



Supporting Students with Dyslexia with Microsoft Tools in Every Learning Environment

Rachel Berger

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Twitter: @rachelmberger

Closing The Gap



Supporting Dyslexia in any Environment with FREE Microsoft tools

Closing The Gap

Financial Disclosures

- I am in a consulting role for Microsoft Education

EQUALITY vs. EQUITY



Equality = Sameness

GIVING EVERYONE THE SAME
THING → It only works if
everyone starts from the same
place



Equity = Fairness

ACCESS TO THE SAME
OPPORTUNITIES → We
must first ensure equity before we
can enjoy equality

Equity image credit: Please note, this image was adapted from an image adapted by the City of Portland, Oregon, Office of Equity and Human Rights from the original graphic: <http://indianfunnypicture.com/img/2013/01/Equality-Doesnt-Means-Justice-Facebook-Pics.jpg>



Rachel Berger

- **Disability & Accessibility Engagement PM Microsoft**
- **Education Experience PM Microsoft**
- **Director Decoding Dyslexia MN, Nonprofit**
- **Individual with dyslexia**

Building a foundation for future success

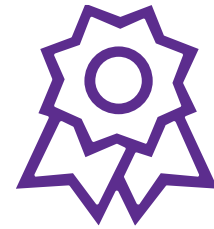
Inclusive education tools give more students personalized access to their curriculum, optimize teacher time, and improve learning outcomes.



Students grow their potential and gain independence



Teachers are more empowered to engage every learner



Schools build reputations as positive places that promote equity and inclusion

Engaging every learner in a diverse classroom

With daily challenges—and limited resources—educators need to be confident they are able to optimize learning for a diverse population, as well as meet professional goals and standards.

73%

of teachers report working in classrooms with student reading levels that span four or more grade levels

52%

of teachers in the US have English as a second language learners in their classrooms

72%

of classrooms have special education students

Up to **50%**

of instructional time can be lost to managing students' needs, including assistive technology

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: <http://aka.ms/AccessibilitySway>



Microsoft Hackathon 2015 winner extends OneNote to improve learning outcomes for students

