



The Inclusive Classroom

Troy Waller
Accessibility Lead

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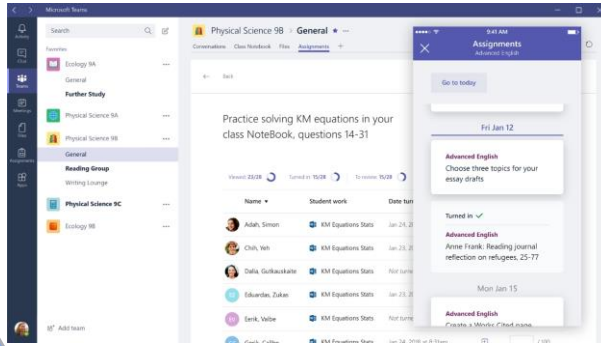
[@hojusaram](https://twitter.com/hojusaram)



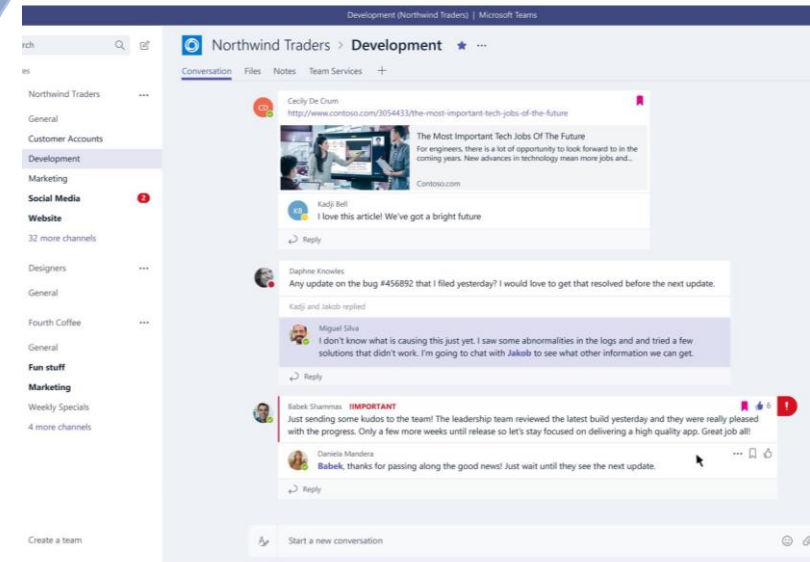
aka.ms/troyw



aka.ms/troyfb



Join my Team



Workshop Agenda

- Intro and getting to know each other
- The Microsoft Educator Community
- A quick introduction to Office 365
- Universal Design for Learning
- Reading support
- Writing support
- Maths support
- Translator
- Windows 10
- Next Steps



"Our mission is to empower every person and every organisation on the planet to achieve more."



Let's learn a little
about each other!

Tell us about yourself...



Home

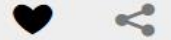
Welcome Educator!

Learn new skills, discover classroom activities and earn badges and certificates!



Join us for the annual 48-hour Skype-a-Thon
With every 400 virtual miles traveled, Microsoft will support education resources for a child in need

[Learn More >](#)



FILTER BY +

[Overview](#) [View All](#)

[More](#)



education.microsoft.com

Promo code: TWHVNLA20



 Microsoft 365





5 free copies



Office 365
ProPlus

Apps

Install Office ▾



Outlook



OneDrive



Word



Excel



PowerPoint



OneNote



SharePoint



Teams



Yammer



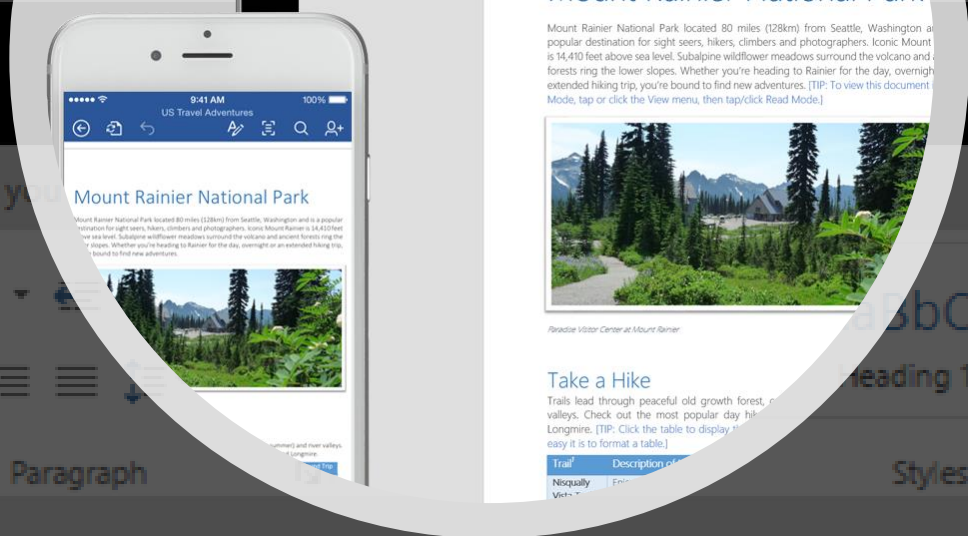
Forms



Sway

[Explore all your apps →](#)

Office
Office:mac



Word (browser)

FILE HOME INSERT DATA REVIEW VIEW Tell me what you want to do

Undo
Clipboard
Paste

Calibri 11
B I U D
Font

Alignment

Number Format

OPEN IN EXCEL

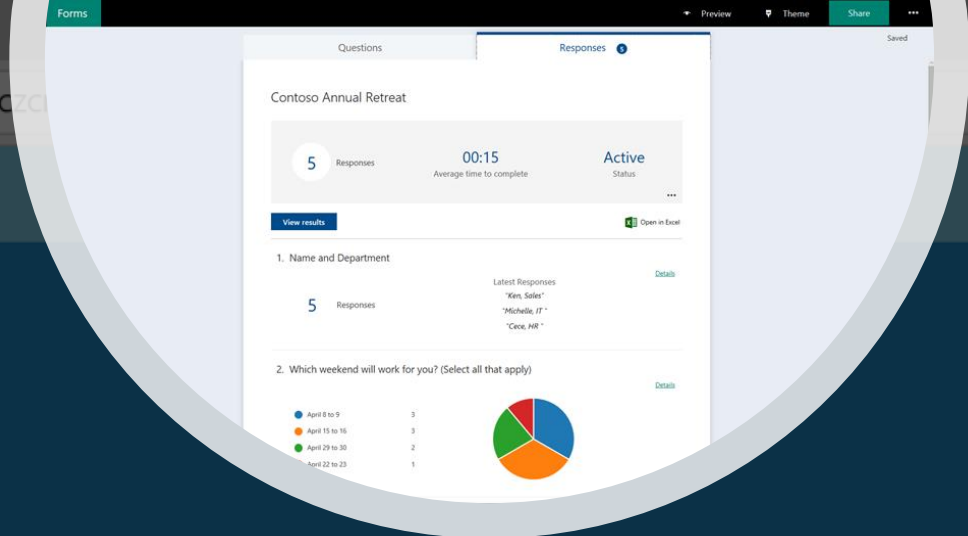
AutoSum
Delete
Clear

fx

	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						

Excel (browser)





Microsoft Forms

ing new you have learned today?

your answer

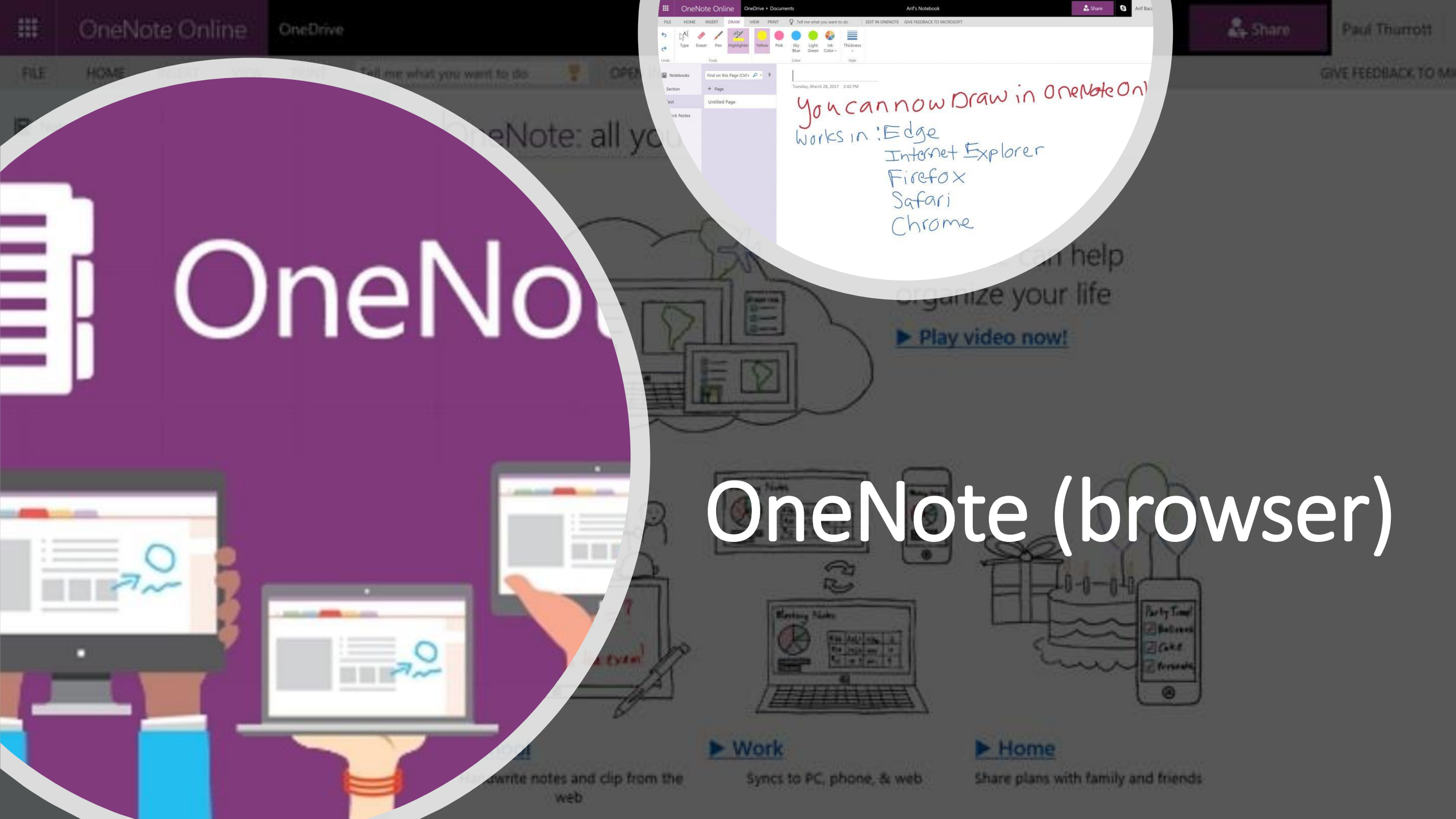


PowerPoint (browser)

A screenshot of a PowerPoint slide titled "Meeting Agenda" in green text. The slide content includes a bulleted list of items, each preceded by a green arrowhead:

- ▶ 7 - 8 Breakfast
- ▶ 9 - 10 Sales summary
- ▶ 11 - 12 CRM Training
- ▶ 12 - 1:30 Lunch
- ▶ 1- 4 Breakout sessions
- ▶ 6 - 9 Group dinner and awards

A green star icon is positioned to the right of the last item. The slide is viewed through a browser interface, with a search bar at the top containing the text "Tell me what you want to do" and a search icon. The background of the slide is white with a green abstract design on the right side.



This block shows a close-up of the OneNote Online drawing toolbar. The toolbar includes options for 'Type', 'Eraser', 'Pen', 'Highlighter', and 'Color'. The 'Color' dropdown is open, showing a palette with colors like 'Sky Blue', 'Light Green', 'Hot Color', and 'Thickness'. Below the toolbar, there is a white circular callout containing handwritten text in red and blue ink. The text reads: 'You cannot Draw in OneNote Online works in: Edge, Internet Explorer, Firefox, Safari, Chrome'. The background of this callout is a blurred screenshot of the OneNote interface.

