A colorful abacus on a blue background

Description automatically generated

# Technology: numeracy checklist for learners with dyscalculia

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **If you…** | **learn how to…with…** | **WindowsMonitor with solid fill** | **ChromeOSLaptop with solid fill** | **iPadTablet outline** |
| mix up numbers or confuse maths symbols… | * write numbers with a keyboard * write expressions with an equation editor * [read numbers and symbols with text-to-speech.](https://www.callscotland.org.uk/blog/how-to-read-maths-with-immersive-reader/) | Do column calculations with CALL Maths template ([Word](https://www.callscotland.org.uk/assets/cm-files/files/Word%20Maths%20Templates.zip) and [PDF](https://www.callscotland.org.uk/assets/cm-files/files/PDF%20maths%20templates.zip)).  [Microsoft Office Equation Editor](https://support.microsoft.com/en-us/office/write-an-equation-or-formula-1d01cabc-ceb1-458d-bc70-7f9737722702) | Do column calculations with CALL Maths template ([Word](https://www.callscotland.org.uk/assets/cm-files/files/Word%20Maths%20Templates.zip) and [PDF](https://www.callscotland.org.uk/assets/cm-files/files/PDF%20maths%20templates.zip)). [Google Docs Equation Editor](https://support.google.com/docs/answer/160749?hl=en-GB&co=GENIE.Platform%3DDesktop) | Do column calculations with CALL Maths template ([Word](https://www.callscotland.org.uk/assets/cm-files/files/Word%20Maths%20Templates.zip) and [PDF](https://www.callscotland.org.uk/assets/cm-files/files/PDF%20maths%20templates.zip)).  [Pages Equation Editor](https://support.apple.com/en-gb/guide/pages-ipad/tanca5a4fbd9/ipados#:~:text=Edit%20an%20equation%3A%20Double%2Dtap,new%20location%20on%20the%20page.&text=%2C%20then%20adjust%20the%20controls%20in,to%20change%20its%20font%20size.) |
| confuse dates and times… | * read dates and times with text-to-speech. | Use [Natural Reader](https://www.naturalreaders.com/index.html) or the built-Read Aloud | Use the built-in [Select to Speak](https://www.youtube.com/watch?v=_gz4lXWDzTQ) . | Try the iPad/iPhone built-in [Speak Screen](https://support.apple.com/en-gb/guide/iphone/iph96b214f0/ios). |
| find it hard to get information from graphs and charts… | * use digital graphs and charts and * zoom in/out * change colours * highlight * text-to-speech * add annotations, e.g. straight lines to guide you. |  |  |  |
| have problems holding numbers in your head when calculating… | * use a calculator. | [Windows Calculator](https://apps.microsoft.com/store/detail/windows-calculator/9WZDNCRFHVN5) | [Chromebook Calculator](https://chrome.google.com/webstore/detail/calculator/joodangkbfjnajiiifokapkpmhfnpleo?hl=en) | [Talking Calculator](https://apps.apple.com/gb/app/talking-calculator/id424464284) |
| get muddled when doing a complicated maths problem… | * ask your teacher for a step-by-step summary. * tick off or strike out each step as you complete them. |  |  |  |
| find it hard to remember the order of steps to solve problems… | * ask your teacher for a step-by-step summary. * tick off or strike out each step as you complete them. |  |  |  |

For more ideas look at [I Have a Numeracy Difficulty and with Maths, What can Help?](https://www.callscotland.org.uk/information/dyslexia/numeracy/)