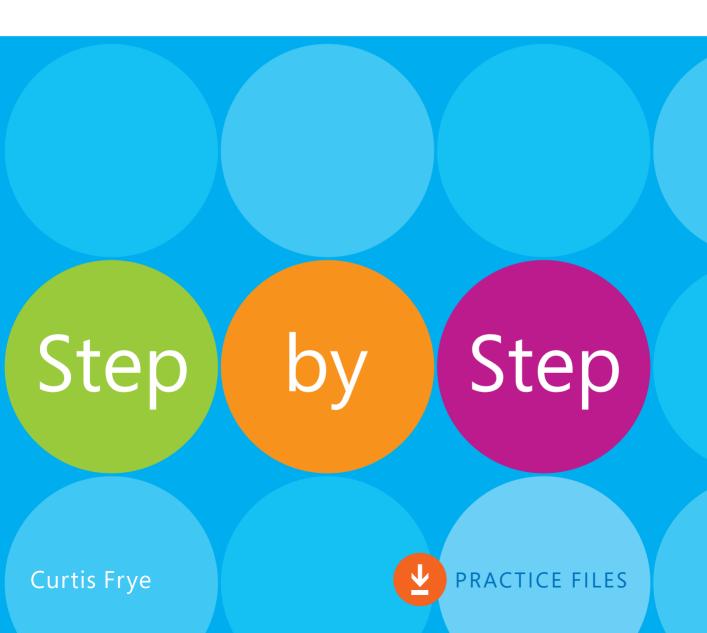


# Microsoft OneNote





# Microsoft OneNote Step by Step

PUBLISHED BY Microsoft Press A division of Microsoft Corporation One Microsoft Way Redmond, Washington 98052-6399

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Library of Congress Control Number: 2015938173

ISBN: 978-0-7356-9781-2

Printed and bound in the United States of America.

First Printing

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# Introduction

Welcome! This *Step by Step* book has been designed so you can read it from the beginning to learn about Microsoft OneNote and then build your skills as you learn to perform increasingly specialized procedures. Or, if you prefer, you can jump in wherever you need ready guidance for performing tasks. The how-to steps are delivered crisply and concisely—just the facts. You'll also find informative, full-color graphics that support the instructional content.

## Who this book is for

Microsoft OneNote Step by Step is designed for use as a learning and reference resource by home and business users of Microsoft Office apps who want to use OneNote to take and organize project notes; add images, shapes, and handwriting to notes; share notes with friends and colleagues; and embed Microsoft Excel spreadsheets in notes to manage data and create useful visualizations. The content of the book is designed to be useful for people who have previously used earlier versions of OneNote and for people who are discovering OneNote for the first time.

# The Step by Step approach

The book's coverage is divided into chapters representing OneNote skill set areas, and each chapter is divided into topics that group related skills. Each topic includes expository information followed by generic procedures. At the end of the chapter, you'll find a series of practice tasks you can complete on your own by using the skills taught in the chapter. You can use the practice files that are available from this book's website to work through the practice tasks, or you can use your own files.

# Download the practice files

Before you can complete the practice tasks in this book, you need to download the book's practice files to your computer from <a href="http://aka.ms/OneNoteSBS/downloads">http://aka.ms/OneNoteSBS/downloads</a>. Follow the instructions on the Downloads tab.



**IMPORTANT** OneNote is not available from the book's website. You should install that app before working through the procedures and practice tasks in this book.

The practice file folder for each chapter includes a OneNote notebook (and sometimes additional practice files). Each notebook has a section for each set of practice tasks in that chapter. After you download the practice files, you can open the notebooks directly from the practice file folders, and close them after you complete the practice tasks.



**SEE ALSO** For information about opening and closing notebooks, see "Create and manage OneNote notebooks" in Chapter 1, "Manage notebooks, sections, and pages."

OneNote automatically saves changes that you make to the notebooks. If you later want to repeat practice tasks, you can download the original practice files again.

The following table lists the practice files for this book.

Chapter	Folder	Notebooks and files
1: Manage notebooks, sections, and pages	Ch01	OneNoteSBS_Ch01
2: Create and format notes	Ch02	OneNoteSBS_Ch02
3: Work with your notes	Ch03	OneNoteSBS_Ch03 LevelDescriptions.docx WineryLandscape.jpg
4: Add ink and shapes to a notebook	Ch04	OneNoteSBS_Ch04
5: Review and password-protect notebook text	Ch05	OneNoteSBS_Ch05
6: Manage views, windows, and page versions	Ch06	OneNoteSBS_Ch06 LevelDescriptions.docx
7: Organize notes by using tags and categories	Ch07	OneNoteSBS_Ch07
8: Print and share notebooks and pages	Ch08	OneNoteSBS_Ch08
9: Use OneNote with Outlook and Excel	Ch09	OneNoteSBS_Ch09 IdentifyTrends.xlsx
10: Manage OneNote options and the interface	Ch10	None
11: Enhance OneNote by using the Onetastic add-in	Ch11	OneNoteSBS_Ch11

### **Ebook** edition

If you're reading the ebook edition of this book, you can do the following:

- Search the full text
- Print
- Copy and paste

You can purchase and download the ebook edition from the Microsoft Press Store at http://aka.ms/OneNoteSBS/details.

# Get support and give feedback

This topic provides information about getting help with this book and contacting us to provide feedback or report errors.

#### Errata and support

We've made every effort to ensure the accuracy of this book and its companion content. If you discover an error, please submit it to us at <a href="http://aka.ms/OneNoteSBS/errata">http://aka.ms/OneNoteSBS/errata</a>.

If you need to contact the Microsoft Press Support team, please send an email message to *mspinput@microsoft.com*.

For help with Microsoft software and hardware, go to http://support.microsoft.com.

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The survey is short, and we read every one of your comments and ideas. Thanks in advance for your input!

#### Stay in touch

Let's keep the conversation going! We're on Twitter at http://twitter.com/MicrosoftPress.

## Adapt exercise steps

This book contains many images of the OneNote user interface elements (such as the ribbon and the app window) that you'll work with while performing tasks in OneNote on a Windows computer. Depending on your screen resolution or app window width, the OneNote ribbon on your screen might look different from the one shown in this book. As a result, procedural instructions that involve the ribbon might require a little adaptation.

Simple procedural instructions use this format:

1. On the **Insert** tab, in the **Time Stamp** group, click the **Time** button.

If the command is in a list, the instructions use this format:

1. On the **Draw** tab, in the **Edit** group, click the **Arrange** button and then, in the **Arrange** list, click **Bring Forward**.

If differences between your display settings and mine cause a button to appear differently on your screen than it does in this book, you can easily adapt the steps to locate the command. First click the specified tab, and then locate the specified group. If a group has been collapsed into a group list or under a group button, click the list or button to display the group's commands. If you can't immediately identify the button you want, point to likely candidates to display their names in ScreenTips.