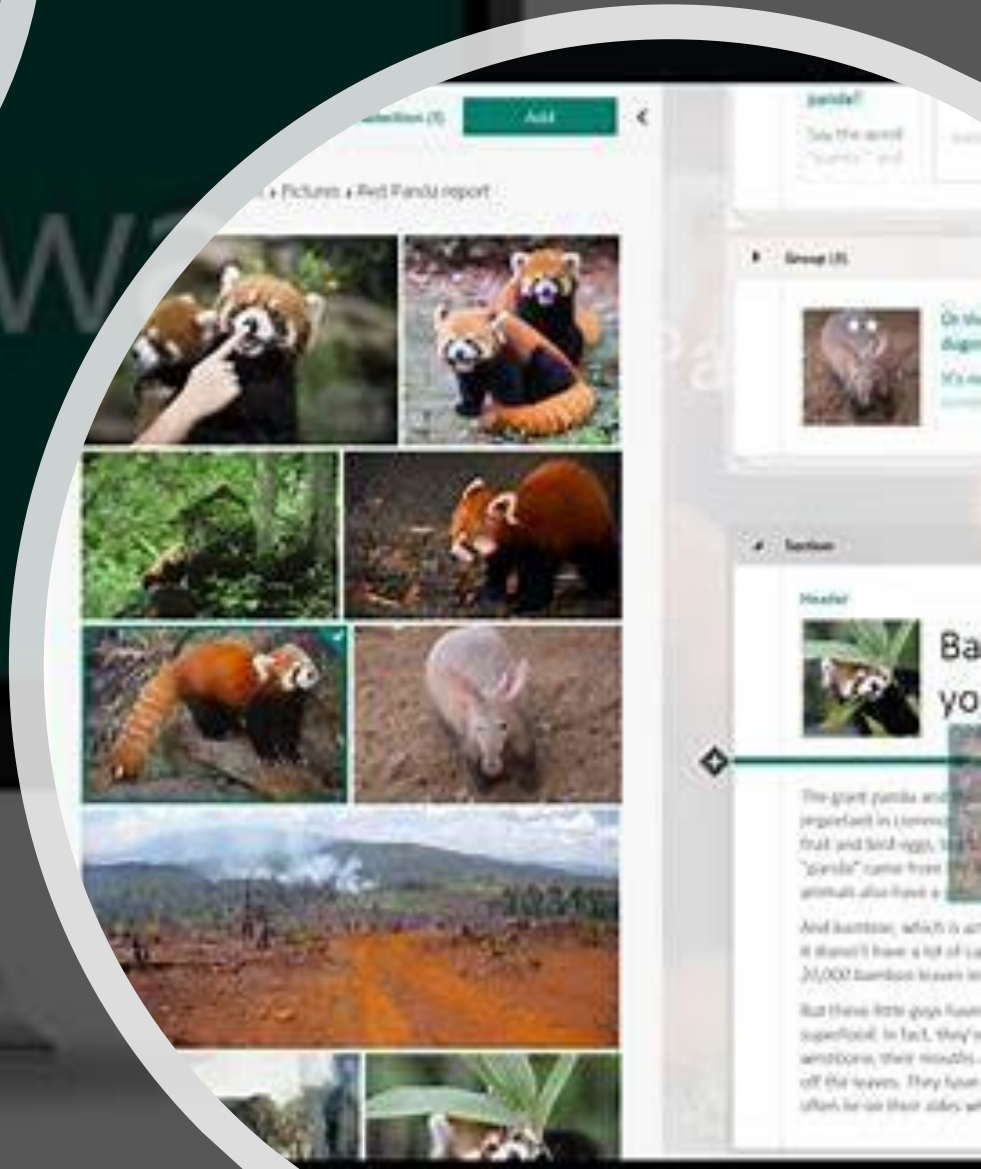
OneNote (browser)

[▶ Work](#)

Syncs to PC, phone, & web

[▶ Home](#)

Share plans with family and friends



Sway





Teams for Education

Development (Northwind Traders) | Microsoft Teams

Conversation Files Notes Team Services +

Northwind Traders > Development

Cecily De Crum
<http://www.contoso.com/3054433/the-most-important-tech-jobs-of-the-future>
The Most Important Tech Jobs Of The Future
For engineers, there is a lot of opportunity to look forward to in the coming years. New advances in technology mean more jobs and...

Kadji Bell
I love this article! We've got a bright future

Daphne Knowles
Any update on the bug #456892 that I filed yesterday? I would love to get that resolved before the next update.

Miguel Silva
I don't know what is causing this just yet. I saw some abnormalities in the logs and tried a few solutions that didn't work. I'm going to chat with Jakob to see what other information we can get.

Babek Shammus **IMPORTANT**
Just sending some kudos to the team! The leadership team reviewed the latest build yesterday and they were really pleased with the progress. Only a few more weeks until release so let's stay focused on delivering a high quality app. Great work!

Daniela Mandera
Babek, thanks for passing along the good news! Just wait until they see the next update.

Start a new conversation

Viewed: 23/28 Turned in: 15/28 To review: 15/28

Name	Student work
Adah, Simon	KM Equations Stats
Chih, Yeh	KM Equations Stats
Dalia, Sarkisyan	KM Equations Stats
Eduardas, Zukas	KM Equations Stats
Eerik, Valbe	KM Equations Stats
Gerik, Collbo	KM Equations Stats

9:41 AM

Assignments

Advanced English

Go to today

MINECRAFT

EDUCATION EDITION





skype™ in the classroom



OneDrive

5TB of storage per user

Every Office file you have ever created now has the potential to be collaborative!



Office 365 Search [User Profile]

Apps

Install Office ▾

Outlook OneDrive Word Excel PowerPoint OneNote SharePoint Teams Yammer Forms

Sway

Explore all your apps →

Documents

Upload and open... New ▾


Recommended

- Ilasha Prabhu edited this 8h ago
- You edited this Fri. at 10:09 am
- You edited this 44m ago
- This document was edited 22 Feb.




Set up protection of important folders

Once these files are synced to OneDrive, new and existing content will be available on your other devices, even if you lose this PC. [Learn more.](#)



Desktop
500 MB



Documents
500 MB



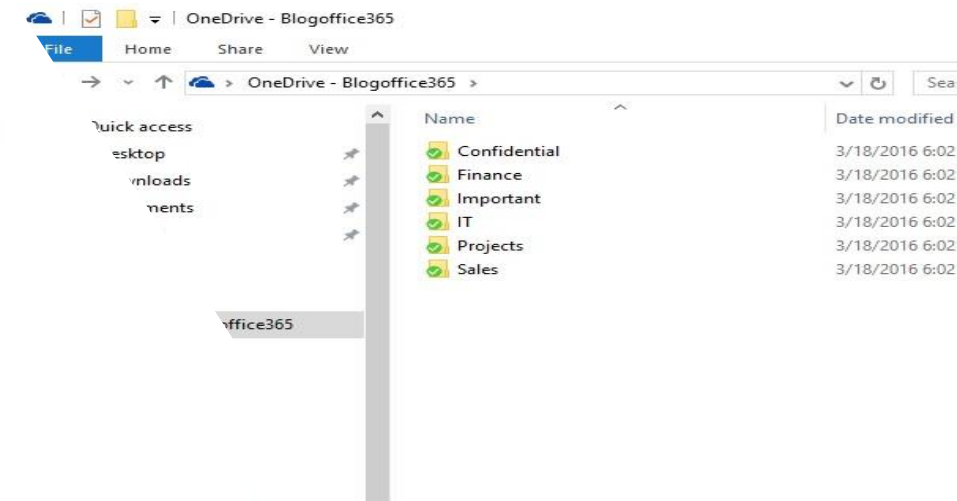
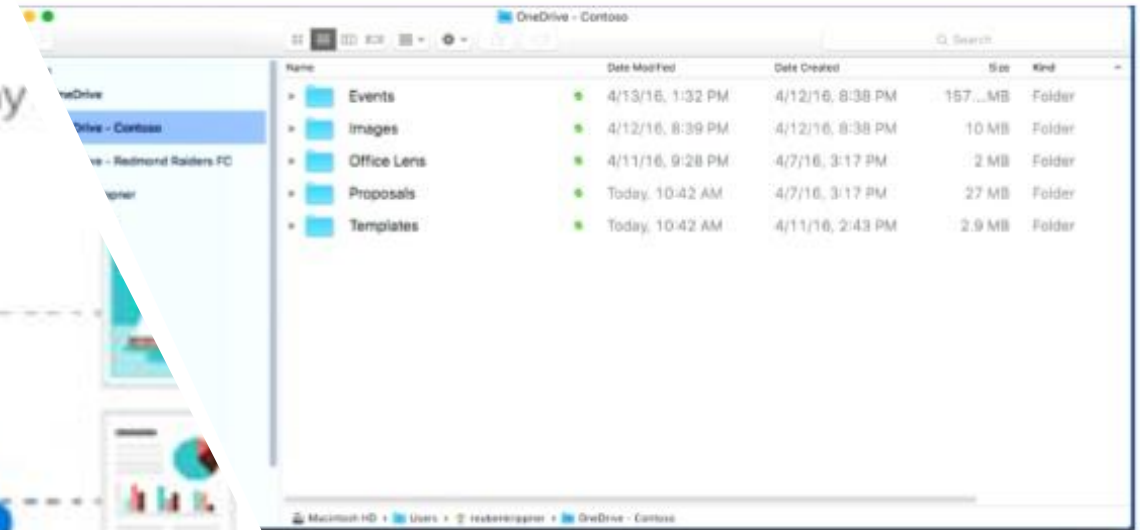
Pictures
1.5 GB

Remaining space in OneDrive: 2.5 GB

[Start protection](#)

Set up OneDrive

Put your files in OneDrive to get them from any

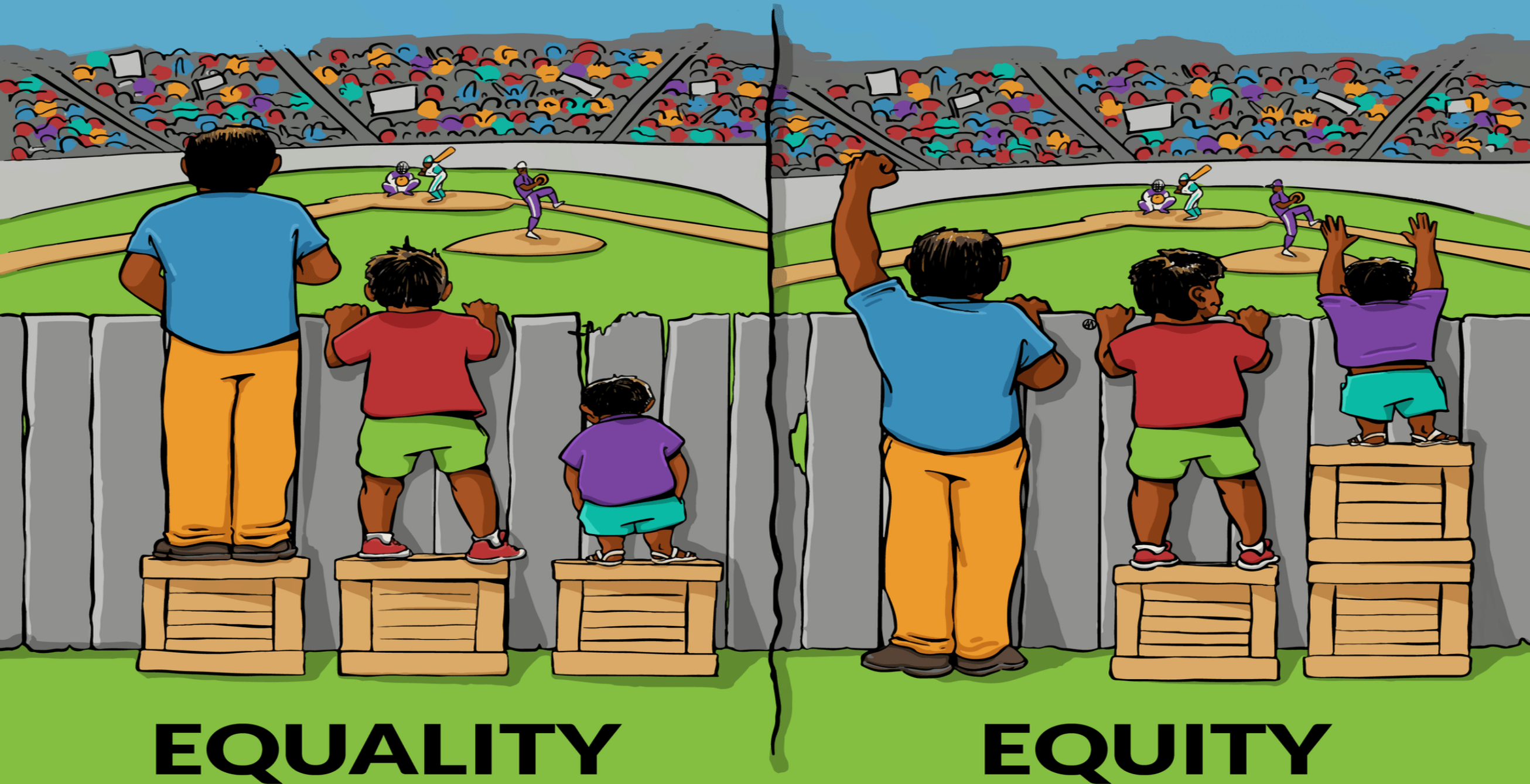


PC: <https://support.office.com/en-us/article/Get-started-with-the-new-OneDrive-sync-client-in-Windows-615391c4-2bd3-4aae-a42a-858262e42a49>

