drivers on your computer)

**E:** (**usually** a removable drive – a **flash** drive)

Within each of these drives are **folders** that you can use to organize your files.



Aside: The colon (:) tells the computer to look at the previous letter as the **drive** which is beginning of any **pathway**.

You can control and create new pathways in the **Windows Operating System** by using **File Explorer**. "File Explorer" is an information tool used by Windows-based operating systems that allows you to view data information related to the files on your computer.



Open it by clicking the icon from the Taskbar.



For your convenience you are also told what the drives actually are:

Hard Disk Drives: FOLDERS are on the hard drive (Desktop, Documents, Downloads, Music, Pictures, Videos)

ANYTHING YOU DOWNLOAD FROM THE INTERNET goes into the Downloads folder (pictures, videos, games, etc.)

**Devices and Drives**: These drives are also inside the computer but they allow you to save files to them and then you may take out the actual memory and carry it with you. Computers will **read** and **write** (play back/save to) removable devices. These computers have a **DVD RW drive (E:)** on them. This drive serves to both play back ("read") DVDs and also save to ("write") to them. To write to a DVD, you need to purchase a writeable DVD (regular DVDs are non-writeable).

The most common device you will use for removable storage is the **flash drive** (labeled **Removable Disk (F:)** here). It plugs into any **USB** port (Universal Serial Bus) and it's very easy to write and rewrite data on it (save/delete/save again). Once you have files on a flash drive, you may use the public workstations at any library to attach them to an email and send them off to potential employers.

In Windows, the main place you will use for file management is the "File Explorer" listing on the left side of the screen. The default location to Save In: is Documents for text files (like using Word); and the default location for picture files is Pictures.

Once we are in the correct drive, all we deal with are **folders**. There are **Parent Folders** and **Subfolders**. **Parent Folders** can be any folder that contains another folder. It may help to think of **Parent Folders** as the **drawer** of a filing cabinet. **Subfolders** would be represented by the actual manila colored folders inside the drawer.



#### **Renaming Pictures**

Look at the thumbnail of the picture and **right click** on it

Click **Rename** on the submenu

The original name is in **BLUE**. Just **type over** that name!

Make sure you press Enter to keep the name!

Since these folders (Pictures, Camera Roll and Saved Pictures) hold image files, you may think of them as "albums." In Windows, we have the **Pictures** (parent) folder, with subfolders. There are also two permanent folders under Pictures: **Camera Roll** and **Saved Pictures**. Think of it this way: if you have a smart phone, you have a **Gallery** for all your photos. It's the same for Windows 10, but they separate the pictures you may take with a **camera** (roll) and pictures you may **download** from the Internet (saved). Together, these folders make up a gallery (Microsoft just puts them into the Pictures folder, so as not to confuse users with yet another folder named **Gallery**).







Windows 7 was the last of the "stand alone" operating systems released by Microsoft. Originally released in July, 2009, it was an excellent system, but not really compatible with Android or Apple products (they did not "talk" to each other). When Windows 8 came out (August 2012), Microsoft attempted to fix this issue by having users log into a Microsoft account. Having an account allowed users to store documents and pictures in the Onedrive, hence the folders for Camera Roll and Saved Pictures. These folders, seen here in Windows 10, allows users to log into Microsoft accounts on different devices and still retrieve photos. This can only happen if the user knows the Microsoft login information! (user name and password!)



#### **Create and Rename New Folder**

| Once again, you want to be able | File Home                                          | Share View         |                         |        |
|---------------------------------|----------------------------------------------------|--------------------|-------------------------|--------|
| to view your flash drive under  | * 🖻                                                |                    |                         |        |
| the File Explorer information   | Pin to Quick Copy                                  | Paste              | tore Copy Delete Rename | New    |
| tool. Click on Home and click   | C                                                  | ipboard            | Organize                | Tolder |
| new folder.                     | $\leftarrow$ $\rightarrow$ $\checkmark$ $\uparrow$ | This PC > Pictures | >                       |        |

Notice that the words **new folder** are in blue. You may now type in a new name for this folder.

Press the **Enter Key** to make the new name of the folder permanent.



Once you've created and named the new folder, you may **drag and drop** the picture file into the folder. Place your mouse on top of the picture, click and hold your (left) mouse button, and drag the file onto the folder. Release the mouse button. Voilà! The picture is in the folder!



# Copy Files from Hard Drive to Flash Drive

Start in the **hard drive** window with the **Sample Pictures** folder. Move your mouse over the folder, click and hold the mouse button, and move the file to the **flash drive** in the navigation pane on the left. You will see the **Copy to: Removable Disk** tool tip on your screen. Let up on the mouse button.



# Safely Remove Hardware

These steps are extremely important. You should follow these steps each and every time you disconnect your flash drive from any computers!