Multistep procedural instructions use this format:

- 1. To select the images that you want to move forward, hold down the **Ctrl** key and click the images.
- 2. On the **Draw** tab, in the **Edit** group, click the **Arrange** button to display a menu of arrangement options.
- 3. On the Arrange menu, click Bring Forward.

On subsequent instances of instructions that require you to follow the same process, the instructions might be simplified in this format because the working location has already been established:

- 1. Select the images you want to move backward.
- 2. On the Arrange menu, click Send Backward.

The instructions in this book assume that you're interacting with on-screen elements on your computer by clicking (with a mouse, touchpad, or other hardware device). If you're using a different method—for example, if your computer has a touchscreen interface and you're tapping the screen (with your finger or a stylus)—substitute the applicable tapping action when you interact with a user interface element.

Instructions in this book refer to OneNote user interface elements that you click or tap on the screen as *buttons*, and to physical buttons that you press on a keyboard as *keys*, to conform to the standard terminology used in documentation for these products.

When the instructions tell you to enter information, you can do so by typing on a connected external keyboard, tapping an on-screen keyboard, or even speaking aloud, depending on your computer setup and your personal preferences.

# Work with your notes

3

Many of the notes you make in your OneNote notebooks will consist of text that you type or write onto a page. If you want to make a quick note without opening OneNote, you can do so by using tools on the Windows taskbar. After you create the quick note, you can add it to your notebook. You can also organize your data by using tables, attach files and printouts, and add images to help make your notes clear.

If you want to create a clickable link to an outside source, such as a webpage, file, or location within a OneNote notebook, you can do so. You can also add media content by recording an audio or video note, identify when you made a note by adding a time and date stamp, and capture mathematical information by using symbols and equations.

This chapter guides you through procedures related to creating quick notes, adding tables, attaching files and printouts, adding images and screen clippings, creating links to resources, recording audio and video notes, inserting time and date stamps, and adding symbols and equations.

## In this chapter

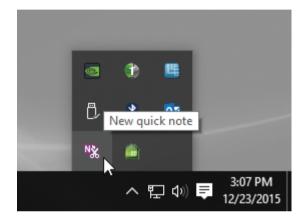
- Create quick notes
- Add tables
- Attach files and printouts
- Add images and screen clippings
- Create links to resources
- Record audio and video notes
- Insert time and date stamps
- Add symbols and equations

#### Practice files

For this chapter, use the practice files from the OneNoteSBS\Ch03 folder. For practice file download instructions, see the introduction.

# Create quick notes

Great ideas come from articles you read, videos you watch, and associations you make when you're doing other work. You can capture those ideas in OneNote by creating a quick note. Installing OneNote adds the OneNote icon (an icon of the letter *N* with a pair of scissors) to the hidden icons tray on the Windows taskbar. The default behavior of this icon is to create a quick note when it is clicked.



Use the OneNote icon to create a quick note

When you create a new quick note, OneNote opens a small window where you can enter your note and format its text.



**TIP** You can change the behavior of the icon in the tray on the Windows taskbar so that clicking it takes a screen clipping or opens the full OneNote app.

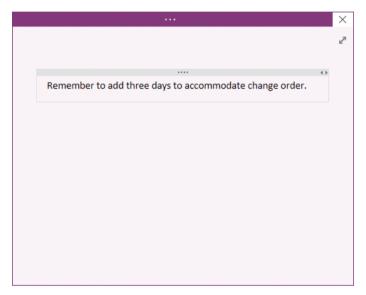
After you create a quick note from Windows, you can view it within your OneNote notebook, copy it to a new location in OneNote, or get rid of it entirely. You can also use the OneNote icon's options to capture a screen clipping, which is an image of a portion of your computer display.



**SEE ALSO** For more information about working with screen clippings, see "Add images and screen clippings" later in this chapter.

#### To create a quick note

- 1. Do either of the following:
  - On the Windows taskbar, click the Show hidden icons arrow, and then click the OneNote icon.
  - Press Windows logo key+N.
- 2. In the quick note window, type or write the note's text.



Add text to a quick note without starting the main OneNote app

3. Click the **Close** button in the upper-right corner of the quick note window to close the window.

#### To format a quick note

- 1. Click the **Auto-Hide Ribbon** button (the three dots) at the center of the quick note window's title bar to display the ribbon.
- 2. Use the buttons on the ribbon tabs to format your quick note's contents.

#### To open a quick note in its OneNote page

- 1. Click the **Normal View** button (the two-headed arrow) in the upper-right corner of the quick note.
- 2. Browse your OneNote notebooks and tabs to see where your Quick Notes tab is.
- 3. Right-click the page name, **Untitled page**, click **Rename**, type a new name for the page, and press **Enter**.

TIP If you have OneNote open, this might open a second instance. When your quick note appears as a page in OneNote, you'll know it's a quick note because it has a pink or salmon-colored background (instead of white), and it won't have the page title section at the top like the other OneNote pages.

#### To change the default quick note operation

- 1. On the Windows taskbar, click the **Show hidden icons** button, right-click the **OneNote** icon, point to **OneNote icon defaults**, and click one of these options:
  - New quick note
  - Open OneNote
  - Take screen clipping

#### To turn off quick notes

1. On the Windows taskbar, click the **Show hidden icons** button, right-click the **OneNote** icon, and then click **Close**.

#### To view a quick note within a notebook

- 1. Open a notebook.
- Click the Click to view other notebooks button in the upper-left corner of the screen (the button displays the name of your notebook and a downwardpointing arrow).
- 3. At the bottom of the list, click Quick Notes.

## Add tables

One of the strengths of OneNote is that you can use it to type or write notes anywhere on a page, creating layouts that capture the information you want to retain and displaying the notes in a way that helps you process what you learned. Some data, however, is more suited to a table, with well-defined rows and columns.

Friday, Novemb	per 6, 2015	11:12 PM
Category	Volume	
Ground	305,902	
3Day	171,547	
2Day	143,861	
Overnight	34,003	

Use tables to organize numerical data

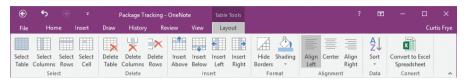
When you create a table, you specify the number of rows and columns it will contain. After your table is in place, you can add or remove rows or columns, change the height of a row or the width of a column, and select columns or rows so you can format or delete their contents in one action.



**TIP** One common way to format table column headers (the top row) is to align their text with the center of the column and add bold formatting.

You can change the appearance of your table's text by selecting the cells you want to format and applying the formatting you want. If you want to affect the table as a whole, such as by showing or hiding cell borders or adding a background color to

selected table cells, you can do so quickly. You can also format the position of text within a cell, aligning the text with the left edge, center, or right edge of a cell.