Mac: <https://support.office.com/en-us/article/OneDrive-for-Mac-FAQ-3fc4062c-8051-4392-bff1-551e32840cd0>

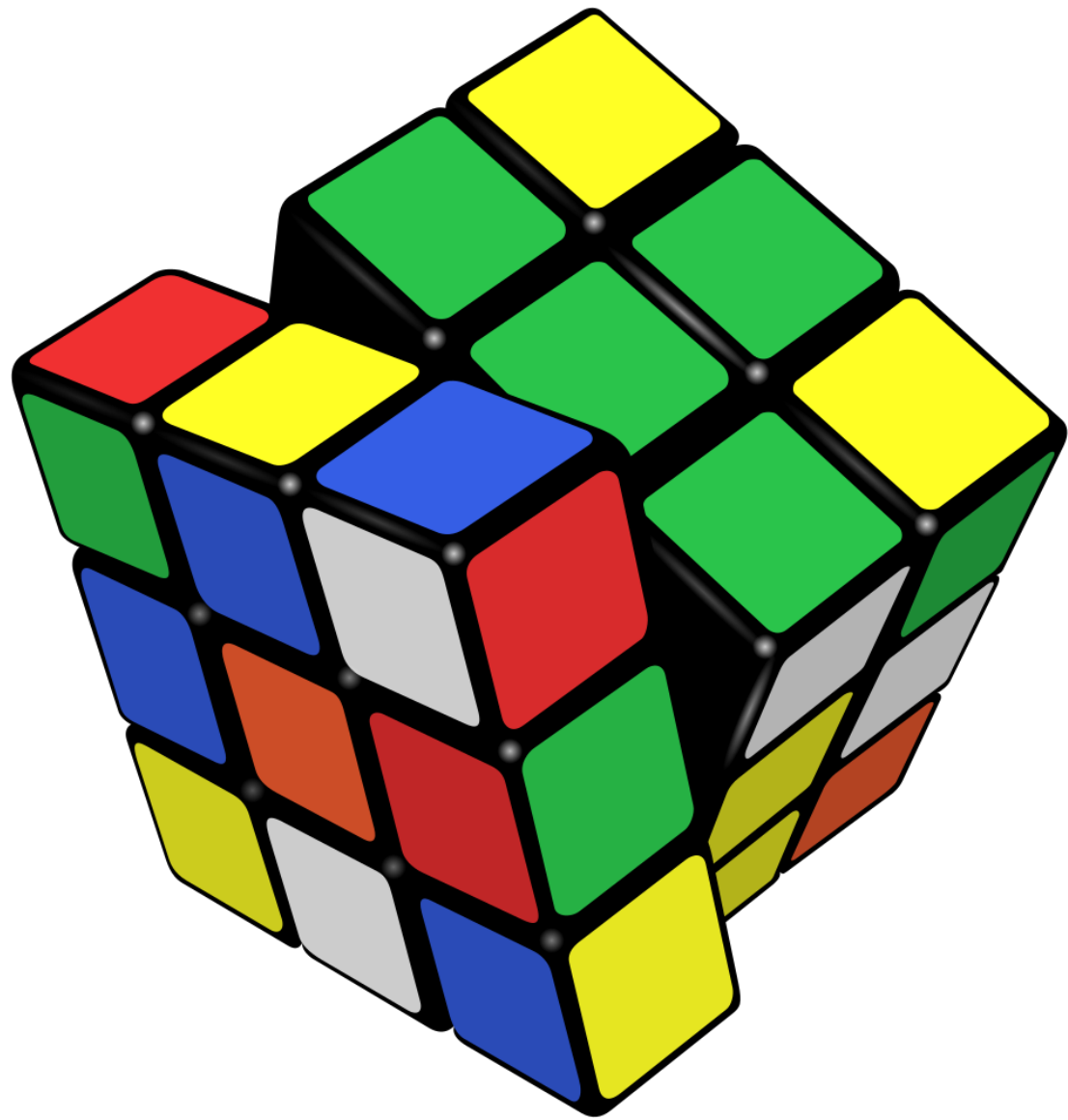
Let's
collaborate!



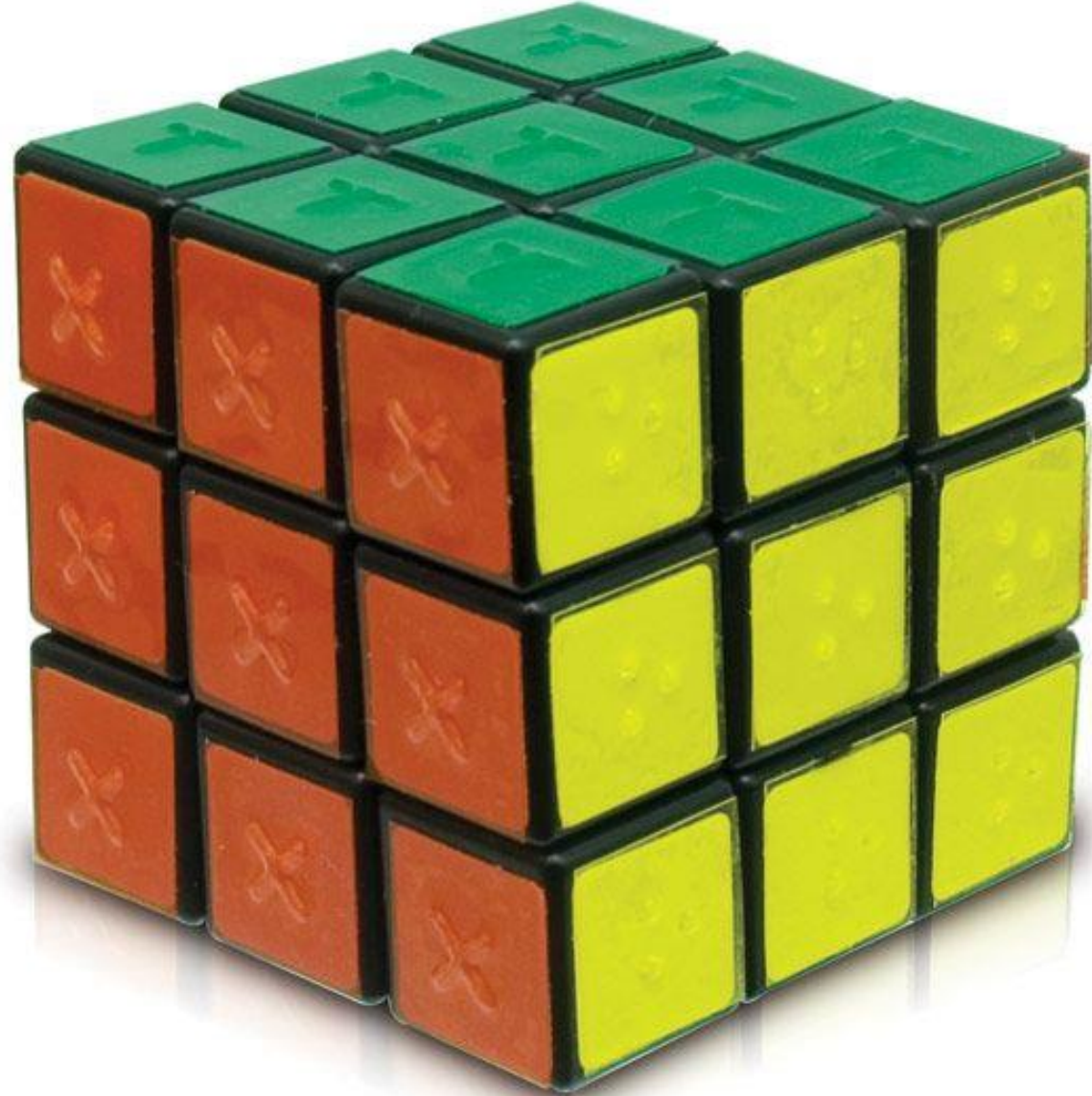


EQUALITY

EQUITY









UDL

digital

learners

Universal



Design

Multiple

alternatives means

tasks teaching

networks

Learning

CAST  YEARS OF
INNOVATION
1984-2009

Transforming education through Universal Design for Learning — <http://www.cast.org>

UDL at a glance

Universal Design for Learning Guidelines

AFFECTIVE NETWORKS:
THE **WHY** OF LEARNING



Engagement

For purposeful, motivated learners, stimulate interest and motivation for learning.

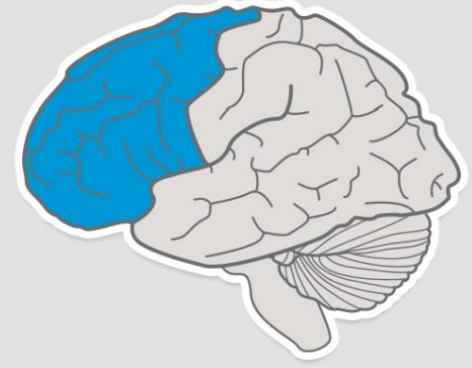
RECOGNITION NETWORKS:
THE **WHAT** OF LEARNING



Representation

For resourceful, knowledgeable learners, present information and content in different ways.

STRATEGIC NETWORKS:
THE **HOW** OF LEARNING



Action & Expression

For strategic, goal-directed learners, differentiate the ways that students can express what they know.



Building a foundation for success

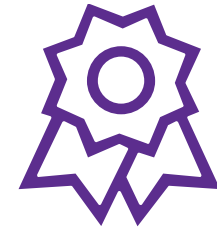
Inclusive education tools give more students personalised access to their curriculum, optimise teacher time, and improve learning outcomes.



Students increase independence and experience a reduction of stigma



Teachers are more empowered to engage every learner



Schools build reputations as positive places that promote equity and inclusion

Promoting independent learning

Accessible technologies help students with disabilities unlock their full potential by addressing a diversity of needs:



Learning

- Dyslexia
- Dysgraphia
- Dyscalculia



Visual

- Low vision
- Blind
- Colorblind



Hearing

- Deaf
- Hard of Hearing



Mobility

- Cerebral Palsy
- Muscle Dystrophy
- Amputation



Neurodiversity

- Autism
- ADD/ADHA
- Seizure



Mental Health

- Anxiety
- Depression
- OCD

[See Microsoft Accessibility features for every classroom](#)

Inclusive Classroom



Reading
Support



Writing
Support



Maths
Support



Communication

Reading Support





Microsoft Hackathon 2015 winner changes lives!



Immersive Reader (Learning Tools)

EDUCATOR
STORIES:

ONENOTE

Microsoft Education





1st Grade Emerging Readers Using Learning Tools



Sight word recognition



Listening posts and independent reading stations

Its global. English, Chinese, Dutch, Italian, Spanish, Swedish, Thai, etc.



Megan Waters @MsWatersHMS 26 Mar
The immersive reading function of OneNote Learning Tools is incredible! #MSFTEdu #FultonMIE

El Principito
Spanish 1st Year > El Principito

afirmaba: "La serpiente boa se traga su presa entera, sin masticarla. Luego ya no puede moverse y duerme durante los seis meses que dura su digestión". Reflexioné mucho en ese momento sobre las aventuras de la jungla y a mi vez logré trazar con un lápiz

G Enrique @MissGENrique 1 Apr
Reading #ElPrincipito with the help of #OneNote #LearningTools #MIEExpert #edtech #edchatie #Spanish #mflteaching

tion of Number Lines of Prog...
Explanation of Number Lines Of Progression

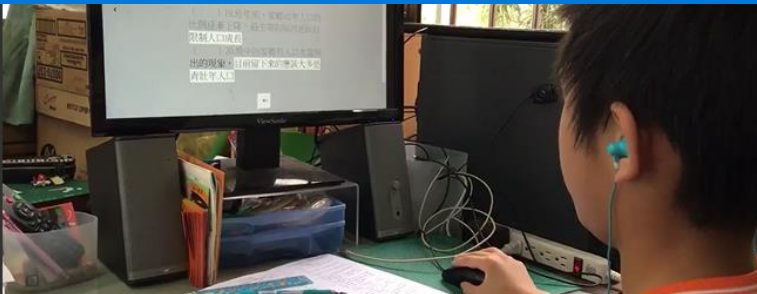
Due to the complexity of the way children learn number the number and number processes progression **line has been split into:**
Number Word Sequences
Structuring Numbers

Ian Stuart @IanStuart66 30 Mar
#OneNote with Learning Tools add-in and Scottish Voice for those at last night's #RedefineLearning event #MIEExpert

Untitled Page
My Notebook > Nytt avsnitt 3

he-ten, och ra-bat-ter-na vo-ro ej
upp-gräv-da; snö-drop-parne
hade ar-be-tat sig upp ge-nom

Jerker Porat @highonlion 21 Mar
Testat Learning Tools för #OneNote på foto av 1:sidan av Röda Rummet. Viss sv. funktion!. Coolt. #MSFTEdu #dyslexia



@teajia @teajia1 20 Apr
Thank @msonenote learning tools to help alexia student read clearly in Chinese. #MIEExpert #OneNote

Esther @Socialheize 20 Apr
Ik hou van de immersive reader plugin in OneNote, en ik ben geen dyslect. #kdo365

Translated from Dutch by bing
I love the immersive reader plugin in OneNote, and I am not a dyslect. #kdo365



Empowering

"It is an empowering tool. It evens the playing field for kids who are struggling readers. It allows them to feel more like independent learners, not depending on the teacher, not depending on peers."