Inclusive Classroom



Reading



Writing



Math



Communication

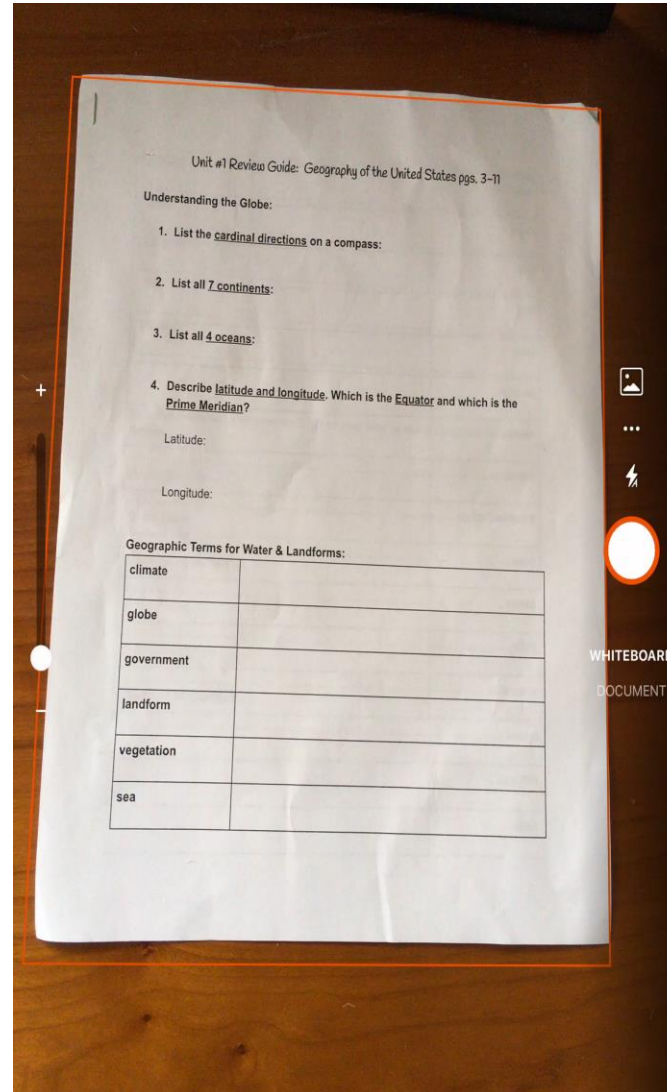
Reading More Effectively

Demo

Microsoft Lens



Office Lens





HOLLY SPRINGS ELEMENTARY SCHOOL

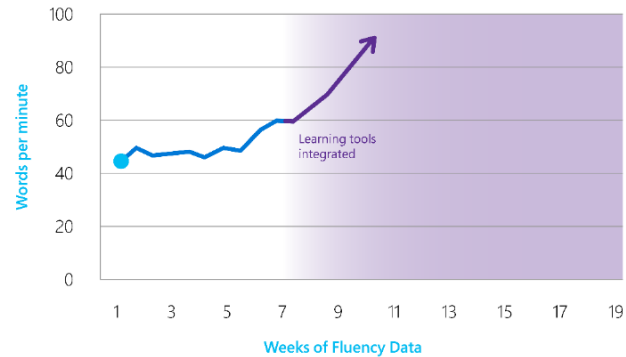
"Immersive Reader is a game changer in my Special Education Class"



State Measured Reading Speeds are Increasing

Student 4
IEP Yearly Goal 60 correct words per minute.

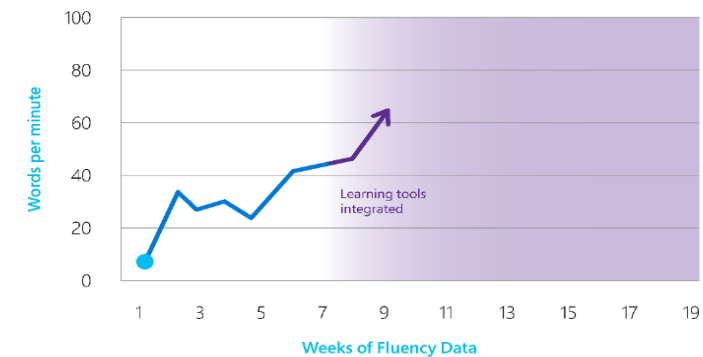
Result: 90 words per minute achieved. Surpassed goal by 30 words per minute well before the end of the school year.



Source: Lauren Pittman, weekly reading speed checks

Student 5
IEP Yearly Goal 8 words per minute to 30 words per minute.

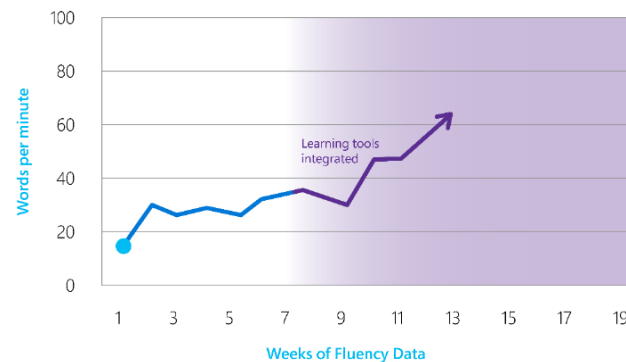
Result: 62 words per minute achieved. Surpassed goal by 32 words per minute well before the end of the school year.



Source: Lauren Pittman, weekly reading speed checks

Student 1
IEP Yearly Goal 15 words per minute to 25 words per minute.