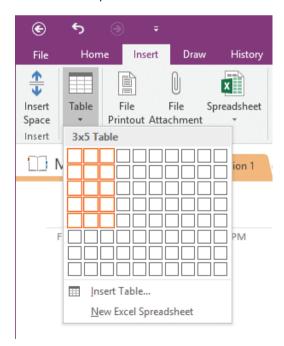


Use the Table Tools Layout tool tab to edit and format your table

If you record business data in a notebook, such as monthly sales for various departments, you might find it useful to sort the data based on the contents of a column. You can sort from the largest value to the smallest, or smallest to largest, as your analysis requires. To focus on a subset of your data, you can also sort a subset of the rows in your table.

#### To create a table

- 1. Click on the page where you want to insert the table.
- 2. On the **Insert** tab of the ribbon, in the **Tables** group, click **Table**, and then click the box that represents the number of columns and rows you want in your table.



Select the number of rows and columns to include in your table

- 1. Click on the page where you want to insert the table.
- 2. On the Insert tab, in the Tables group, click Table, and then click Insert Table.
- 3. In the **Insert Table** dialog box, in the **Number of columns** box, enter the number of columns you want in your table.
- 4. In the **Number of rows** box, enter the number of rows you want in your table.
- Click OK.

#### To enter or edit the contents of a table cell

- 1. Click in the cell where you want to enter or edit content.
- 2. Use data entry, editing, and formatting techniques, such as typing, pasting, and inserting attachments or images, to change the content of the cell.

#### To move within a table

- 1. Use any of the following techniques to move within a table:
  - Press **Tab** to move one cell to the right.

TIP Pressing Tab when you are in the last cell in a row selects the cell at the start of the row below the active row. If you are in the last cell of the table, pressing Tab creates a new row.

- Press Shift+Tab to move one cell to the left. (The cursor stops when you
  reach the first cell.)
- Press an arrow key to move in the direction of the arrow (left, right, up, or down), as follows:
  - Press the Right Arrow key when the cursor is in the last cell in a row to select the cell at the start of the row below the active row.
  - If there is a line of text already below the table, press the **Right Arrow** key in the last cell of the table to move below the table. (If the table is at the bottom of the active note, the cursor stops in the last cell of the table.)
  - In any cell in the bottom row of the table, press the **Down Arrow** key to move below the table. (If the table is at the bottom of the note, this action creates a new line.)

- Press the **Left Arrow** key when the cursor is in the first cell in a row to select the cell at the end of the row above the active row
- If the cursor is in the first cell of the table, press the Left Arrow or Up Arrow key to move to the line above the table.

#### To select a table cell

- 1. Click in the cell you want to select.
- 2. Do either of the following:
  - On the Layout tool tab, in the Select group, click Select Cell.
  - Press Ctrl+A twice



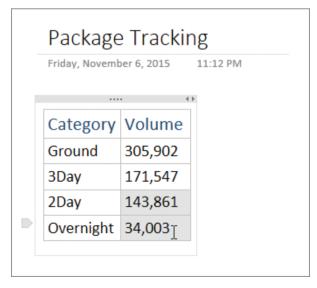
**TIP** Double-click a word in a cell to select just the word. Triple-click in a cell to select all the content within that cell. If you click the very left of a cell, before any characters, you can't select the word or the cell content.

#### Or

1. Right-click in the cell you want to select, point to **Table**, and then click **Select Cell**.

#### To select multiple table cells

1. Click within the first table cell you want to select, and then drag the pointer to select the cells.



#### To select the entire table

- 1. Click any cell in the table.
- 2. Do either of the following:
  - On the Layout tool tab, in the Select group, click Select Table.
  - Press Ctrl+A four times.

Or

1. Right-click any cell in the table, point to **Table**, and then click **Select Table**.

#### To select a table column

- 1. Click any cell in the column you want to select.
- 2. On the Layout tool tab, in the Select group, click Select Columns.

Or

- 1. Point to the area just above the top of the column you want to select.
- 2. After your cursor changes to a black downward-pointing arrow, click the column.

Or

1. Right-click any cell in the column you want to select. Point to **Table**, and then click **Select Columns**.

#### To select multiple table columns

- 1. Select cells in the columns you want to select.
- 2. Do either of the following:
  - On the Layout tool tab, click Select Columns.
  - Right-click the selected cells, point to **Table**, and then click **Select Columns**.

#### To select a table row

- 1. Click any cell in the row you want to select.
- 2. Do either of the following:
  - On the Layout tool tab, in the Select group, click Select Rows.
  - Press Ctrl+A three times.

- 1. Point to the row you want to select.
- 2. Click the item indicator to the left of the row.

#### Or

 Right-click any cell in the row you want to select. Point to Table, and then click Select Rows.

#### To select multiple table rows

- 1. Select cells in the rows you want to select.
- 2. Do either of the following:
  - On the Layout tool tab, click Select Rows.
  - Right-click the selected cells, point to **Table**, and then click **Select Rows**.

#### To insert a table row

- 1. Click a cell in the row above or below where you want to insert the row.
- 2. On the **Layout** tool tab, in the **Insert** group, do either of the following:
  - Click **Insert Above** to insert a row above the row that contains the active cell.
  - Click **Insert Below** to insert a row below the row that contains the active cell.

#### Or

- 1. Right-click a cell in the row above or below where you want to insert the row.
- 2. Point to **Table**, and do either of the following:
  - Click Insert Above to insert a row above the row that contains the active cell.
  - Click Insert Below to insert a row below the row that contains the active cell.

#### To insert multiple table rows

- 1. Above or below where you want to insert the rows, select cells in the same number of rows as the rows you want to insert.
- 2. On the **Layout** tool tab, in the **Insert** group, do either of the following:
  - Click **Insert Above** to insert the rows above the selected cells' rows.
  - Click **Insert Below** to insert the rows below the selected cells' rows.

Or

- 1. Above or below where you want to insert the rows, select cells in the same number of rows as the rows you want to insert.
- 2. Right-click the selected cells, point to **Table**, and do either of the following:
  - Click Insert Above to insert rows above the rows that contain the active cells
  - Click Insert Below to insert rows below the rows that contain the active cells.

#### To insert a table column

- 1. Click a cell in the column to the left or right of where you want to insert the new column.
- 2. On the **Layout** tool tab, in the **Insert** group, do either of the following:
  - Click **Insert Left** to insert a column to the left of the column that contains the active cell.
  - Click **Insert Right** to insert a column to the right of the column that contains the active cell.

Or

- 1. Right-click a cell in the column to the left or right of where you want to insert the new column.
- 2. Point to **Table**, and do either of the following:
  - Click Insert Left to insert a column to the left of the column that contains the active cell.
  - Click **Insert Right** to insert a column to the right of the column that contains the active cell.