– 4th grade teacher

High interest, low ability

"Nearly all of the study teachers mentioned how it enabled their readers, regardless of skill level, to access content aimed at a higher reading level. In this case, "access" means comprehension of content that had previously been unavailable."

The Office 365 logo, featuring a white 3D cube icon on the left and the text "Office 365" in white on a red rounded square background to its right.

Office 365

The Office Online logo, featuring a small white 3D cube icon on the left and the text "Office Online" in white on a red rectangular background to its right.

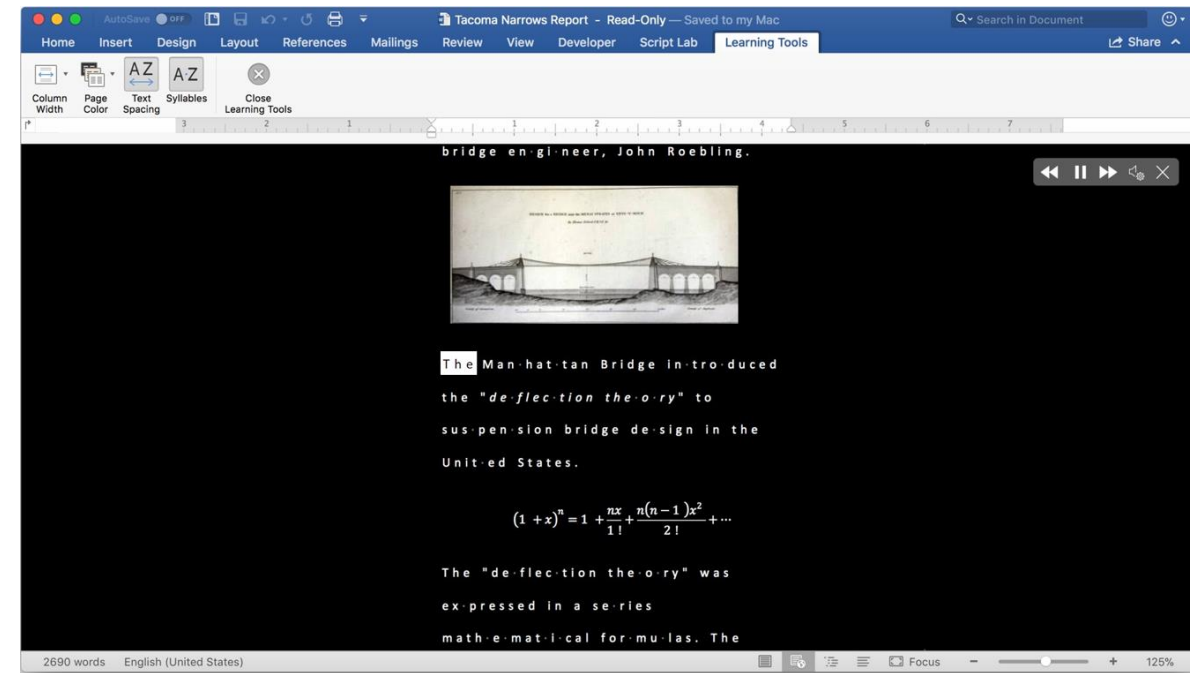
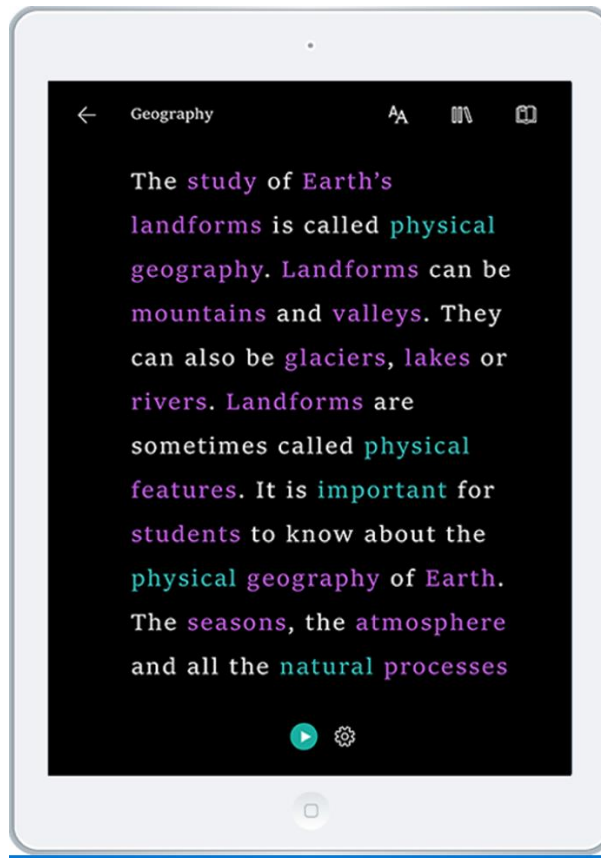
Office Online

The Microsoft Office 2019 logo, featuring a large white 3D cube icon on the left and the text "Microsoft Office 2019" in white on a red rectangular background to its right.

Microsoft[®]
Office 2019

*Immersive Reader is available in
Office 365, Office 2019 and Office Online*

OneNote for iPad & OneNote for Mac

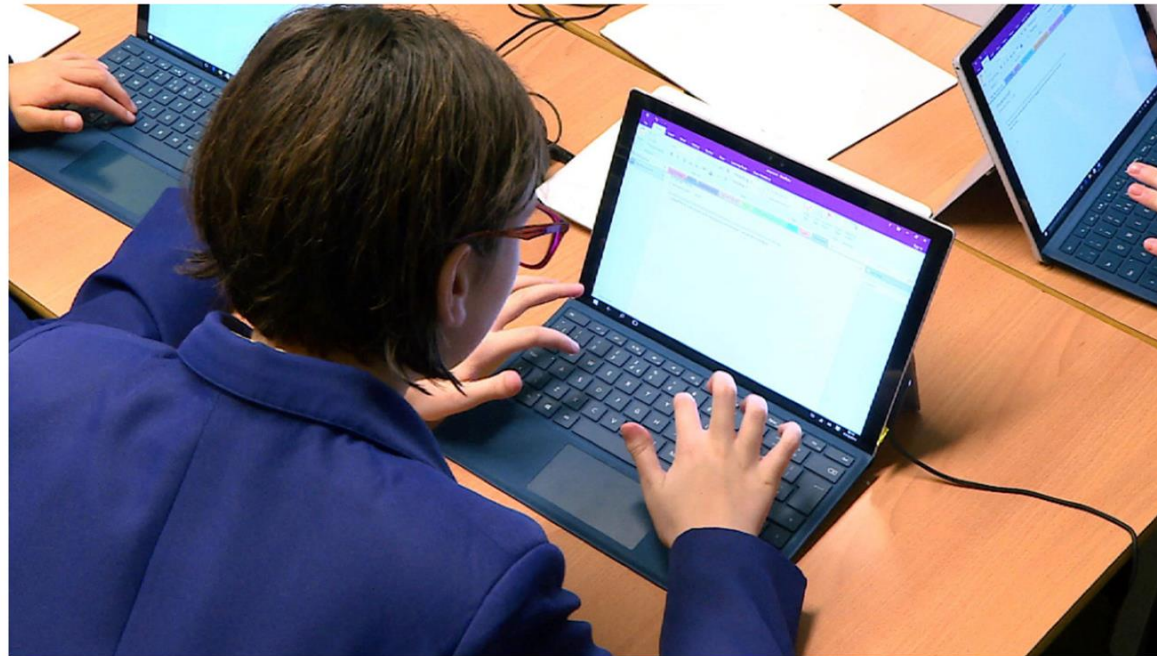


Study by the
British
Dyslexia
Association
and Knowl Hill

Trial finds using Microsoft's OneNote software boosts dyslexic children's learning

A trial finds 16 out of 18 children showed improved behaviour and 11 out of 16 saw their reading comprehension get better.

11:21, UK,



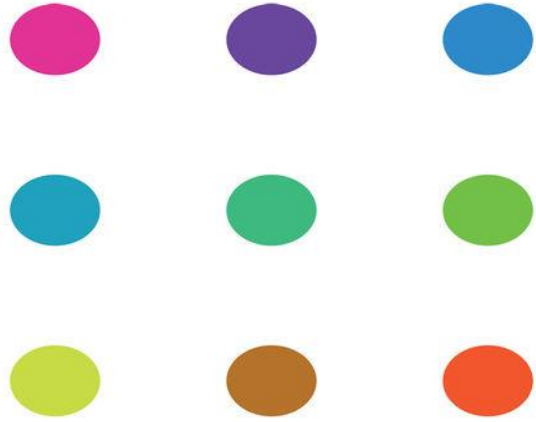
Learning Tools 3rd party research study – RTI

- 4th grade, 6th-8th, and 10-12th grade students
- Reading Comprehension scores improved
- Writing improved
- Non-cognitive processes improved
- Equal access of materials
- Full Report:
<http://aka.ms/LearningToolsStudy>



Leveling the Playing Field with Microsoft *Learning Tools*

Katherine McKnight, PhD
Center for Evaluation & Study of Educational Equity
RTI International



MADE BY
DYSLEXIA



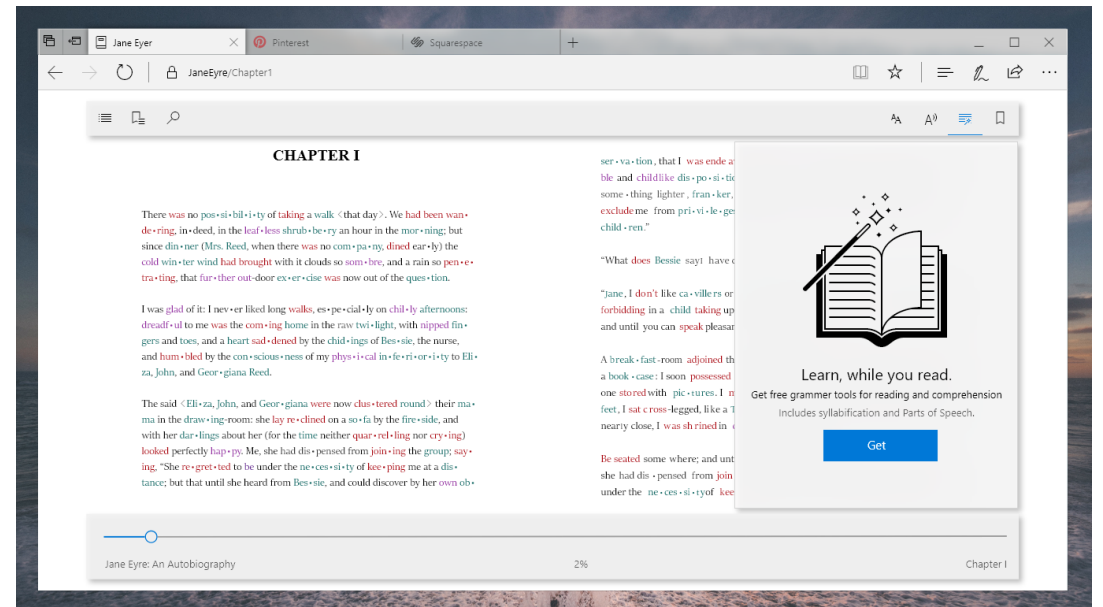
Microsoft

In 2018, Microsoft was the first company to sign the Made By Dyslexia pledge.