Locate the correct icon in the system tray. The system tray is in the lower right corner of your computer screen near the date and time.

Click once on the icon.

This submenu opens. Click once on your flash drive (labeled "Store n Go Clip-it" here).

When the **Safe To Remove Hardware** balloon pops up, pull your flash drive out of the port.



# Retrieve the File from the USB Drive

Plug USB drive into proper port on computer

# Click "**Open folders to view files**" in the auto play dialog box





If Auto Play doesn't pop up on the screen, double click "File Explorer"



# Saving a Document – Save Early and Save Often!

The easiest way to save a document is to use the Quick Access Toolbar



Click the Save Button

If this is the first time you are saving a document, the Save As dialog box will appear on the screen:

| Computer 🕨 🕻                                                                                                                            | Pa        | thway (aka Address B | ar) 🚽 😽 Searc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | h CLIP-IT ( | (F;) |  |
|-----------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------|--|
| Organize 🔻 New folder                                                                                                                   |           |                      | ,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |      |  |
| <ul> <li>Documents</li> <li>Music</li> <li>Pictures</li> <li>Videos</li> </ul>                                                          | Name      | Date modified        | Туре                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Size        |      |  |
| Computer<br>Computer<br>Solution<br>CS (C:)<br>READER (D:)<br>CLIP-IT (F:)<br>Staylor (\\DELL2600\c<br>netdrive (\\DELL2600;<br>Network | Location  |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |      |  |
| File name: Chapter On                                                                                                                   | File Name |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |      |  |
| Authors: Sara Taylor                                                                                                                    | Tag       | gs: Add a tag        | Title: Add a title                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |      |  |
| 🕅 Save Thur                                                                                                                             | nbnail    |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |      |  |
|                                                                                                                                         |           |                      | and the second se |             |      |  |

You need to tell the computer the following information:

\*\*Where to **Save** the file – be sure to choose **your USB drive** from the task pane on the left.

File Name: remember this so you may find the document again

| <b>Sometimes</b> it is necessary to<br>change the type of file. If you need<br>to do this, click the upside-down<br>triangle and choose another type<br>(most often it will be the <b>Word 97-</b> | / | Save as type:<br>Authors: | Word Document<br>Word Document<br>Word Macro-Enabled Docum<br>Word 97-2003 Document<br>Word Template<br>Word Macro-Enabled Templat |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| 2003 Document type                                                                                                                                                                                 |   |                           | Word Macro-Enabled Templat<br>Word 97-2003 Template                                                                                |

\*\*If you'd like to save multiple copies of the same document, you may choose the **File Tab > Save As** and rename the document as often as you wish. You may want to save your FINAL COPY of a Word document as a **PDF** (Portable Document Format). This format is readable by any computer with a free copy of Adobe Reader. Most computers have this program; **I consider the PDF the "safest" format for resumes.** Even if a company doesn't have your version of Word, they probably have Adobe Reader, so they can see your resume attachment. Last, but not least, PDFs are not changeable. Without the Adobe Acrobat program, no one can edit a PDF. This means that you will need to save twice for a PDF: Once as a Word document, and once as a PDF.

| CLOSE WORD CLOSE WORD CLOSE WORD |
|----------------------------------|
|----------------------------------|

# **Create and Rename New Folder**





### References

- Kyrnin, J. (2013). File Sizes for Kindle Books. Retrieved from About.com Web Site: <u>http://webdesign.about.com/od/mobi/a/kindle-file-sizes.htm</u>.
- Library of Congress. (2015). Fascinating Facts. Retrieved from LOC.GOV Web Site: <u>https://www.loc.gov/about/fascinating-facts/</u>.
- Webopedia. (2013). SkyDrive Definition. Retrieved from: http://www.webopedia.com/TERM/S/skydrive.html.
- Wikipedia. (2013). Library of Congress. Retrieved from Wikipedia.org Web Site: <u>http://en.wikipedia.org/wiki/Library\_of\_Congress</u>.
- Wikipedia. (2017). Solid State Drives. Retrieved from Wikipedia.org Web Site: <u>https://en.wikipedia.org/wiki/Solid-state\_drive</u>.

Resources \*\*These items are available in the NIOGA Library System!\*\* \*\*Contact your local library for assistance!\*\*

| Author       | Title                               |
|--------------|-------------------------------------|
| McFedries, P | Windows 11 Simplified               |
| McFedries, P | Teach Yourself Visually: Windows 11 |
| Reed, J      | Microsoft 365 for Dummies           |
| Wang, W      | Office 2016 for Dummies             |

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#### Windows Desktop and Start Menu



#### Start Menu

Open the Start Menu: Click the **Start** button on the taskbar; or, press the **Key**.