#### To insert multiple table columns

- 1. To the left or right of where you want to insert the columns, select cells in the same number of columns as the columns you want to insert.
- 2. On the **Layout** tool tab, in the **Insert** group, do either of the following:
  - Click Insert Left to insert the columns to the left of the selected columns.
  - Click **Insert Right** to insert the columns to the right of the selected columns.

Or

- 1. To the left or right of where you want to insert the columns, select cells in the same number of columns as the columns you want to insert.
- 2. Right-click the selected cells, point to **Table**, and do either of the following:
  - Click **Insert Left** to insert the columns to the left of the columns that contain the active cells.
  - Click **Insert Right** to insert the columns to the right of the columns that contain the active cells.

#### To hide or show table borders

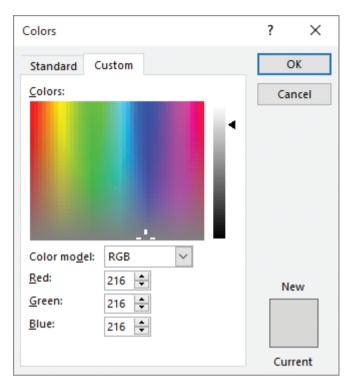
- 1. Click any cell in the table.
- 2. On the Layout tool tab, in the Format group, click Hide Borders.

#### Or

1. Right-click any cell in the table, point to **Table**, and then click **Hide Borders**.

#### To change the background color of table cells

- 1. Select the cells to which you want to apply the formatting.
- 2. Do either of the following:
  - On the Layout tool tab, in the Format group, click Shading.
  - Right-click the selected cells, point to **Table**, and then point to **Shading**.
- 3. Do either of the following:
  - In the palette that appears, click the color you want to apply.
  - Click More Colors to open the Colors dialog box. Select a new color, and then click OK.



Select precise colors by using the Colors dialog box

#### To change the alignment of a table cell's contents

- 1. Select the table cells you want to format.
- 2. On the **Layout** tool tab, in the **Alignment** group, click an alignment option (**Align Left, Center**, or **Align Right**), to apply it to the selected cells.

#### To sort data based on a table column's values

- 1. Click any cell in the column you want to sort.
- 2. Do either of the following:
  - On the Layout tool tab, in the Data group, click Sort.
  - Right-click the cell, and point to **Table**.

- 3. Do either of the following:
  - Click **Sort Ascending** to sort the table's rows in ascending order (smallest to largest) based on the values in the column.
  - Click **Sort Descending** to sort the table's rows in descending order (largest to smallest) based on the values in the column.

#### To sort selected values only

- 1. Select the cells in the rows you want to sort.
- 2. Do either of the following:
  - On the Layout tool tab, in the Data group, click Sort, and then click Sort
     Selected Rows
  - Right-click the selected cells, point to **Table**, and then click **Sort Selected Rows**.
- 3. In the **Sort** dialog box, in the **Sort by** list, click the name of the column by which you want to sort the selected rows.
- 4. Do either of the following:
  - Select **Ascending** to sort the rows in ascending order.
  - Select **Descending** to sort the rows in descending order.
- Click OK.

#### To delete a table

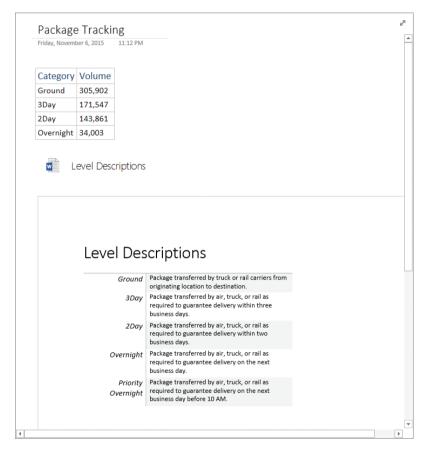
- 1. Click in any cell in the table.
- 2. Do either of the following:
  - On the Layout tool tab, in the Delete group, click Delete Table.
  - Press Ctrl+A four times.
- 3. Press Delete.

Or

1. Right-click anywhere in the table, point to **Table**, and then click **Delete Table**.

# Attach files and printouts

OneNote works well with other Microsoft Office apps. One of the ways you can work with other files is to include them as printouts or attachments. In OneNote, a printout displays the contents of another file in its entirety. If you have a one-page description of service levels saved as a Microsoft Word document, for example, you can display the document as a printout on a OneNote page.



Include a file as a printout to see its full contents in OneNote

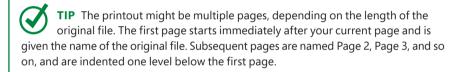
IMPORTANT When you insert a file as a printout, the entire file appears on the page. Word files appear as multiple images in OneNote, where each page of the document gets its own image on the page.

After you add a printout to your notebook, you can change its label, refresh the printout if you believe the source file has changed, or even save the file under a new name on your computer. If you want to work with a file that has been included as a printout, you can open the file in its original program, if you have the program installed on your computer. When you no longer need the printout in your notebook, you can delete it.

Attaching a file creates a link to the file but doesn't include its contents in your notebook like adding a printout does. Instead, you can double-click the icon that represents the attached file to view or edit it in its source program. You can, if you want, convert the attached file to a printout. If you no longer need a reference to the attached file, you can delete it.

#### To include a printout in a notebook

1. Click the page after which you want to insert the printout.



- 2. On the Insert tab of the ribbon, in the Files group, click File Printout.
- 3. In the **Choose Document to Insert** dialog box, click the file you want to include as a printout, and then click **Insert**.

#### To open the original printout source file in its native program

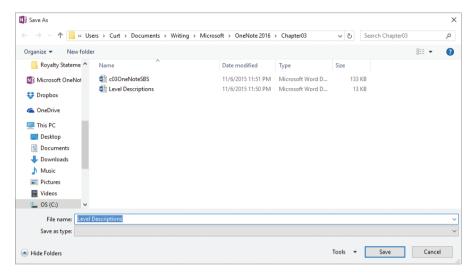
1. At the top of the first printout page, right-click the icon that represents the file you want to open, and then click **Open Original**.

#### To change the printout label in OneNote

- 1. Right-click the icon that represents the printout, and then click **Rename**.
- 2. In the **Rename** dialog box, enter a new name for the file label.
- 3. Click OK.

#### To save the included printout file under a new name

- 1. Right-click the icon that represents the printout, and then click Save As.
- 2. In the **Save As** dialog box, navigate to the folder where you want to save a copy of the file.



Use the Save As dialog box to save another copy of the printout source file

- 3. In the File name box, enter a new name for the file.
- Click Save.

#### To refresh the printout from the original file

- 1. Right-click the icon representing the printout, and then click **Refresh Printout**.
- 2. If a dialog box opens and displays a warning about the potential dangers of opening unknown files, click **OK** to refresh the printout.

#### To delete a printout

 Right-click the header that represents the printout, and then click Remove Printout.

