

This document summarises several **software tools** along with links for them. Some of these apps are not available for free and have been indicated so.

### **1. KNFB reader (To be purchased)**

KNFB Reader is an award-winning mobile app for blind, low-vision, dyslexic, and other print-disabled users that converts text to speech or text to Braille and also for enlarging text.

KNFB Reader can read:

- Receipts
- Package labels and mail
- Product and nutritional information
- Print on your computer or tablet screen
- Longer documents such as books and user manuals
- Private documents such as tax materials, mortgage documents, bills, and medical reports
- Ebooks and documents in the ePub format
- Documents in more than thirty languages

<https://www.nfb.org/programs-services/knfb-reader>

### **2. Dragon (To be purchased)**

Speech to text software, highly accurate and extremely fast.

<https://www.nuance.com/dragon/dragon-for-pc/home-edition.html>

### **3. Microsoft Immersive Reader (Text to speech) (Free)**

Immersive Reader lets you:

Change font size, text spacing, and background colour.

Split up words into syllables.

Highlight verbs, nouns, adjectives and sub-clauses.

Choose between two fonts optimised to help with reading.

Read out text aloud, and change the speed of reading.

Immersive reader can even work with pictures scanned from books, not just text typed directly into OneNote. The Optical Character Recognition (OCR) built into OneNote can actually decipher text within a picture, and then make that available in the Immersive Reader.

<https://schoolsict.co.uk/what-we-do/office-365/learning-tools/immersive-reader>

<https://www.bing.com/videos/search?q=how+to+use+immersive+reader&docid=608012101778542290&mid=A405D1A1B90A68DBEE17A405D1A1B90A68DBEE17&view=detail&FORM=VIRE>

#### **4. Light Key (Free version available, Pro versions may be purchased)**

Word prediction software, learns your typing patterns and gradually predicts up to 12 words including punctuation marks.

<https://www.lightkey.io/>

#### **5. NVDA Screen Reader (Free)**

NVDA (NonVisual Desktop Access) is a free "screen reader" which enables blind and vision impaired people to use computers. It reads the text on the screen in a computerized voice. NVDA can also convert the text into braille if the computer user owns a device called a "braille display".

[https://download.cnet.com/NVDA-Screen-Reader/3000-33660\\_4-77572407.html](https://download.cnet.com/NVDA-Screen-Reader/3000-33660_4-77572407.html)

#### **6. ChattyInfty3 (Free)**

ChattyInfty is a mathematical document editor for visually disabled people to read and write scientific documents. Math expressions from secondary education level math to university level math expressions or more high level math used by mathematicians or scientists to write scientific papers can be read and written by using ChattyInfty.

<https://www.sciaccess.net/en/ChattyInfty/>

#### **7. InftyReader (Free)**

InftyReader is OCR software to recognize scientific documents including mathematical formulae, and to output the recognition results into various file formats: LaTeX, MathML, XHTML, HRTeX, IML and Microsoft Word document. The recent versions of InftyReader (Ver.3.2 series) can convert (e-born) PDF to the above mentioned various formats using PDF parser instead of OCR to obtain exact character codes.

<https://www.sciaccess.net/en/InftyReader/>