

Math

Creating math content that is accessible presents unique challenges. Currently, [MathML](#) is the programming language that is used to write math equations that are accessible. Equations that are written without using MathML will not be read correctly by screen readers. [MathType](#) is a plugin that can be used in Word to write equations and to export content as a webpage.

Guidelines for Accessible Math

- Allow all expressions to be enlarged on screen.
- Ensure that users with visual impairments can read scientific and mathematical expressions and that users with visual impairments and with physical impairments can write expressions.
- Use MathML to provide access to scientific and mathematical expressions.
- Use [LaTeX](#) to provide access to scientific and mathematical expressions.
- Use prerecorded audio to read static scientific and mathematical expressions.
- Use concatenated speech strings for simple scientific and mathematical expressions.
- Create scientific and mathematical expressions scripts using guidelines for spoken mathematics.