#### To attach a file to a notebook page

- 1. Click the page where you want to insert the file icon.
- 2. On the Insert tab, in the Files group, click File Attachment.
- 3. In the Choose a file or set of files to insert dialog box, browse to and select the file or files you want to attach to the page, and then click Insert.
- 4. In the Insert File dialog box, click Attach File.
- 5. In the text area below the attachment's icon, enter text to describe the attached file.

#### Or

- 1. From File Explorer, drag the file onto the OneNote page and drop it where you want to insert the file icon.
- 2. In the Insert File dialog box, click Attach File.

#### To open an attached file

- 1. Double-click the icon that represents the attachment.
- 2. If a dialog box opens and displays a warning about the potential dangers of opening unknown files, click **OK** to open the file.



**IMPORTANT** To open the attached file, you must have the source program installed, such as Microsoft Word or Excel.

#### To convert an attached file to a printout

1. Right-click the icon that represents the attachment, and then click **Insert as**Printout.

#### To delete an attachment

- 1. Click the attachment to select it.
- 2. Press Delete.

# Add images and screen clippings

Most of the notes you add to your OneNote notebooks will probably be in the form of written and typed text. That said, there are many occasions when the appropriate image provides much more information than a few sentences could. Whether you insert an image related to a product prototype or capture an image of part of your screen to share software instructions with your team, images add substantial value to your notes.

You can add images from a variety of sources, including your computer, your OneDrive account, or Bing Image Search. You can use Bing Image Search to search online for images that are licensed under a Creative Commons license, but you should be sure that the conditions applied to a specific image, such as no commercial use, permit you to use the image in your notebook.



**IMPORTANT** If you aren't sure whether an image's licensing terms permit your usage, consult with an intellectual property attorney. If any doubt remains, it's safest to use an image with licensing terms that clearly allow for your planned use.

Another method for adding an image to a notebook is to capture part of your screen as a screen clipping, which you can then add to your notebook.

When your image is part of your notebook, you can move it, resize it, make it the page's background image, add alternative text for screen readers or web browsers, and save the image as a separate file for use in other programs. If your image contains text, you can have OneNote copy text from the image so you can use it elsewhere, and you can make the image's text searchable.



TIP OneNote's text recognition routines are good, but not completely accurate. It's likely you will need to edit the text after it's been extracted.

#### To insert an image from your computer

- 1. Click the page where you want to insert the image.
- 2. On the **Insert** tab, in the **Images** group, click **Pictures**.

- 3. In the **Insert Picture** dialog box, navigate to the folder that contains the image you want to add.
- 4. Click the image, and then click **Open**.



Insert images to add information and appeal to your notebook

#### To insert an image from OneDrive

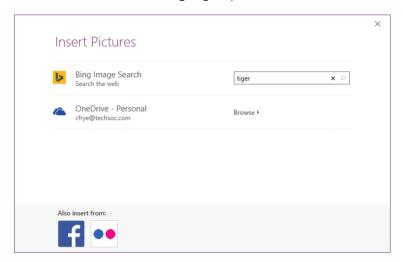
- 1. Click the page where you want to insert the image.
- 2. On the Insert tab, in the Images group, click Online Pictures.
- 3. In the Insert Pictures dialog box, click OneDrive Personal.

TIP You might not see a OneDrive - Personal option. To connect to your OneDrive account and to see the OneDrive option, click the Sign In With Your Microsoft Account link at the bottom of the Insert Pictures dialog box.

- 4. Navigate to the folder that contains the image you want to add.
- 5. Click the image, and then click **Insert**.

## To insert an image from Bing Image Search

- 1. Click the page where you want to insert the image.
- 2. On the Insert tab, in the Images group, click Online Pictures.



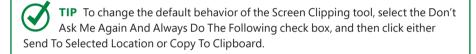
Find pictures online by using Bing Image Search

- 3. In the **Insert Pictures** dialog box, enter a search term in the text box and press **Enter**.
- 4. Read the message about image licenses and rights.
- 5. In the gallery of images, click the image you want to add, and then click Insert.

TIP You can also insert images from Facebook and Flickr. To sign in to those services and access the images, in the Also Insert From section at the bottom of the Insert Pictures dialog box, click the Facebook or Flickr icon and follow the appropriate sign-in procedure.

#### To capture a screen clipping

- 1. Do either of the following:
  - On the Windows taskbar, click the **Show hidden icons** button, right-click the **OneNote** icon, and then click **Take screen clipping**.
  - Press Windows logo key+Shift+S.
- 2. Click and drag over the area to select the part of the screen you want to capture as an image.
- 3. In the **Select Location in OneNote** dialog box, do either of the following:
  - Use the tools in the **All Notebooks** pane to select the location in which you want to place the clipping, and then click **Send to Selected Location**.
  - Click **Copy to Clipboard** to copy the image to the Clipboard.



#### Or

- 1. Click the page where you want to insert the screen clipping.
- 2. On the **Insert** tab, in the **Images** group, click **Screen Clipping**.
- Drag to select the part of the screen you want to capture. When you release the left mouse button, an image of the selected area of the screen appears in your notebook.

#### To rotate an image

1. Right-click the image, point to **Rotate**, and then click the option that describes how you want to rotate or flip the image.

#### To move an image

- 1. Point to the image.
- 2. When the pointer changes to a four-headed arrow, drag the image to a new location.



**TIP** If you're having trouble selecting an image, right-click the image, and then click Move. Reposition the image, and then click away from it to release the selection.

#### To resize an image

- 1. Click the image to select it.
- 2. Drag any of the handles on the corners or sides of the image to change the image's size.

#### To restore an image to its original size

1. Right-click the image, and then click **Restore to Original Size**.

#### To save an image as a separate file

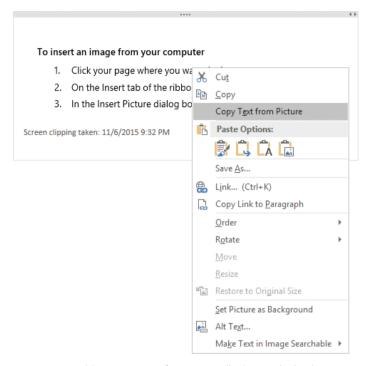
- 1. Right-click the image, and then click **Save As**.
- 2. In the **Save As** dialog box, navigate to the folder where you want to save the image.
- 3. In the File name box, enter a name for the new file.
- Click Save.

## To set an image as a page's background

1. Right-click the image, and then click **Set Picture as Background**.

## To copy text from an image

 Right-click the image that contains the text you want to copy, and then click Copy Text from Picture.



Use text recognition to copy text from screen clippings and other images

2. Paste the copied text elsewhere in your notebook or in another document.

TIP Copying text from an image can be helpful if all you have is a copy of an image, but what you really want is the text so that you can format or edit it. For example, if you have a video recording of a Skype online meeting in which the presenter uses a Microsoft PowerPoint deck, you could capture screenshots of the slides in the deck and paste them into OneNote by using the screen clipping capture technique described in this topic. With the screen clipping images in place, you can paste the copied text onto the page and format it as a note.