scans whiteboards



Edge, Windows 10



Microsoft Learning Tools Availability

Read Aloud & word/line highlighting	OneNote Desktop	OneNote Online	OneNote App	OneNote iOS	OneNote Mac	Word Online	Word Desktop	Word Mac	Word iPad	Outlook Web	Outlook Desktop	Teams	Flipgrid	Flipgrid iOS	Flipgrid Android	Office Lens	Edge browser
Spacing and Font Size	OneNote Desktop	OneNote Online	OneNote App	OneNote iOS	OneNote Mac	Word Online	Word Desktop	Word Mac	Word Ipad	Outlook Web	Outlook Desktop	Teams	Flipgrid	Flipgrid iOS	Flipgrid Android	Office Lens	Edge browser
Page Colors	OneNote Desktop	OneNote Online	OneNote App	OneNote iOS	OneNote Mac	Word Online	Word Desktop	Word Mac	Word iPad	Outlook Web	Teams	Flipgrid	Flipgrid iOS	Flipgrid Android	Office Lens	Edge Browser	
Syllables	OneNote Desktop	OneNote Online	OneNote App	OneNote iOS	OneNote Mac	Word Online	Word Desktop	Outlook Web	Teams	Flipgrid	Flipgrid iOS	Flipgrid Android	Edge Browser				
Line Focus	OneNote Desktop	OneNote Online	OneNote App	OneNote iOS	OneNote Mac	Word Online	Word Desktop	Outlook Web	Teams	Flipgrid	Flipgrid iOS	Flipgrid Android	Edge Browser				
Parts of Speech	OneNote Desktop	OneNote Online	OneNote App	OneNote iOS	OneNote Mac	Word Online	Outlook Web	Teams	Flipgrid	Flipgrid iOS	Flipgrid Android	Edge Browser					
Translation	OneNote Online	OneNote App	OneNote iOS	OneNote Mac	Word Online	Outlook Web	Teams	Flipgrid	Flipgrid iOS	Flipgrid Android							
Picture Dictionary	OneNote Online	OneNote App	OneNote iOS	OneNote Mac	Word Online	Outlook Web	Teams	Flipgrid	Flipgrid iOS	Flipgrid Android							
Dictation	OneNote Desktop	OneNote App	OneNote Online	Word Desktop	Word Online	Outlook Desktop	PPT Desktop	Windows 10									
Math & Equations	OneNote Online	OneNote App	OneNote iOS	OneNote Mac	Word Desktop	Word Online	PPT Desktop										

Learning Tools Flyer for PD: <http://aka.ms/LearningToolsFlyer>

Windows Mixed Reality Immerse yourself in reality





The ^{n.} stud·y of Earth's land·forms ^{n.} is ^{v.}

^{v.} called ^{adj.} phys·i·cal ^{n.} ge·og·ra·phy.

^{n.} Land·forms ^{v.} can ^{v.} be ^{n.} moun·tains and

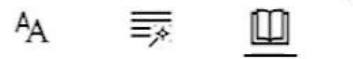
^{n.} val·leys. They ^{v.} can ^{adv.} al·so ^{v.} be ^{n.} gla·ciers

^{n.} or riv·ers. Land·forms ^{v.} are ^{adv.} some·times

^{v.} called ^{adj.} phys·i·cal ^{n.} feat·ures. It ^{v.} is

^{adj.} im·por·tant for ^{n.} stu·dents to ^{v.} know

^{adj.} ^{n.}



© Boardmaker

Beta

Translate



Immersive Reader in Virtual Reality (Beta)

- Target audiences: ADHD, autism, dyslexia, visual impairments (*which includes Senior Citizens*)
- “VR with Purpose” – using VR in a new way for schools.
- We will be testing this out over the few months, researchers involved



Writing support with Dictation, Editor, and Word Prediction



“Our pupils all pretty much without exception hate writing. The learning tools transformed writing for our pupils.”
- Jan Lusty, Head of School at Knowl Hill

Educator Needs - Teaching students to Write

- ✓ Fixing everything is not productive... encourage students to choose what's most important
- ✓ Tackling everything at once can be overwhelming
- ✓ Want tools to let students self-assess their writing... clearly see what to work on



Spelling check – Challenges for people with Dyslexia

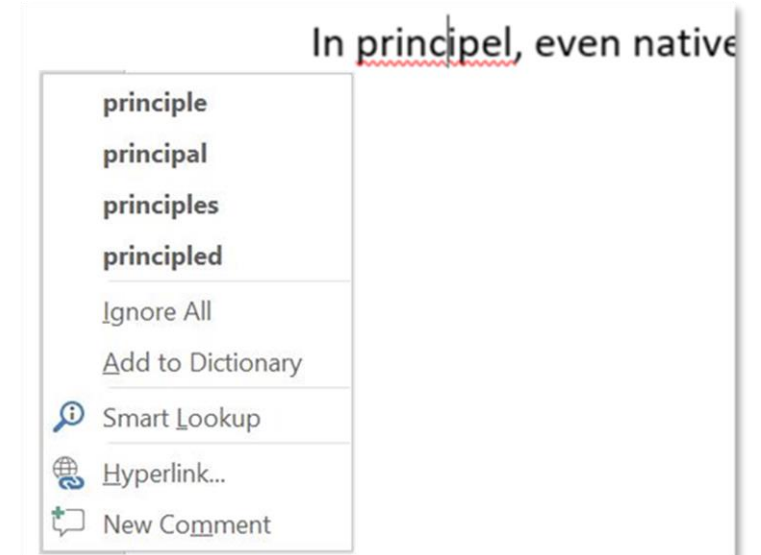
Challenges

Traditional Office Spelling menu

1. Difficulty **perceiving the differences & determining which is correct**, in a list of similarly spelled words

2. Burdened by too many choices

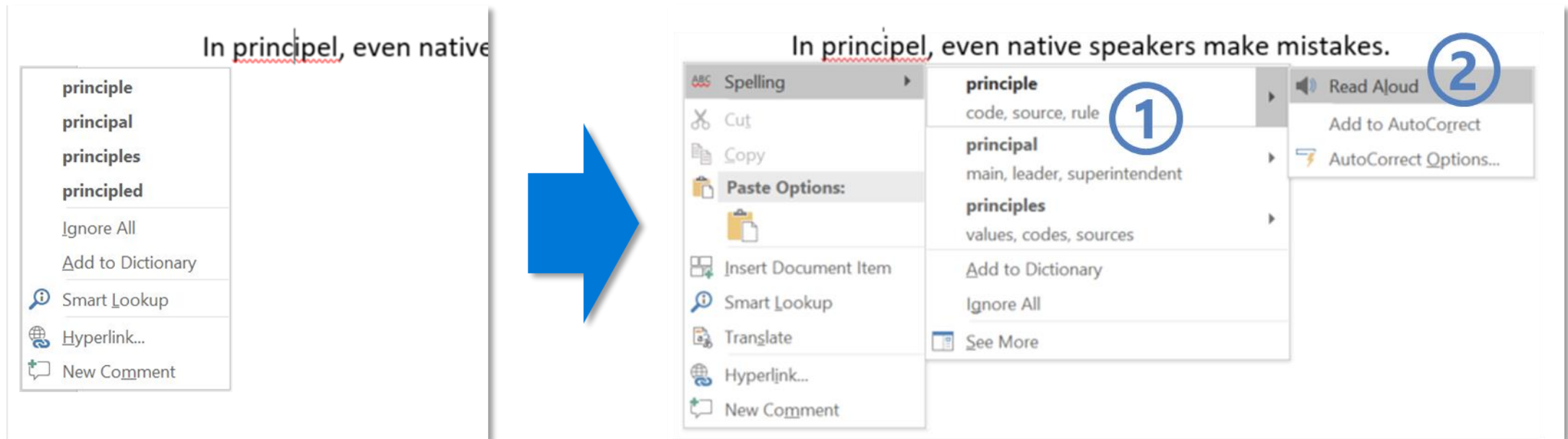
3. Unique spelling error patterns



1. No context or other cues to help choose the right word
2. Up to 5 different suggestions
3. Prone to show “No Suggestions” for high edit-distance errors

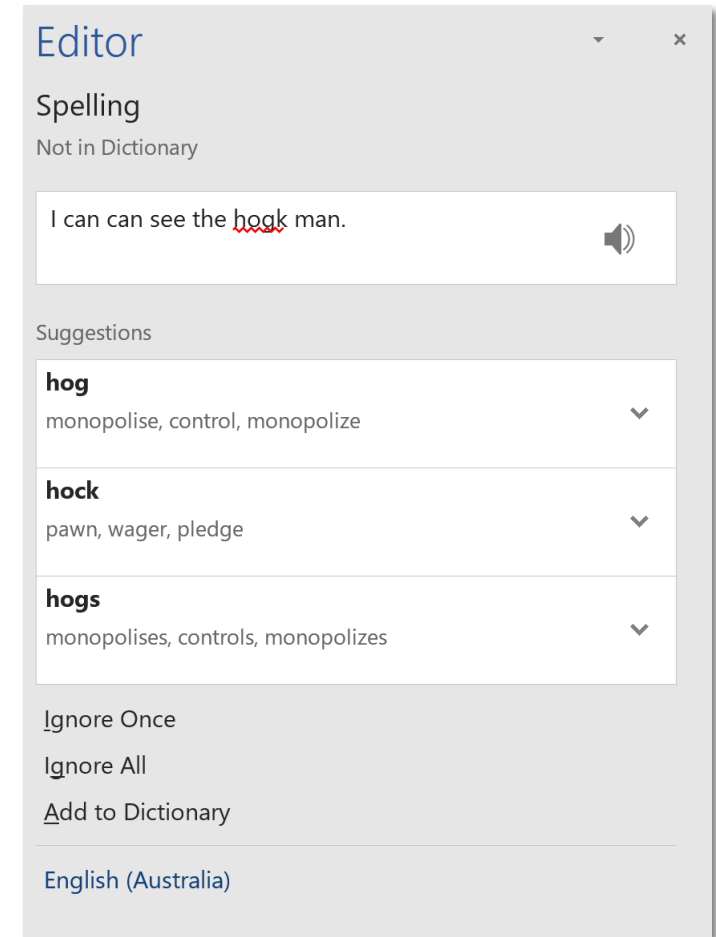
Editor – Inclusive design to benefit everyone

- Contextual cues help people identify the right choice
 1. **Synonyms** help **disambiguate** between similar-looking suggestions
 2. **Read Aloud** (of both suggestions & synonyms) aids **comprehension**
- Better suggestions and significantly reduced incidence of “No Suggestions”
- Improved compatibility with screen readers and other ATs



Editor Overview Pane: Find & Fix the issues you care about

1. A categorised Overview of writing enhancement opportunities
 - **Corrections** are issues you're strongly advised to fix
 - **Refinements** give optional advice on stylistic or situational matters
 - **Counters** and **Checkmarks** track progress & celebrate achievement
2. Draws attention to elements of Good Writing
 - Gives students a dashboard for **self-assessment**
 - Gives teachers a scorecard to drive **learning goal conversations**
 - Presents the **breadth and depth** of checks in a manageable way
3. Flexible Workflow choices let you spend time purposefully
 - Scrub the document one **Category at a time**
 - Fix in a recommended **sequence**: Spelling > Grammar > Refinements
 - Focus attention on Categories important for your **Writing Goals**



Dictation

The screenshot shows the Microsoft Word ribbon with the 'Dictate' button in the 'Voice' group. The main text area contains a paragraph of text with several words underlined in red and blue. The text is: "Shepard Brandy. I sprayd with her. We set down and played antil I had to eating I went back yed tag with her and I 11 times so she beat me. s. Then we sang a song nded to be a car but I was". The words 'sprayd', 'antil', 'yed', and 'nded' are underlined in red, while 'times' and 'car' are underlined in blue. The ribbon includes 'Styles' (BbCcDd, AaBbCc, AaBbCcD, AaB|, Heading 1, Heading 2, Title), 'Editing' (Find, Replace, Select), and 'Voice' (Dictate).