View All Apps: Click the All Apps button in the Start menu.

Pin an App to the Start Menu: Right-click an app in the All Apps list and select  $\stackrel{>}{\sim}$  Pin to Start.

Pin an App to the Taskbar: Right-click an app in the All Apps list and select A Pin to Taskbar.

Unpin an App from the Start Menu: Right-click an app in the Pinned group and select ※ Unpin from Start.

Lock Your Computer: Click your User Icon button and select Lock.

Sign Out of Windows: Click your User Icon button and select Sign Out.

Switch Users: Click your User Icon button and select another user.

Put Your PC to Sleep: Click the <sup>(1)</sup> Power button and select *∂* Sleep.

Shut Down or Restart Your PC: Click the  $\bigcirc$  Power button and select either  $\bigcirc$  Shut down or  $\bigcirc$  Restart.

#### Apps

Launch an App: Click the app's icon in the Pinned group in the Start menu; or, click the All Apps button in the Start menu, scroll through the list of apps, and select the app you want to open.

Search for an App: Click the <sup>D</sup> Search button on the taskbar and type the name of the app you want to open.

Jump to an Open App: Click the G Task View button on the taskbar and select an open app; or, press + Tab.

Note: You can also right-click an app in Task view to see additional options for viewing and closing the app.

Install an App: Click the Microsoft Store icon on the taskbar. Browse or search for the app you want and click it. Click Get to install a free app or Buy to install a paid app.

Update an App: Click the Microsoft Store icon on the taskbar and click the Library tab in the bottom-left corner of the window. Click the Get updates button at the top of the window.

Uninstall an App: Right-click an app's icon in the Pinned group in the Start menu or in the All Apps list, then select (Dininstall.

# **Keyboard Shortcuts**

Customeuide

Free Quick References Visit ref.customquide.com

#### General

your logo

| Open the Start Menu     |          |
|-------------------------|----------|
| Copy a file or folder   | Ctrl + C |
| Cut a file or folder    | Ctrl + X |
| Paste a file or folder  | Ctrl + V |
| Quick Settings Menu     | + A      |
| Task view               | # + Tab  |
| Close an app            | Alt + F4 |
| Lock computer           |          |
| Print                   | Ctrl + P |
| Open File Explorer      |          |
| Open the Run dialog box | + R      |
| Open the Task Manager   | Esc      |
| Capture screenshot      | + PrtScn |
| Open Search             |          |
| Open Narrator           | Enter    |
|                         |          |

#### Settings Shortcuts

| System settings                   |              |
|-----------------------------------|--------------|
| Accessibility Settings            | 🖬 + U        |
| Voice Typing                      | 🖩 + H        |
| Cast pane                         | 🖬 + K        |
| Display options for second screen | <b>#</b> + P |
| Quick Link menu                   | 🖬 + X        |

#### **Desktop Shortcuts**

| Show/hide desktop                     |                         |
|---------------------------------------|-------------------------|
| Maximize window                       | 🗰 + 🕇                   |
| Minimize/Restore window               |                         |
| Minimize all windows                  |                         |
| Snap window to left                   | → + <b>Ш</b> + <b>←</b> |
| Snap window to right                  | ∎ + →                   |
| Snap Layouts Menu                     | 🖩 + Z                   |
| View open apps                        | Ctrl + Ait +<br>Tab     |
| Switch between apps                   | Alt + Tab               |
| New desktop                           |                         |
| Switch desktops                       | III + Ctrl +<br>← / →   |
| Close active desktop                  | # + Ctrl + F4           |
| Peek at the desktop                   | 💵 + ,                   |
| Minimize all but the<br>active window | + Home                  |
| Refresh active window                 | F5                      |

#### The Fundamentals

View the Notification Center: Click the Date and Time on the right end of the taskbar. Notifications are grouped by the app that triggered them.

- Click a notification to open it in the associated app.
- Click a notification's × Clear button to clear the notification.
- Click an app's × Clear button to clear all that app's notifications.
- Click the Clear All button to clear all notifications at once.

View the Quick Settings Menu: Click the Network, Volume, and Battery icons in the system tray.

- Click a feature's button to toggle that feature on or off.
- Click and drag the <sup>(b)</sup> Brightness slider to adjust screen brightness.
- Click and drag the 40 Volume slider to adjust system audio volume.

Connect to a Wireless Network: Click the Network, Volume, and Battery icons in the system tray to open the Quick Settings menu, click the > Manage Wi-Fi Connections button (next to the @ Wi-Fi toggle button), select a network from the list, click Connect, enter the network's password, then click Next.

Add a Virtual Desktop: Click the C Task View button on the taskbar, then click the New Desktop button.