#### To make text within an image searchable

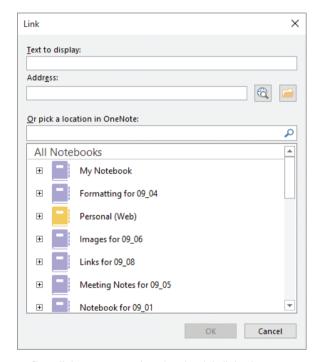
 Right-click the image that contains the text you want to copy, point to Make Text in Image Searchable, and then click the language of the text. (Only English, French, and Spanish are currently available.)

#### To remove image text from the notebook's collection of searchable text

1. Right-click the image that contains the text you want to remove from the collection, point to **Make Text in Image Searchable**, and then click **Disabled**.

# Create links to resources

The Office apps work well together and provide terrific access to web-based resources via links. You can use links (*link* is short for *hyperlink*) to create clickable text, images, and shapes that lead users to the webpages, files, or OneNote notebook locations you identify. If needed, you can find the link address of an object in your notebook.



Define a link to a resource by using the Link dialog box

Following a link just requires the reader to click the link within the notebook. After the resource appears, the reader can move back to the notebook page from which he or she started or move forward to the linked resource. Editing a link lets you change its characteristics (such as the object pointed to by the link), whereas deleting a link removes the connectivity but leaves the text or object you used as a base.

#### To create a link to a web resource

- 1. Do one of the following:
  - Click the page where you want to insert the link.
  - Select the text to be formatted as a hyperlink.
  - Select the item to serve as the anchor for the hyperlink.
- 2. Do either of the following to open the Link dialog box:
  - On the **Insert** tab of the ribbon, in the **Links** group, click **Link**.
  - Press Ctrl+K.
- 3. In the **Link** dialog box, edit the contents of the **Text to display** box to specify the text that will serve as the hyperlink.
- 4. Do either of the following:
  - In the Address box, enter the address of the webpage to which you want to link
  - Click the Browse the Web button to open your default web browser, navigate to the webpage to which you want to link, copy the page's address, and paste it into the Address box.
- 5. Click OK.

#### To create a link to a file

- 1. Do one of the following:
  - Click the page where you want to insert the link.
  - Select the text to be formatted as a hyperlink.
  - Select the item to serve as the anchor for the hyperlink.
- 2. Do either of the following:
  - On the **Insert** tab, in the **Links** group, click **Link**.
  - Press Ctrl+K.
- 3. In the Link dialog box, edit the contents of the Text to display box to specify the text that will serve as the hyperlink.
- 4. Click the **Browse for File** button.

- 5. In the **Link to File** dialog box, click the file to which you want to link, and then click **Open**.
- 6. Click OK.

#### To create a link to a location in OneNote

- 1. Do one of the following:
  - Click the page where you want to insert the link.
  - Select the text to be formatted as a hyperlink.
  - Select the item to serve as the anchor for the hyperlink.
- 2. Do either of the following:
  - On the **Insert** tab, in the **Links** group, click **Link**.
  - Press Ctrl+K.
- 3. In the **Link** dialog box, edit the contents of the **Text to display** box to specify the text that will serve as the hyperlink.
- 4. Use the tools available in the **Or pick a location in OneNote** pane to identify the location to which you want to link.
- Click OK.

## To copy the link address of a OneNote object

- 1. Right-click the item to which you want to create a link (such as text, a table cell, or an image), and then click **Copy Link to Paragraph**.
- 2. Do one of the following:
  - Click the page where you want to insert the link.
  - Select the text to be formatted as a hyperlink.
  - Select the item to serve as the anchor for the hyperlink.
- 3. Do either of the following:
  - On the **Insert** tab, in the **Links** group, click **Link**.
  - Press Ctrl+K.
- 4. In the Link dialog box, paste the copied link address into the Address box.
- Click OK.

#### To follow a link

1. Click the item or text identified as a hyperlink.

#### To go back after following a link

1. On the Quick Access Toolbar, click the Back button.



Click the Back or Forward button to move between resources

#### To go forward to a previously followed link

1. On the **Quick Access Toolbar**, click the **Forward** button.

#### To edit a link

- 1. Do either of the following:
  - Select the linked text, and on the **Insert** tab, in the **Links** group, click **Link**.
  - Right-click the link you want to edit, and then click **Edit Link**.
- 2. Use the tools in the **Link** dialog box to edit the hyperlink.
- 3. Click OK.

#### To copy a link

- 1. Do either of the following:
  - Right-click the link and then click **Copy Link** to copy just the link address.
  - Select the hyperlinked text, and press Ctrl+C.



**TIP** You can copy the link address, but it might be faster and more useful to copy and reuse the hyperlinked text.

#### To remove a link

1. Right-click the link, and then click **Remove Link**.

This removes the hyperlink but keeps the underlying text or object.

# Record audio and video notes

Contemporary computers are powerful enough to handle audio and video files easily, so it makes sense that you would be able to capture audio and video notes in OneNote. Before you record an audio or video note, you should make sure to identify the devices to use for those tasks and set the format for your recording. Choosing a higher resolution improves the audio or video quality of your recording, at the expense of taking up more room on your hard drive.

After you record an audio or video note, you can play it back in OneNote. The controls you use will be familiar if you've watched video online or by using a DVD player.



Control audio and video playback by using these buttons

Finally, you can change the text associated with a recording, or delete the recording if you no longer need it.

## To select an audio input device

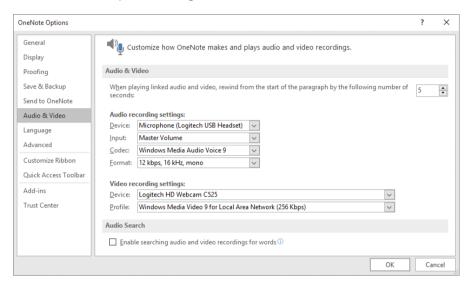
- 1. Click the File tab to open the Backstage view, and then click Options.
- 2. In the **OneNote Options** dialog box, click **Audio & Video** in the navigation pane on the left.
- 3. On the Audio & Video page, in the Audio recording settings area, in the Device list, click the device to use for audio input.
- 4. If necessary, in the Input list, click the input setting you want to use.
- 5. If necessary, in the **Codec** list, click the encoding scheme you want to use.
- 6. If necessary, in the Format list, click the format you want to use.



7. Click **OK**.

#### To select a video input device

1. In the OneNote Options dialog box, click Audio & Video.



Set your audio and video options by using tools in the OneNote Options dialog box

- 2. On the **Audio & Video** page, in the **Video recording settings** area, in the **Device** list, click the device to use for video input.
- 3. If necessary, in the **Profile** list, click the encoding scheme you want to use.