Microsoft
Troy Waller (Adecco)
Tell me what you want to do
Share
BbCcDd AaBbCc AaBbCcD AaB|
to Spac... Heading 1 Heading 2 Title
Styles
Find
Replace
Select
Editing
Dictate
Voice

Shepard Brandy. I sprayd
with her. We set down
and played antil I had to
eating I went back
yed tag with her and I
11 times so she beat me.
s. Then we sang a song
nded to be a car but I was



Say the following phrases to add punctuation to your text:

Period

Comma

Question mark

Exclamation point

Exclamation mark

New line

New paragraph

Semicolon

Colon

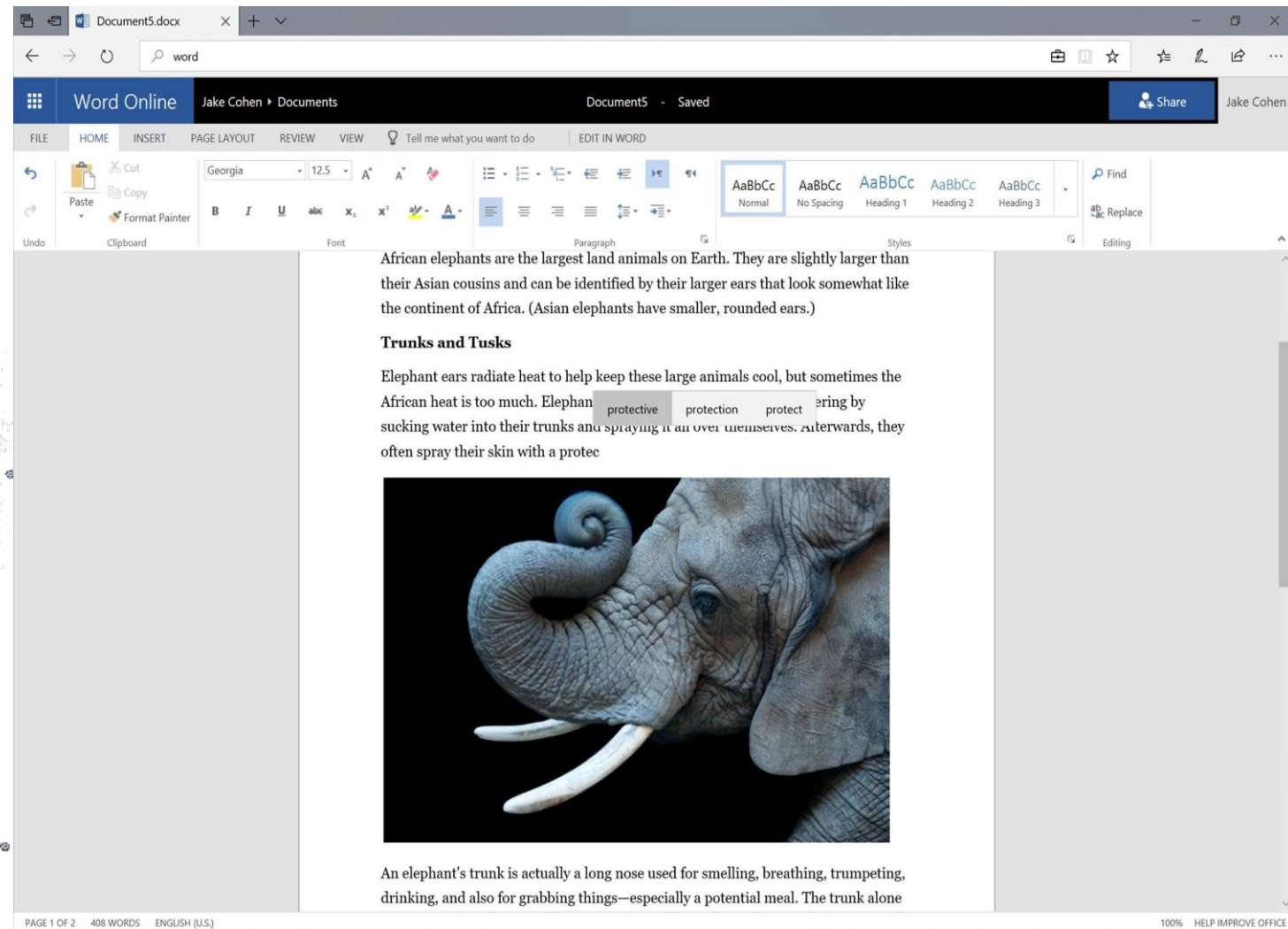
Open quote

Close quote

Open quotes

Close quotes

Word Prediction for Windows 10




The screenshot shows the Microsoft Word Online interface. The document title is "Document5.docx". The ribbon includes FILE, HOME, INSERT, PAGE LAYOUT, REVIEW, and VIEW. The HOME ribbon is active, showing Font, Paragraph, and Styles groups. The text in the document reads: "African elephants are the largest land animals on Earth. They are slightly larger than their Asian cousins and can be identified by their larger ears that look somewhat like the continent of Africa. (Asian elephants have smaller, rounded ears.)" Below this is a section header "Trunks and Tusks" followed by the text: "Elephant ears radiate heat to help keep these large animals cool, but sometimes the African heat is too much. Elephan protective protection protect ering by sucking water into their trunks and spraying it all over themselves. Afterwards, they often spray their skin with a protec". A word prediction dropdown menu is visible above the word "Elephan", showing suggestions: "protective", "protection", and "protect". Below the text is an image of an elephant's head with its trunk curled. The status bar at the bottom indicates "PAGE 1 OF 2", "408 WORDS", "ENGLISH (U.S.)", and "100% HELP IMPROVE OFFICE".

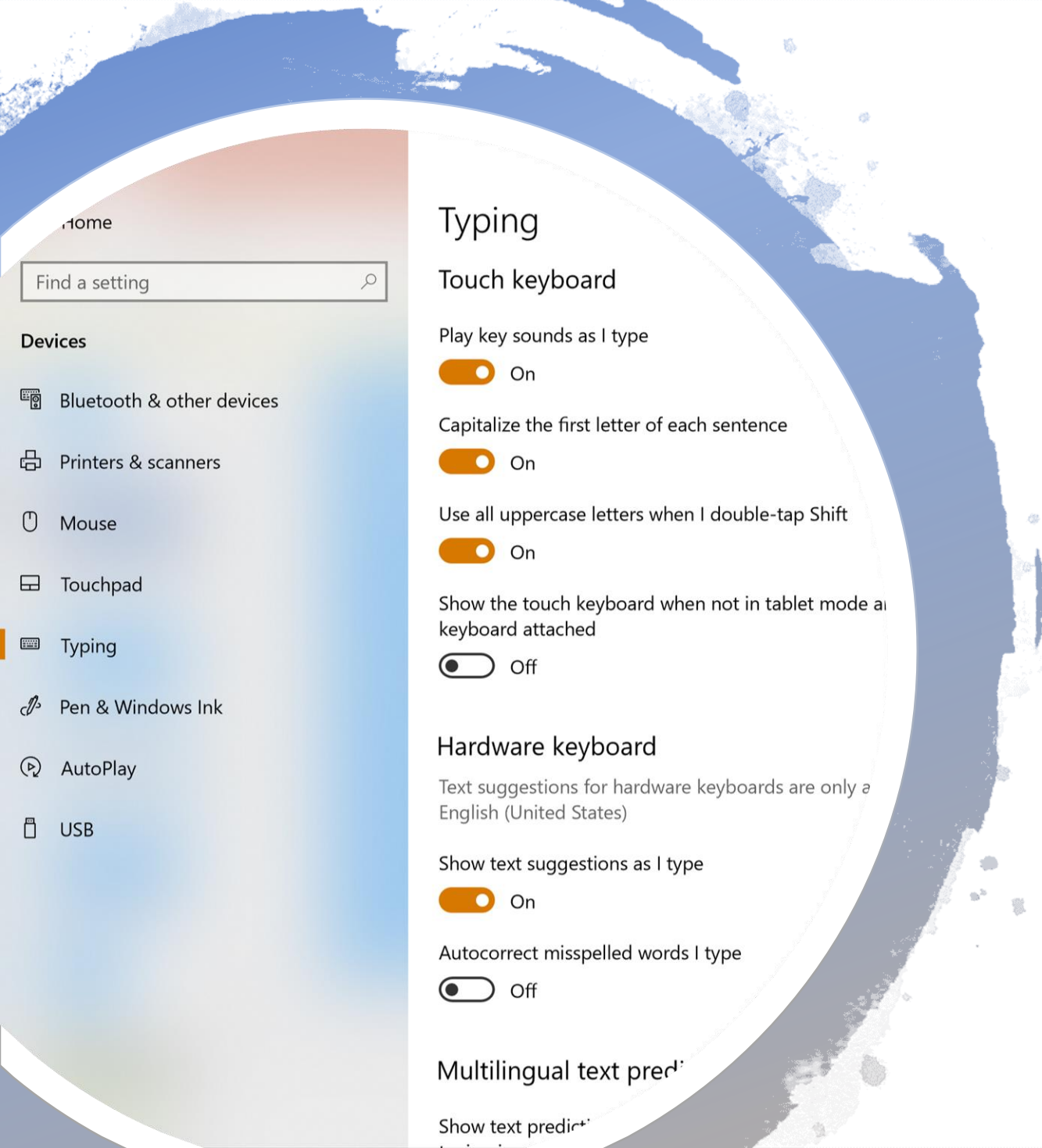
African elephants are the largest land animals on Earth. They are slightly larger than their Asian cousins and can be identified by their larger ears that look somewhat like the continent of Africa. (Asian elephants have smaller, rounded ears.)

Trunks and Tusks

Elephant ears radiate heat to help keep these large animals cool, but sometimes the African heat is too much. Elephan protective protection protect ering by sucking water into their trunks and spraying it all over themselves. Afterwards, they often spray their skin with a protec



An elephant's trunk is actually a long nose used for smelling, breathing, trumpeting, drinking, and also for grabbing things—especially a potential meal. The trunk alone



Typing

Touch keyboard

Play key sounds as I type



On

Capitalize the first letter of each sentence



On

Use all uppercase letters when I double-tap Shift



On

Show the touch keyboard when not in tablet mode at keyboard attached



Off

Hardware keyboard

Text suggestions for hardware keyboards are only a English (United States)

Show text suggestions as I type



On

Autocorrect misspelled words I type



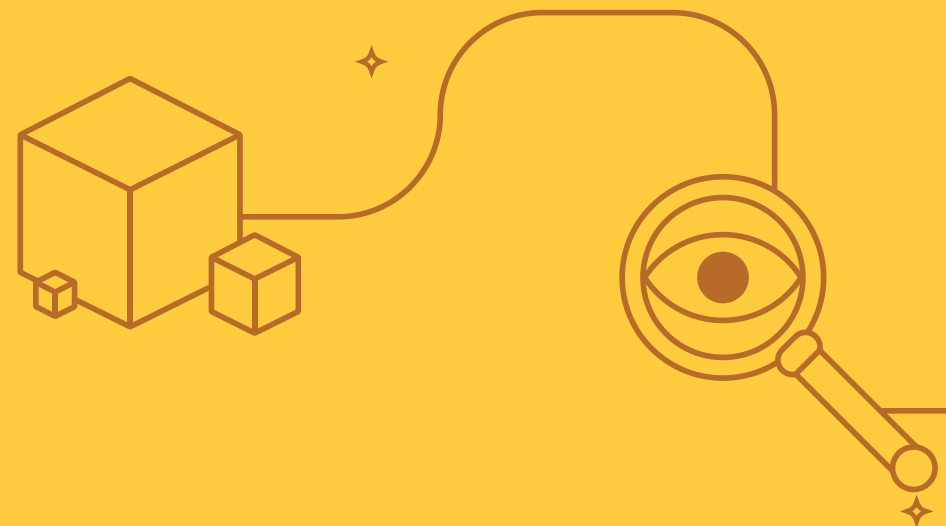
Off

Multilingual text prediction

Show text prediction

Word Prediction, Windows 10

Maths Support



Maths Support

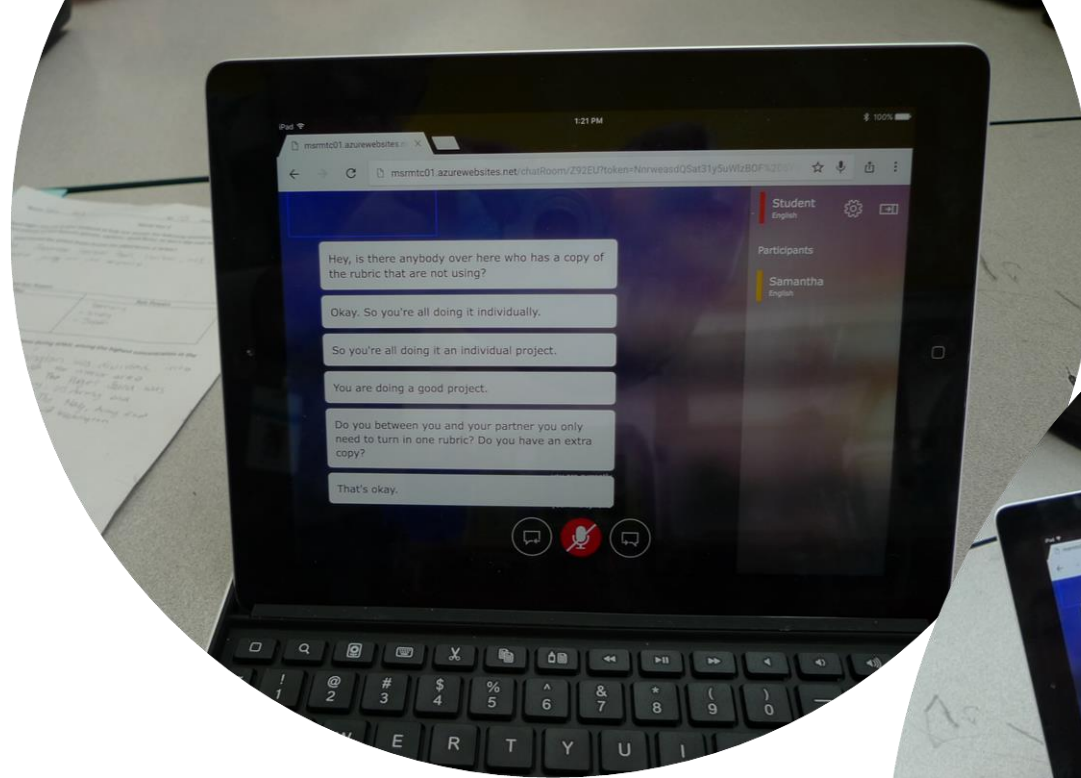
Challenges for Students

- Dyslexia – reading story problems, visual crowding
- ADHD – focus and attention
- Dyscalculia
- Mobility impairments

Microsoft Capabilities

- Immersive Reader Math Equations
- Multiple forms of input – Typing, Ink, Speech
- Convert ink or text to Math
- Step-By-Step solver

Help students gain independence



Microsoft Translator
[translator.microsoft.com](https://www.translator.microsoft.com)

How this works



1. Start

Click on "Start conversation", log in and enter your name and language.