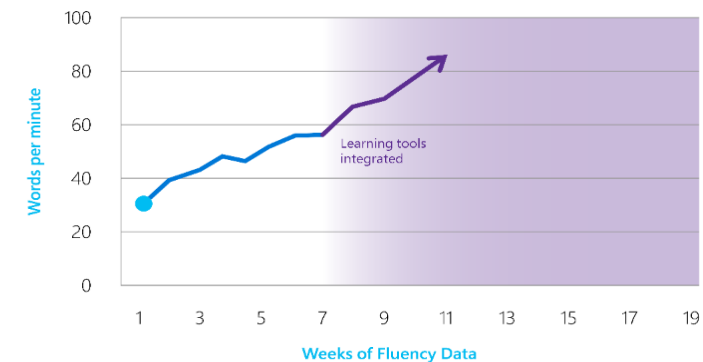
Result: 62 words per minute achieved. Surpassed goal by 37 words per minute well before the end of the school year.



Source: Lauren Pittman, weekly reading speed checks

Student 3
IEP Yearly Goal 33 words per minute to 70 words per minute.

Result: 84 words per minute achieved. Surpassed goal by 14 words per minute well before the end of the school year.



Source: Lauren Pittman, weekly reading speed checks



Leveling the Playing Field with Microsoft *Learning Tools*

Katherine McKnight, PhD

Center for Evaluation & Study of Educational Equity

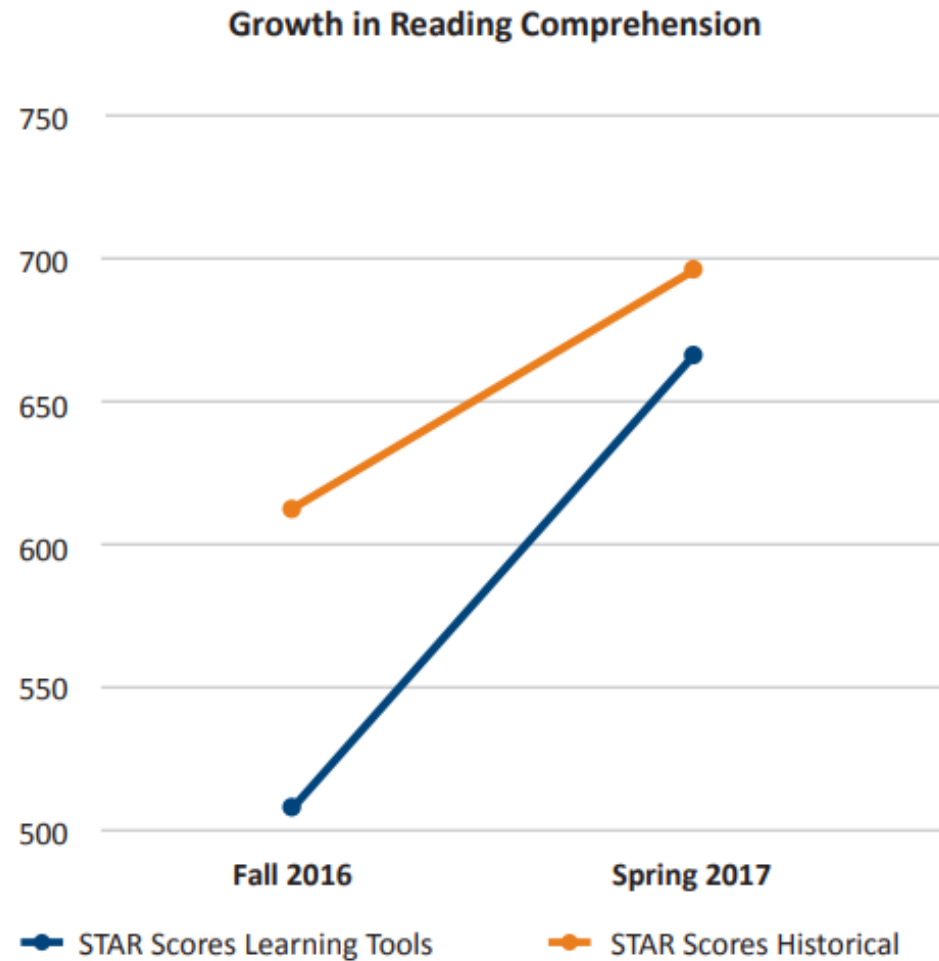
RTI International

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>