4. Click OK.

#### To record an audio note

- 1. On a notebook page, click where you want to insert the icon for the audio note.
- 2. On the Insert tab, in the Recording group, click Record Audio.
- Record your audio note.
- 4. On the **Playback** tool tab, in the **Playback** group, click **Stop**.

#### To record a video note

- 1. On a notebook page, click where you want to insert the icon for the video note.
- 2. On the Insert tab, in the Recording group, click Record Video.
- 3. Record your video note.
- 4. On the Playback tool tab, in the Playback group, click Stop.

TIP While recording an audio or video note, you can take notes (typed or written with a stylus) and insert images or objects. After you click Stop to end the recording, small Play buttons appear to the left of each note. You can click each play button to jump to the time of the recording when that note was taken and understand the note in context.

#### To play an audio or video note

- 1. Click the icon representing the audio or video note.
- 2. In the control bar that appears, click the **Play** button.

Or

On the **Playback** tool tab, in the **Playback** group, click the **Play** button.

3. Use the remaining controls on the **Playback** tool tab to pause, rewind, and fast-forward the note.

#### To rename an audio or video note

- 1. Right-click the icon representing the note, and then click **Rename**.
- 2. In the Rename File dialog box, enter a new name for the note.
- Click OK.

#### To delete an audio or video note

1. Right-click the icon representing the note, and then click **Cut**.

Or

- 1. Click the audio or video note to select it.
- 2. Press the **Delete** key.

# Insert time and date stamps

In many cases, when something happens is as important as what happens. For example, you might want to note the exact time a colleague brought up an idea in a meeting, or record the time and date when you finished working on a proposal.

In OneNote, you can add the current time, the current date, or both the current date and time to your notebook. Unless you edit their text, these values don't change when you close and reopen your notebook, so you have a record of when you added the time or date stamp.

#### To insert only the current date

- 1. On a notebook page, click where you want to insert the date.
- 2. Do either of the following:
  - On the **Insert** tab of the ribbon, in the **Time Stamp** group, click **Date**.
  - Press Alt+Shift+D. (D is for date.)



Add Date, Time, or Date & Time stamps to your notebook

#### To insert only the current time

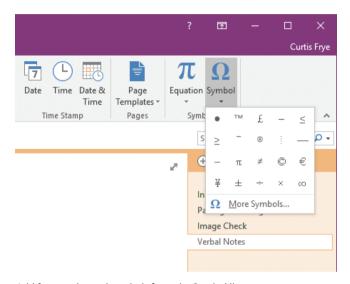
- 1. Click where you want to insert the time.
- 2. Do either of the following:
  - On the **Insert** tab, in the **Time Stamp** group, click **Time**.
  - Press Alt+Shift+T. (T is for time.)

#### To insert the current date and time

- 1. Click where you want to insert the date and time.
- 2. On the **Insert** tab, in the **Time Stamp** group, click **Date & Time**.

# Add symbols and equations

Much of the work you do in OneNote will use standard letters and numbers. If you work in a legal or technical field, though, you might use special characters such as the copyright or trademark symbols in your work. In OneNote, you can quickly add any of a set of frequently used symbols.



Add frequently used symbols from the Symbol list

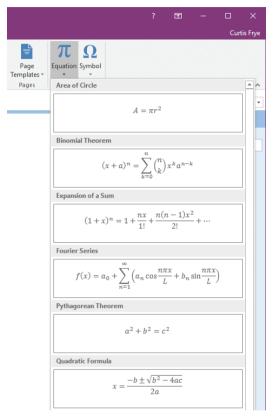
If the gallery of frequently used symbols doesn't contain the symbol you want to add, you might be able to find it in the character set of a font installed on your system. You can look through your fonts to find the character you want. OneNote and other Office apps divide each font into subsets of characters, such as mathematical symbols, Cyrillic alphabet characters, and Roman alphabet characters, to make searching for the character you want easier.



**IMPORTANT** If you do locate the symbol you want, be sure to write down its Unicode or ASCII character code and the font name so you can find it again.

For mathematical applications, such as statistical analysis or calculus, you can represent equations on a page by using mathematical notation.

OneNote has a gallery of pre-built equations, such as the Pythagorean Theorem and the quadratic formula, that you can add from the ribbon.



Add common equations from the Equation list

You can also build equations from a series of frameworks, which you can find on the Equation Tools Design tool tab that appears when you select an equation.

You can change the way OneNote displays the equation or edit the equation's contents. Editing an equation is a matter of clicking within the body of the equation to activate it, and then editing its contents to create exactly the equation you want. If you decide you no longer need an equation, you can always delete it.

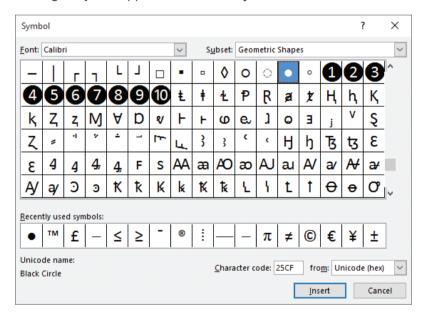
TIP If the equation's text boxes are too small for you to edit its contents effectively, select the equation and increase its font size until you can work with the text easily. After you finish editing your equation, you can select it again and reduce the font size for sharing and publication.

#### To add a frequently used symbol

- 1. Position the cursor at the location where you want to add the symbol.
- 2. On the **Insert** tab of the ribbon, in the **Symbols** group, click **Symbol**.
- 3. In the gallery that appears, click the symbol you want to add to your page.

#### To add a character from any available font

- 1. Position the cursor at the location where you want to add the symbol.
- 2. On the Insert tab, click Symbol.
- 3. In the gallery that appears, click More Symbols.



Select a symbol to insert into a notebook by using the Symbol dialog box

- 4. In the **Symbol** dialog box, click the **Font** list arrow, and then click the font from which you want to select the symbol.
- 5. Click the **Subset** list arrow, and then click the subset from which you want to select the symbol.
- 6. Click the symbol you want to include.
- 7. Click Insert.
- 8. When you are finished inserting symbols, click Close.

#### To add a common equation

- 1. Position the cursor at the location where you want to add the equation.
- 2. On the **Insert** tab, in the **Symbols** group, click the **Equation** list arrow, and then click the equation you want to add.

#### To create a custom equation

- 1. Position the cursor at the location where you want to add the equation.
- 2. On the **Insert** tab, in the **Symbols** group, click **Equation**.



Use the tools on the Equation Tools Design tool tab to create a custom equation

- 3. On the **Equation Tools Design** tool tab, in the **Structures** group, click the category of equation you want to create.
- 4. From the gallery that appears, click the specific format for your equation.
- 5. In your note, click in each editable area of the equation form and enter the text and numbers required for your equation.
- 6. On the **Design** tool tab, in the **Symbols** group, click each symbol you want to add in the proper place in your equation.