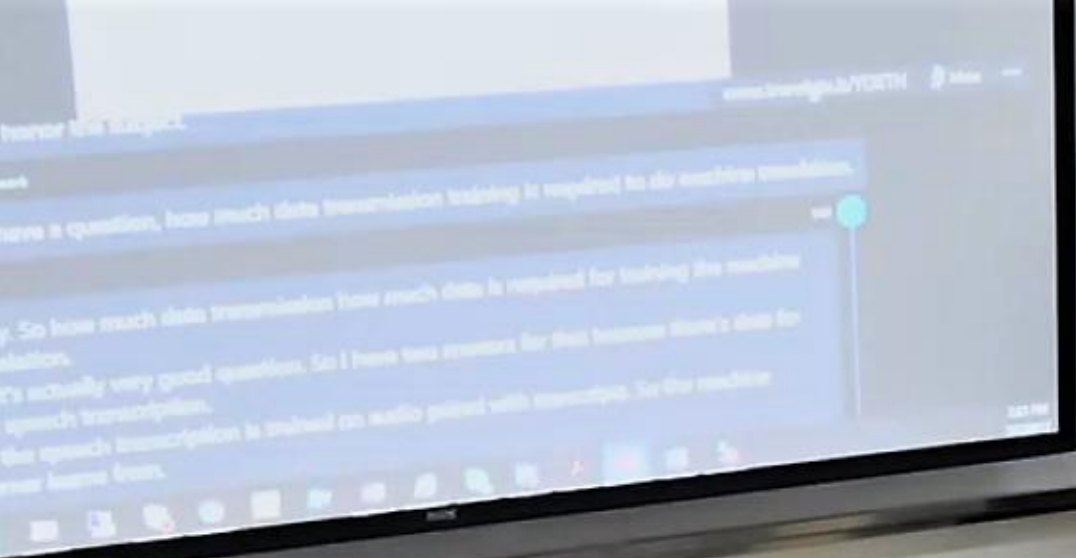
2. Share

Share the conversation code with other participants, who can join using the Translator app or website



3. Speak

Speak or type in your language to communicate with other participants in the conversation. Other participants will see your messages in their own language.



Multilingual class

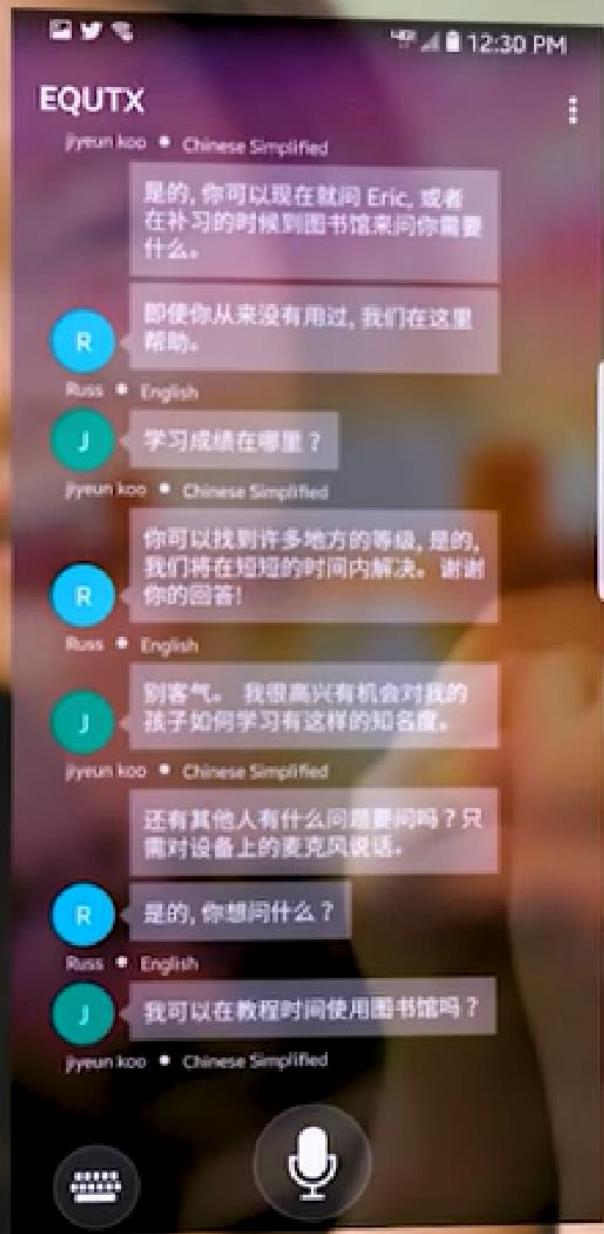
CHINESE

KOREAN

JAPANESE

SPANISH







Microsoft Translator

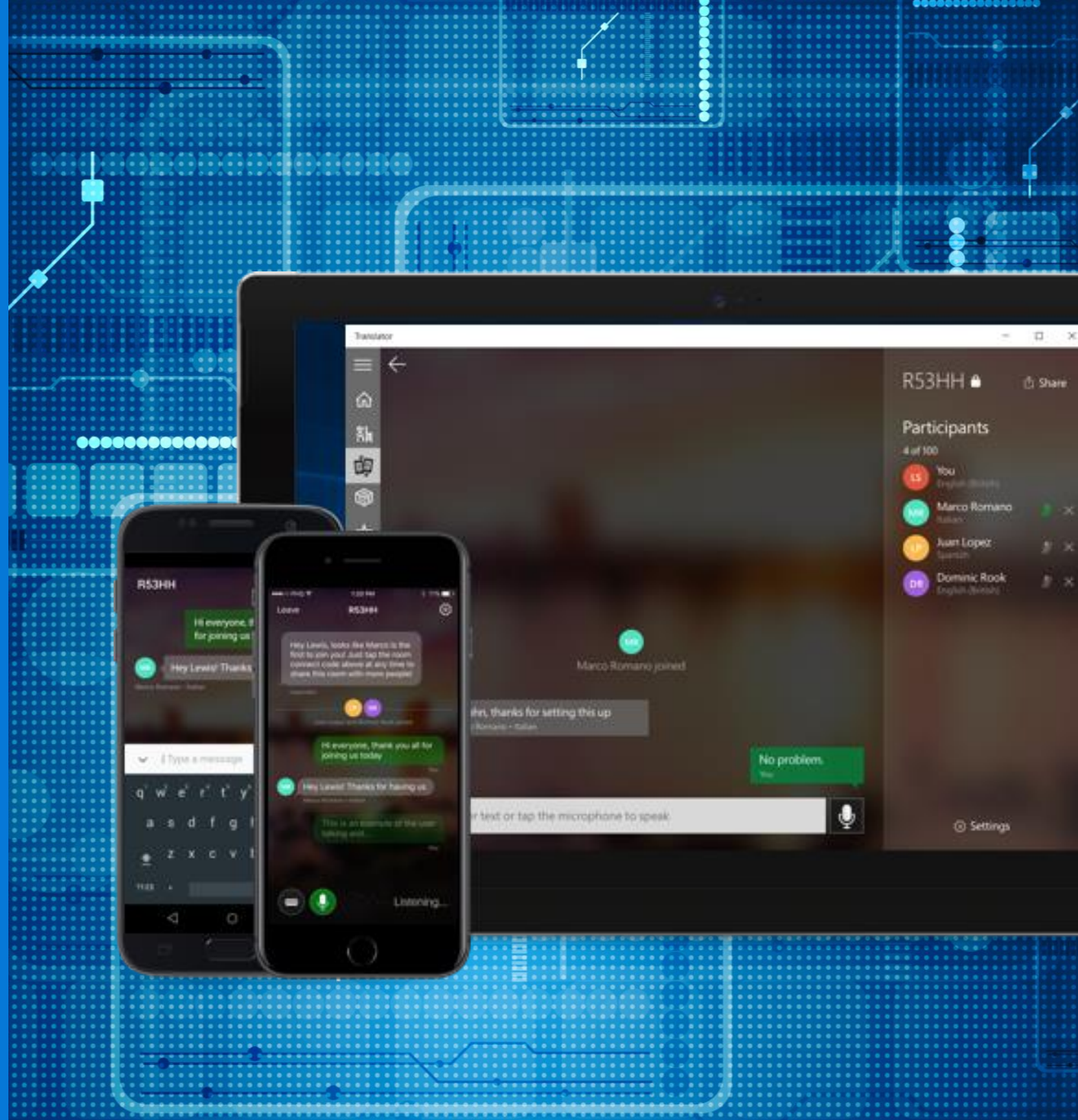
Smartphone apps for in-person, multi-device translation for two or more participants, speech or text

10 speech languages and 63 text languages

Up to 100 participants at the same time

Free Apps on iOS, Android, Windows UWP, PowerPoint and web.

<https://translator.microsoft.com/help/education/>



Support for the deaf



it was a fantastic experience.

Windows 10 Accessibility



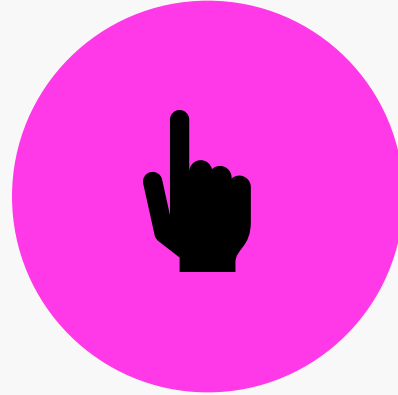
vision

Make your device easier to see or use without a screen.



hearing

Make your device easier to hear or use without sound.



physical

Make your device easier to use if you have limited reach or strength.



cognition

Make it easier to focus and get things done with Windows.

www.microsoft.com/en-au/Accessibility/windows

Make your PC easier to use - Windows 10 Ease of Access

Windows Settings

Find a setting 



System

Display, sound, notifications, power



Devices

Bluetooth, printers, mouse



Phone

Link your Android, iPhone



Network & Internet

Wi-Fi, airplane mode, VPN



Personalization

Background, lock screen, colors



Apps

Uninstall, defaults, optional features



Accounts

Your accounts, email, sync, work, other people



Time & Language

Speech, region, date



Gaming

Game bar, captures, broadcasting, Game Mode



Ease of Access

Narrator, magnifier, high contrast



Cortana

Cortana language, permissions, notifications



Privacy

Location, camera



Update & Security

Windows Update, recovery, backup

Microsoft accessibility

There are no limits to what people can achieve when technology reflects the diversity of everyone who uses it.



Connect with us in person today or anytime through our support and feedback channels.

Call the Disability Answer Desk:
aka.ms/AccessibilitySupport

Give suggestions in User voice:
aka.ms/AccessibilityFeedback

Message us on social media:
twitter.com/MSFTEnable

Minecraft, Autism and Education: Thinking Inside the Box

<https://www.autismspectrum.org.au/blog/minecraft-autism-and-education-thinking-inside-box>

- There are firm rules but freedom to create.
- It's easy to get into.
- It's real but it's not.
- You can build whatever you want.
- You can follow your own interests.
- *Minecraft* is forgiving.
- People can't mess up your stuff.