Switch Between Virtual Desktops: Click the t Task View button on the taskbar, then select another virtual desktop from the row of desktops along the bottom of the screen; or, press + Ctrl + ← or → to cycle through virtual desktops.

Rename a Virtual Desktop: Click the Task View button on the taskbar, rightclick a desktop thumbnail, select Rename, enter a new name, then press Enter.

#### Folders and Files

Open File Explorer: Click the File Explorer icon on the taskbar. Double-click a file or folder to open it.

Move or Copy Files and Folders: Select the file or folder you want to move, then click the & Cut button (to move) or the C Copy button (to copy) on the toolbar. Navigate to the folder you want to move or copy the file or folder to, then click the C Paste button.

Rename Files and Folders: Select the file or folder you want to rename in File Explorer and click the D Rename button on the toolbar. Type a new name for the file or folder, then press Enter.

#### Folders and Files

Delete Files or Folders: Select the file or folder you want to rename in File Explorer and click the  $\widehat{\textcircled{}}$  Delete button on the toolbar.

Search in a Folder: Click in the Search field in the upper-right corner of the File Explorer window. Type a search term, then press Enter.

Sort lcons: Click the <sup>↑</sup> Sort button on the toolbar, then select a sorting method (name, type, date modified, etc.). Click the <sup>↑</sup> Sort button again and select a sort order (ascending or descending).

File Explorer Views: Click the View button on the toolbar. Use the options here to change how your files are viewed—as a grid of icons, simple or detailed lists, or tiles that display a file's contents.

Compress Files or Folders: Select the files or folders you want to compress, then click the ••• See More button on the toolbar. Select Compress to ZIP file, type a name for the compressed folder, then press Enter.

Create a Shortcut: Right-click the file or folder you want to create a shortcut to, select Show More Options, then select Create Shortcut. Move the shortcut to the desktop, or another folder.

Restore a Deleted File or Folder: Double-click the Recycle Bin icon on the desktop. Select the file(s) or folder(s) you want to restore, then click the D Restore the Selected Items button on the toolbar.

Restore All Deleted Files and Folders: Doubleclick the **Recycle Bin** icon on the desktop, then click the 원 **Restore All Items** button on the toolbar.

Empty the Recycle Bin: Double-click the Recycle Bin icon the desktop and click the Empty Recycle Bin button on the toolbar; or, right-click the Recycle Bin icon and select Empty Recycle Bin.

Connect to a Network Computer: Click the Network category in the File Explorer Navigation Pane to expand it, then double-click the computer you want to connect to. Enter a user name and password for a user on that computer, then click **OK**.

#### Personalize Windows

Change the Desktop Background: Click the **Start** button and open the **Settings** app. Click **Personalization**, then click **Background**. Use the options here to select a new background color or image.

Customize the Lock Screen: Click the Start button and open the Settings app. Click Personalization and then click Lock Screen. Use the options here to select a new background image and status information.

#### Maintain Your Computer

Pair a Bluetooth Device: Click the Start button and open the Settings app. Click Bluetooth & Devices, click the Add Device button, click Bluetooth, select a device, then click Done.

Connect a Paired Bluetooth Device: Click the Start button and open the Settings app. Click Bluetooth & Devices, click the More Options button for a paired device, then select Connect.

Disconnect a Paired Bluetooth Device: Click the **Start** button and open the **Settings** app. Click **Bluetooth & Devices**, click the : **More Options** button for a connected device, then select **Disconnect**. You can also select **Remove Device**, then click **Yes** to unpair the device.

Check for Windows Updates: Click the Start button and open the Settings app. Click Windows Update and then click the Check for updates button.

Open the Task Manager: Right-click the Start button and select Task Manager; or, press Ctrl + Shift + Esc. If a task is no longer responding, select it and click End task.

View Power and Battery Settings: Click the Network, Volume, and Battery icons in the system tray to open the Quick Settings menu, then click the **B** Battery icon. Adjust the time needed for your display and computer to sleep, adjust power modes, and configure Battery Saver mode here.

Adjust App Privacy Permissions: Click the **Start** button, open the **Settings** app, and click **Privacy & Security**. Click a specific permission category (location, camera, microphone, etc.) to choose which apps can and cannot access that data.

Keep Windows Secure: Click ^ Show Hidden Icons in the system tray (if necessary), then click the • Windows Security icon; or, in the Settings app, click Privacy & Security, click Windows Security, then click the Open Windows Security button.

Some of the categories available that will help ensure Windows is secure include:

- Virus & threat protection checks your computer for viruses and other malicious files.
- Firewall & network protection configures network firewalls for both private and public networks to keep your computer safe from network attacks.
- App & browser control configures warnings for suspicious files, applications, and websites that you download and visit.
- Device performance & health keeps track of system, software, and driver updates, while monitoring storage space and battery life.