#### To change how an equation is rendered on the page

- 1. Select the equation (or part of an equation) you want to change.
- 2. On the **Design** tool tab, in the **Tools** group, do one of the following:
  - Click **Professional** to display the equation in two-dimensional format (characters stacked vertically) by using mathematics-specific text.
  - Click **Linear** to display the equation in one-dimensional format by using mathematics-specific text.



**TIP** You can also access the Professional and Linear options by right-clicking your selected equation and clicking Professional or Linear.

• Click **Normal Text** to use non-mathematical text in the part of the page that contains an equation.

TIP Normal Text changes your mathematical formatting to standard text formatting. You keep the two-dimensional stacking, but you lose the spacing and italicized font style that you expect to see in mathematical instructions. This can be useful when you are referring to an equation in a paragraph.

#### To edit an equation

- 1. Click within the body of the equation to activate it.
- 2. Position the cursor where you want to make your change, and use the keyboard and commands on the ribbon to edit the equation.

#### To delete an equation

- 1. Select the equation text that you want to delete, or select the item that contains the equation.
- 2. Do one of the following:
  - Press Delete.
  - On the **Home** tab, in the **Basic Text** group, click **Delete**.
  - Right-click the selection, and click **Cut**.

# Skills review

In this chapter, you learned how to:

- Create quick notes
- Add tables
- Attach files and printouts
- Add images and screen clippings
- Create links to resources
- Record audio and video notes
- Insert time and date stamps
- Add symbols and equations



# Practice tasks

The practice files for these tasks are located in the OneNoteSBS\Ch03 folder. The results of the tasks will be automatically saved into the same file in the same folder.

# Create quick notes

In Windows, perform the following tasks:

- 1. Open any notebook in OneNote, and then use the tools on the Windows taskbar to create a quick note on the active notebook page.
- 2. In the quick note window, display the ribbon and add formatting to the note you created.
- 3. Open the quick note you just created in the OneNote app.

## Add tables

Open the AddTables section in OneNote, and then perform the following tasks:

- Create a table with two columns and four rows. In the first row, enter Month
  in the first cell and Sales in the second cell. Format these cells by using the
  Heading 1 style.
- 2. In the second row, add the values January and 2,095; in the third row, February and 3,478; and in the fourth row, March and 2,561.
- 3. Sort the table's rows in ascending order based on the values in the **Sales** column.
- 4. Add a table row with the values **April** and **1,702**.
- 5. Sort the bottom three rows in the table in descending order based on the values in the **Sales** column.
- 6. Change the background color of the **February** and **3,478** cells to yellow.

## Attach files and printouts

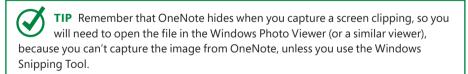
Open the AttachFiles section in OneNote, and then perform the following tasks:

- 1. Attach the **LevelDescriptions** document to the active notebook page.
- 2. Edit the label of the attachment icon to read Details on delivery service levels.
- 3. Include the **LevelDescriptions** document as a printout on the same notebook page as the attachment.
- 4. Delete the attachment.
- 5. Save the printout file in the practice files folder with the new name **RevisedDescriptions**.

# Add images and screen clippings

Open the AddImages section in OneNote, and then perform the following tasks:

- 1. Add the **WineryLandscape.jpg** image from the practice file folder to the active notebook page.
- 2. Move the image below the *Proposed Location* heading.
- 3. Resize the image so it is about half its original height and width.
- 4. Take a screen clipping of the structure in the middle of the photo and paste it just above the *Seating Capacity* text on the right side of the page.



### Create links to resources

Open the CreateLinks section in OneNote, and then perform the following tasks:

- 1. Select the *Official Microsoft OneNote site* text and use it as the base for a link to the web address www.onenote.com.
- 2. Click a blank spot on the page and create a link to the **LevelDescriptions** Word document in the practice file folder.
- 3. Click the link you just created to open the file.
- 4. Close the **LevelDescriptions** document, and then edit the text of the link to read **Service Level Details**.

### Record audio and video notes

Open the RecordNotes section in OneNote, and then perform the following tasks:

- 1. Use the tools on the **Audio & Video** page of the **OneNote Options** dialog box to identify your audio and video inputs and the output formats you want to use.
- 2. Click below the Audio Note heading on the active notebook page.
- 3. Insert and record an audio note that is about 10 seconds in length, and then play it back.
- 4. Edit the audio note's label to reflect its contents.
- 5. Click below the Video Note heading.
- 6. Record a video note of about 10 seconds in length.
- 7. Play back the video note, pausing a few seconds into playback, and then restarting playback to let the note run to the end.

## Insert time and date stamps

Open the InsertTimeStamps section in OneNote, and then perform the following tasks:

- 1. Next to the *Today's Date* text, insert a **Date** stamp.
- 2. Next to the *Current Time* text, insert a **Time** stamp.
- 3. Next to the *Document Review Completed* text, insert a **Date & Time** stamp.

# Add symbols and equations

Open the AddSymbols section in OneNote, and then perform the following tasks:

- 1. From the gallery of common symbols, add a British pound currency symbol, £, to the left of the number 1450.
- 2. Below the *Area of a Circle Formula* header, add the pre-built equation to calculate the area of a circle.
- 3. Below the *Additional Equation* header, create a custom equation that includes an exponent and an added constant value.

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# About the author



Curtis Frye is the author of more than 30 books, including Microsoft Excel 2016 Step by Step for Microsoft Press and Brilliant Excel VBA Programming for Pearson, UK. He has also created and recorded more than three dozen courses for lynda.com, including Tableau 9 Essential Training and Up and Running with Public Data Sets. In addition to his work as a writer, Curt is a popular conference speaker and performer, both as a

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# Acknowledgments

Creating a book is a team effort. And yes, I say "creating" rather than "writing." *Microsoft OneNote Step by Step*, as with all other books from Microsoft Press, required a team of professionals to shape raw materials provided by the author into a finished product that readers can rely on. First, thanks to Carol Dillingham for inviting me to be part of this team, and to Rosemary Caperton who brought me back for *Microsoft Excel 2016 Step by Step*. The team at OTSI included Kathy Krause, project editor and copy editor; Jeanne Craver, graphic artist; Susie Carr and Joan Lambert, desktop publishers and indexers; and Jaime Odell, proofreader.

I've left our technical reviewer, Ed Price, for last. Ed brought years of experience with OneNote to the project and, through his notes on my original text and his own contributions, helped transform this book into a resource that will benefit readers for years to come. I value his perspective and insights. His contributions, as with those of the other team members, might be invisible within the finished work, but they are there and I am grateful.