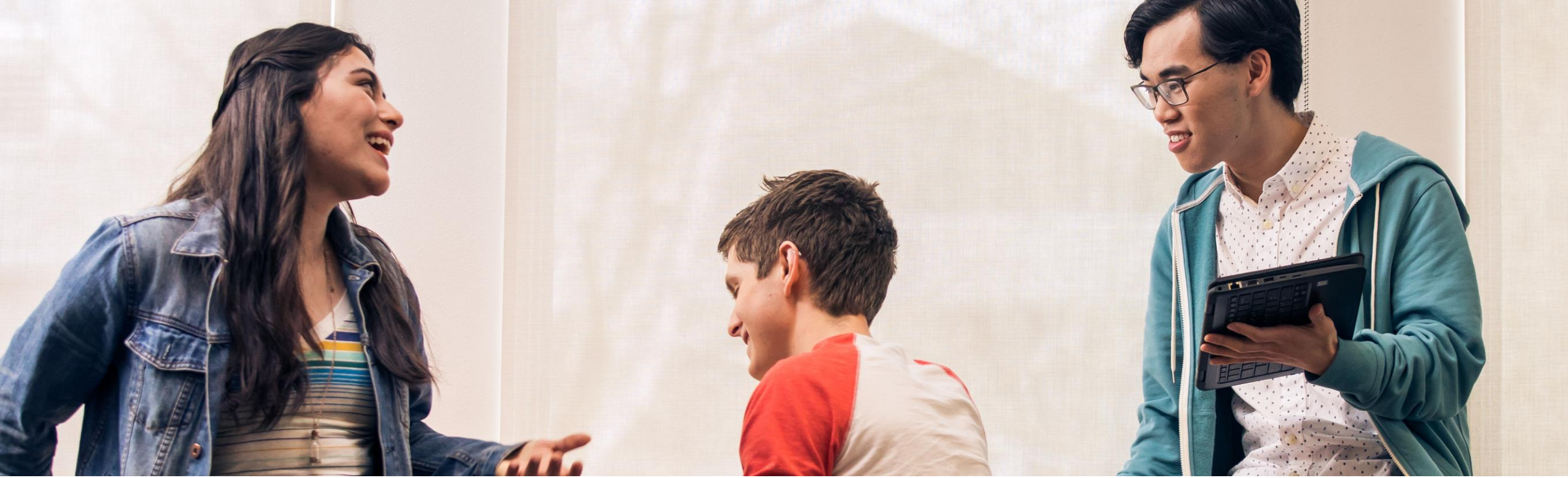




Minecraft
Middle School

Minecraft
Middle School





Get the Inclusive Classroom IT Deployment Guides

<http://aka.ms/InclusiveDeployment>

Empowering every student with Microsoft Education

All students can achieve more when they have access to the right tools.



Learning Tools

Assist with comprehension, fluency, and decoding

Word, OneNote, Outlook Web Access, and Edge



Word Prediction

Save typing time and word input with predictive text in multiple languages

Windows 10



Dictate

Use voice to dictate directly into documents

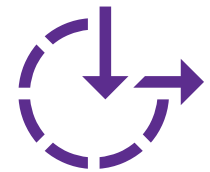
Word, Excel, PowerPoint, OneNote, Outlook



Editor

Write easy-to-read documents

Word, Excel, PowerPoint, OneNote, Outlook



Ease of Access

Make accessibility easier to discover, learn, and use

Vision, hearing, mobility, cognition

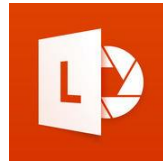
Accessibility tools improve outcomes

Teachers are better able to support academic improvement for all students with tools that enable inclusive teaching.



Microsoft
Translator

Get real-time subtitles and translations of text, websites, pictures, and voice



Office Lens

Digitise whiteboard or blackboard notes and convert them to Microsoft Word, PowerPoint, or PDF



Accessibility
Checker

Make sure your Word, PowerPoint, and Excel documents are accessible



Automatic
alt text

Using AI, Microsoft Translator will automatically provide image descriptions

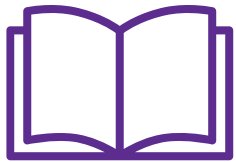


Microsoft
Stream

Get automatic transcriptions of audio or video recordings

Freedom to explore possibilities

Built-in accessibility solutions from Microsoft help reduce the stigma of learning challenges and provide students with the tools they need to fully engage with their curricula, classmates, and teachers in powerful new ways.



Reading

Learning Tools and immersive reader technologies provide a critical link for students who need help accessing course content



Writing

Tools like Enhanced Dictation help make writing and in-class note taking easier and more efficient



Instruction

Automated alt text and Translator ensure that students can access the content that teachers are presenting

UDL
digital

learners

students

Learning

Design

Multiple

alternatives

means

Universal

learning

networks

tasks

teaching

customize

engaged differences organize alive challenge today's easier tap ideas CAST bringing imagine information strategic affective Planning behind solving offers expression recognition Identifying recognition provide various excited motivate love read Strategic learn categorize style principles ever author's help identify curriculum help makes motivated appropriately interested Writing action therefore multiple ways performing brain individual teaching problem essay media

Gathering knowledge dimensions hopes know left letters universally-designed educators classrooms Recognition represent opportunity express see math interests engagement challenged words tomorrow three

finally Affective Flexible

Universal Design for Learning Guidelines

I. Provide Multiple Means of Representation

1. Provide options for perception

- Options that customize the display of information
- Options that provide alternatives for auditory information
- Options that provide alternatives for visual information

2. Provide options for language and symbols

- Options that define vocabulary and symbols
- Options that clarify syntax and structure
- Options for decoding text or mathematical notation
- Options that promote cross-linguistic understanding
- Options that illustrate key concepts non-linguistically

3. Provide options for comprehension

- Options that provide or activate background knowledge
- Options that highlight critical features, big ideas, and relationships
- Options that guide information processing
- Options that support memory and transfer

II. Provide Multiple Means of Action and Expression

4. Provide options for physical action

- Options in the mode of physical response
- Options in the means of navigation
- Options for accessing tools and assistive technologies

5. Provide options for expressive skills and fluency

- Options in the media for communication
- Options in the tools for composition and problem solving
- Options in the scaffolds for practice and performance

6. Provide options for executive functions

- Options that guide effective goal-setting
- Options that support planning and strategy development
- Options that facilitate managing information and resources
- Options that enhance capacity for monitoring progress

III. Provide Multiple Means of Engagement

7. Provide options for recruiting interest

- Options that increase individual choice and autonomy
- Options that enhance relevance, value, and authenticity
- Options that reduce threats and distractions

8. Provide options for sustaining effort and persistence

- Options that heighten salience of goals and objectives
- Options that vary levels of challenge and support
- Options that foster collaboration and communication
- Options that increase mastery-oriented feedback

9. Provide options for self-regulation

- Options that guide personal goal-setting and expectations
- Options that scaffold coping skills and strategies
- Options that develop self-assessment and reflection

Redefine what's possible in *your* school

We would love you to spread the word about Microsoft 365 Inclusive Classroom and tell:

- Students
- Teachers
- Aides and ES Staff
- Support Professionals
- Principals
- Parents and care givers

We invite you to continue discovering how to use technology to personalise learning and empower your students.



[Click here to access](#)

Empower every student with an inclusive classroom

POSTED

06/20/2018

DURATION

01:00



Microsoft



131



324



11



Complete this course to earn:



Points: 500

[SIGN IN](#)

[JOIN NOW](#)

Description

This course is designed for educators of all subject areas who want to empower students to utilize tools to unlock their full potential by addressing a diversity of needs.

- Practice creating an accessible and personalized experience in Windows 10 and Office 365
- Learn the tools and apps available to create accessible content
- Understand the importance of personalizing the learning device

[Click here to access](#)[Home](#) > [Courses and resources](#) > [Courses](#) > [Literacy Tools for Inclusive Classrooms \(presenter-led training\)](#)

Literacy Tools for Inclusive Classrooms (presenter-led training)

POSTED

08/22/2018

DURATION

04:00



88



230



9

**Complete this course to earn:**

Points: 1500

[SIGN IN](#)

Note

The materials included in this course are designed for face-to-face trainings within your school, district, or school system. If you are a teacher, school leader, or staff development professional, download these adaptable materials to conduct your own teacher-facing instruction. After you deliver this training, ask participants to visit this page at <https://aka.ms/LiteracyToolsTraining>, sign in, and take the quiz at the bottom to earn 1500 points with the Microsoft Educator Community.

Home > Courses and resources > Courses > Mobile Tools for Inclusive Classrooms (presenter-led training)

Mobile Tools for Inclusive Classrooms (presenter-led training)

POSTED

08/22/2018

DURATION

01:15



Microsoft



66



167



9



Complete this course to earn:



Points: 500

[SIGN IN](#)

Note

The materials included in this course are designed for face-to-face trainings within your school, district, or school system. If you are a teacher, school leader, or staff development professional, download these adaptable materials to conduct your own teacher-facing instruction. After you deliver this training, ask participants to visit this page at <https://aka.ms/MobileToolsTraining>, sign in, and take the quiz at the bottom to earn 500 points with the Microsoft Educator Community.

Home > Courses and resources > Resources > Helpful links for Microsoft's inclusive classroom experiences

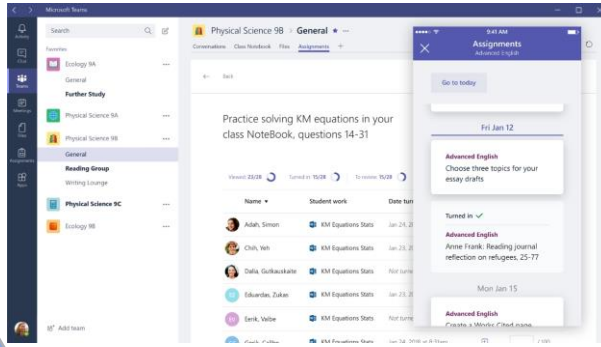
Helpful links for Microsoft's inclusive classroom experiences

POSTED

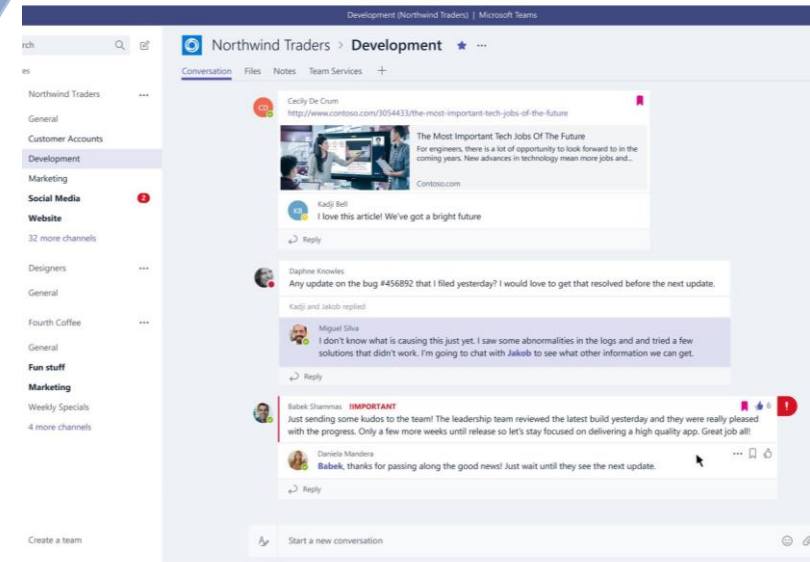
01/18/2019



This page pulls together lots of tools and resources to help you get the most out of Microsoft's inclusive tools for the classroom.



Stay on my Team



Explore more: Microsoft Accessibility resources

5 free things to try today

[Communicate in new ways and collaborate seamlessly with Office 365](#)

[Engage your diverse audience by presenting with subtitles](#)

[Create assignments that are accessible by design](#)

Go paperless with [Office Lens](#) and [Seeing AI](#)

Encourage [independent reading](#) and [writing](#)

5 resources to bookmark and share

[Educator Training on Inclusive Content](#)

[Educator Training for Personalising Learning](#)

[Office 365 Accessibility Support Documentation](#)

[Answer Desk for Accessibility Support](#)

[Microsoft Accessibility Overview](#)

Achieving more with accessibility – Inclusion in Action series



[Andrew](#), a young boy who read for the first time with Learning Tools.



[Justin](#), a young man who uses Office 365 to communicate with the world.



[Veronica](#), a student with low vision who created a perfect Sway.



[Cameron](#), a university lecturer who believes it is an exciting time to be a blind person with Seeing AI.



[Jack](#), a teacher who shows students what is possible with Office 365 and Narrator.



[Steve](#), who navigated a medical crisis with OneNote to access printed documents.



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