10 Point Improvement in 4th grade Comprehension Scores

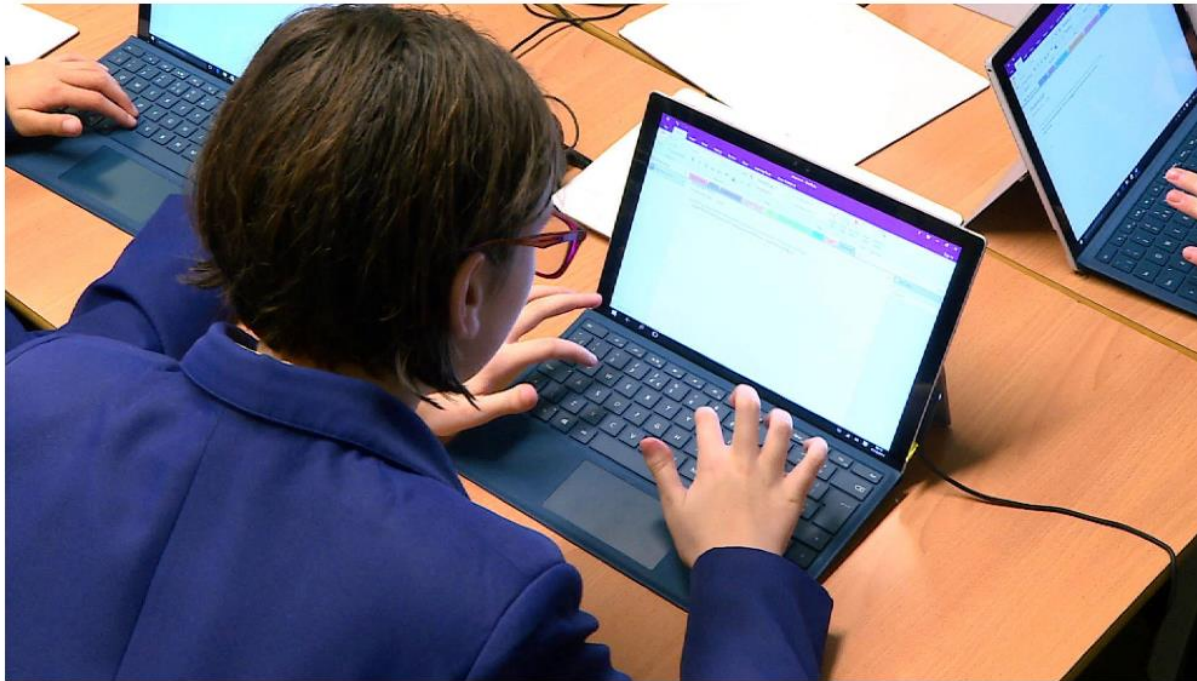


Study with British Dyslexia Association and Knowl Hill

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,
Friday 10 February 2017



The trial saw most pupils improve their reading and behaviour



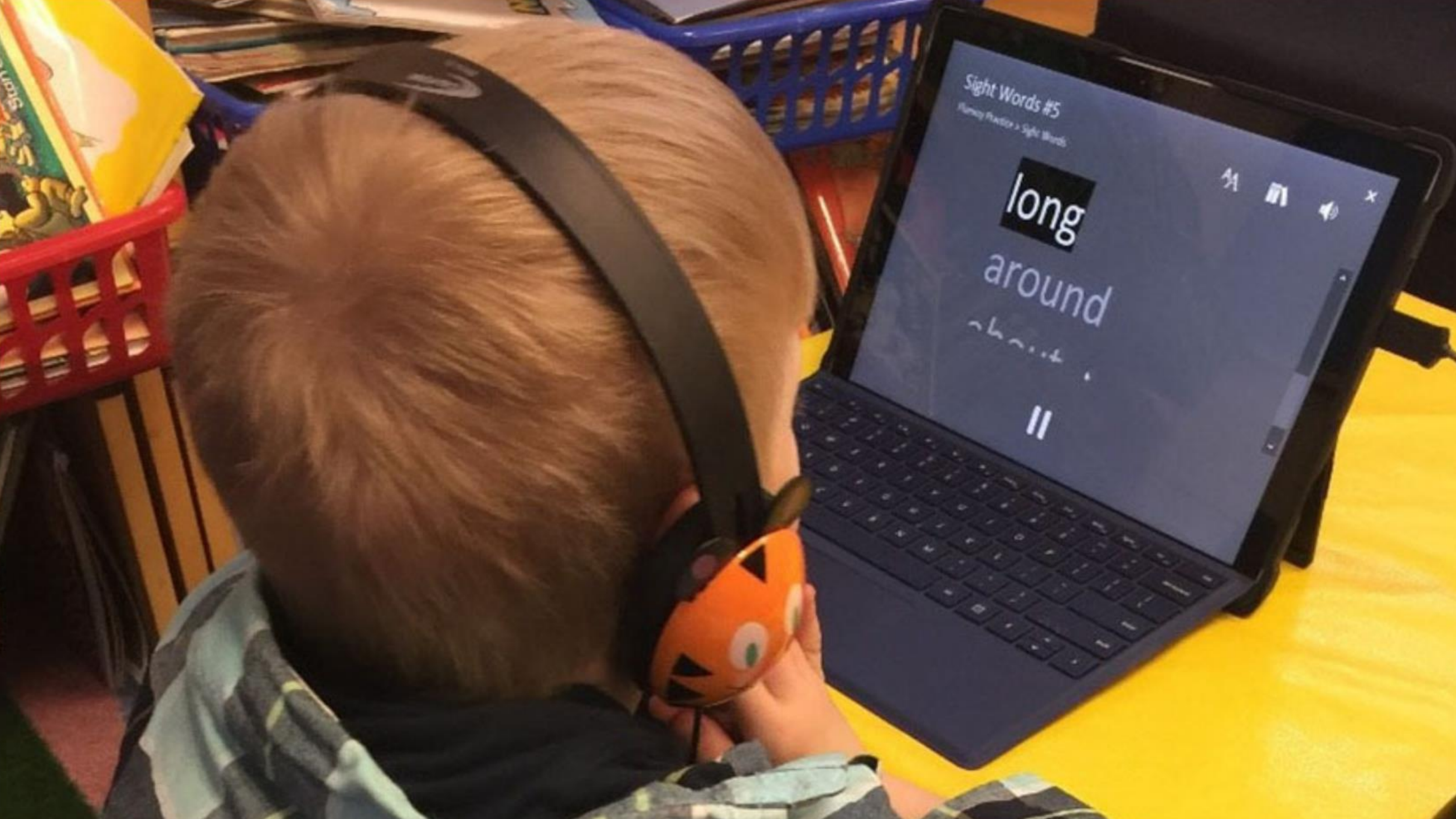
Top Stories



North Korea
'attempts
missile launch'

