

Nemeth Symbol Library Tutorial

Introduction

Welcome to the tutorial for the Nemeth Symbol Library. This document will provide steps to open a browser, go to the library, find the Nemeth symbol or term you're looking for, read its definition, and if you wish, read or download examples of how it's used in braille.

Opening the Nemeth Symbol Library

To open the library, start by pressing the Windows key to launch the Start Menu. Next, begin entering the name of the browser you wish to use, and press Enter when its name is read back to you (e.g. Chrome or Firefox). You can press the CTRL key to temporarily stop speech output at any time.

Now that the browser is open, you need to tell it where you're going. Press Alt+D to move to the address bar and type "Nemeth Symbol Library," press Enter, and then press H to move through the headings until it says "Nemeth Symbol Library."

You can also enter the following address

<https://accessibility.pearson.com/resources/nemeth-curriculum/nemeth-symbol-library/index.php>

Press Enter, and you will be taken to the Nemeth Symbol Library. Pressing H will take you to the first heading "Welcome to the Nemeth Symbol Library." Pressing H a second time will take you to the second heading "Introduction."

Finding the Definition You Want

If you're looking for a specific symbol or term, there is a complete list of definitions that can be found in the library under the heading, "List of Symbols and Math Terms." Press H a third time to move to this heading.

Once you've found the heading, press Down Arrow to begin exploring the list of symbols and terms. Every item in this list is a link, which means that all you have to do is press Enter when you're ready to read more about it and then arrow down to hear an explanation of the symbol or term. Note: The definitions can be accessed through screen reading software, a braille display, or both.

Because the list of symbols and terms is quite long, you may prefer to jump directly to items in the list beginning with a particular letter. To do this using JAWS or NVDA, press Insert+F7 to open a list of links. Next, press the letter to move directly to words beginning with that letter, and if necessary, continue arrowing down the list until you find the symbol or term you wish to explore. Press Enter, and you will be taken to its definition.

Alternatively, if you're not looking for a specific symbol or term, and simply wish to browse through the available definitions in the library, you can press H repeatedly to move forward by definition, and Shift+H to move backward.

To quickly return to the "List of Symbols and Math Terms" from any definition on this page, you can either press Shift+2 twice to move back through the level 2 headings or press Insert+F7 to go back to the links list.

Pick a definition you would like to investigate and go there by selecting the link. Listen to the definition and when it says "See examples," press the CTRL key, and we'll learn what to do next.

Braille Examples

At the end of every definition, you will find three links of example braille materials that can be read or downloaded for further review. They are "Nemeth in EBAE" which uses the past literary code, "Nemeth within UEB contexts" which uses the current literary code, and "Nemeth in Print and SimBraille" which uses print dots. Either of the first two links will open a .BRF, Braille Ready Format, file that you can read on a braille display or notetaker. The third link will open a PDF, Portable Document Format, file that shows a visual representation of the braille example material.

Reading Example Files

In order for these files to be readable, you will need to set your braille device to use 6-dot braille and no translation. Also, because screen readers are not able to read the contents of 2 .BRF files using speech, you may wish to stop speech output by pressing the CTRL key after you've opened a file.

To read an example file once you are in a definition, press Tab once to select "Nemeth in EBAE," or twice to select "Nemeth within UEB contexts." Press Enter and the selected example file will download. Use Shift+F6 to cycle to the downloads bar area and press Enter to open the file. This is a good time to move to a braille display, if you are on a computer, to read the examples.

Note: Parents or teachers, who prefer a print copy, can open the corresponding "Nemeth in Print and SimBraille" PDF document on a separate device to see what the student is reading.

Troubleshooting

If your function keys are not working, you may need to make sure that your function lock is on. To do this, hold down your function (fn) key and hit the Escape key.

If you are using a computer and having trouble opening the .BRF file, you may need to right click on the file in your downloads folder, select Open With..., and then point it to the software you will be using to open the file, such as Perky Duck, BrailleBlaster, Duxbury, etc. This only needs to be done the first time you open a .BRF file on that device.