1st Grade Emerging Readers Using Immersive Reader





Sight Words #5

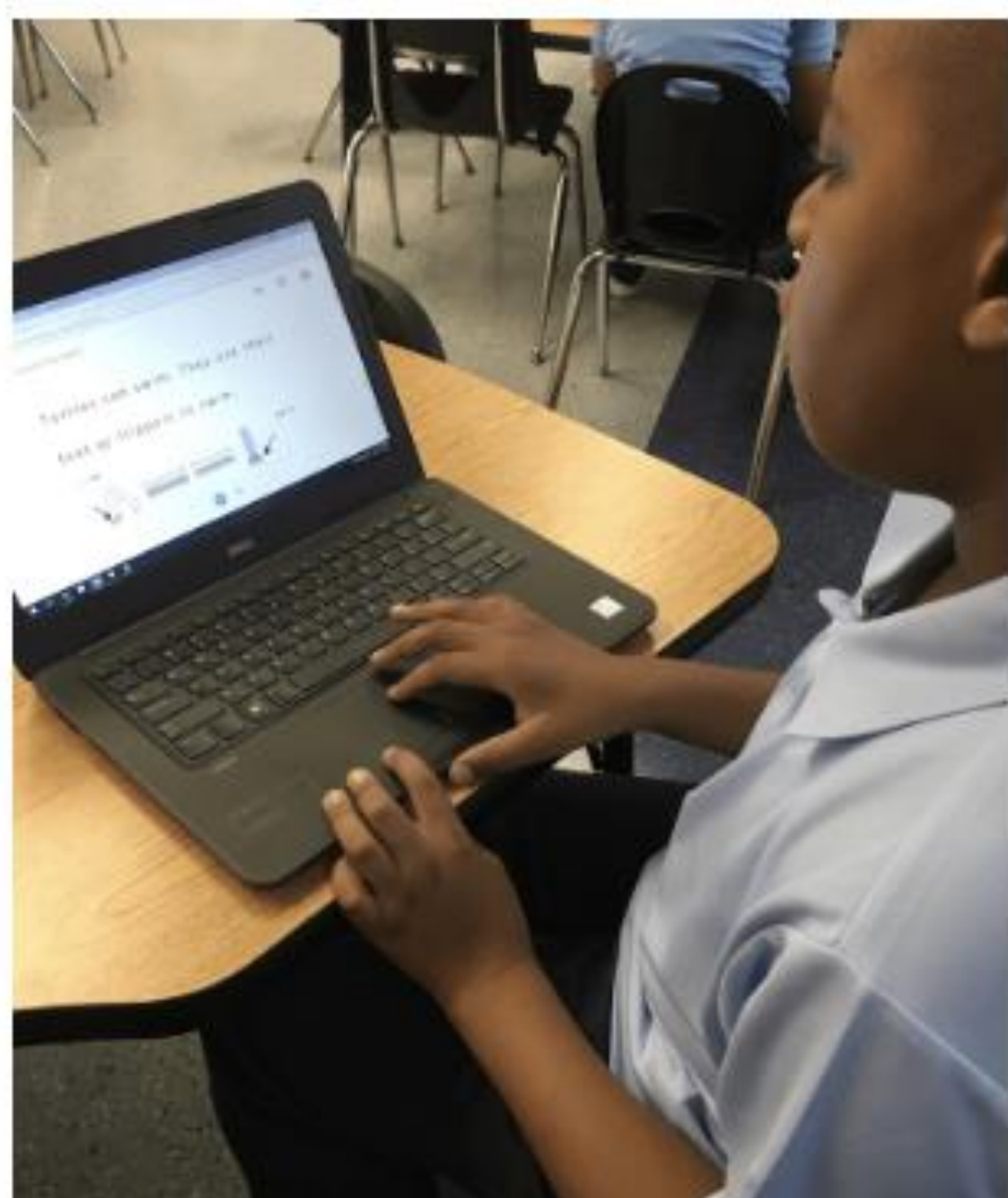
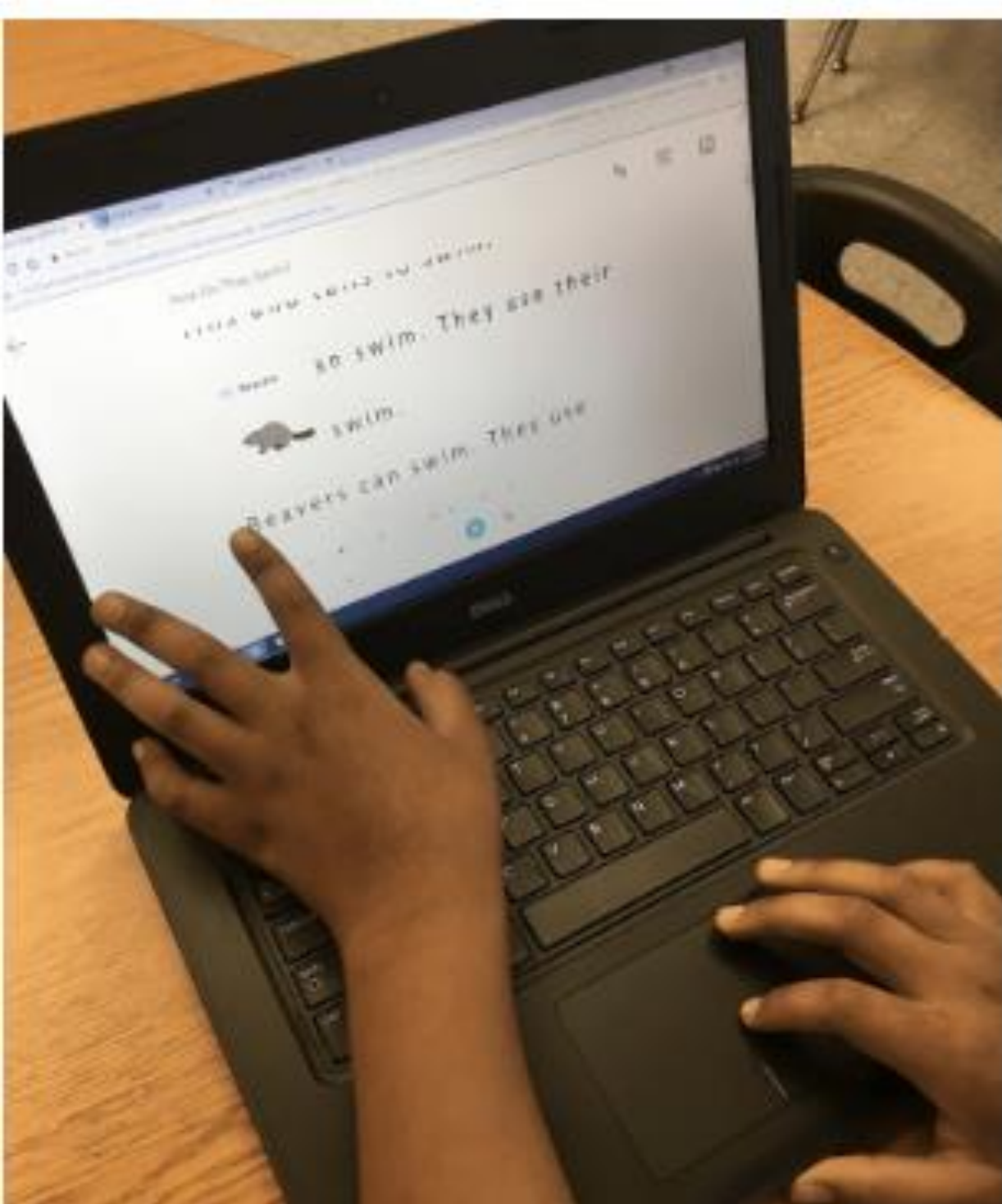
Hummy Practice > Sight Words

long

around

about





Immersive Reader Feedback

“

"I just wanted to let you known that today a mom spoke to me and she started crying. Her son was finally able to read on his own thanks to the Immersive Reader. I am currently changing the lives of so many children"

”

Jennifer Verschoor, Educator from Argentina

Forms Immersive Reader

Reading Assignment

Geography

The study of Earth's landforms is called physical geography. Landforms can be mountains and valleys. They can also be glaciers, lakes or rivers. Landforms are sometimes called physical features. It is important for students to know about the physical geography of Earth. The seasons, the atmosphere and all the natural processes of Earth affect where people are able to live. Geography is one of a combination of factors that people use to decide where they want to live.

The physical features of a region are often rich in resources. Within a nation, mountain ranges become natural borders for settlement areas. In the U.S., major mountain ranges are the Sierra Nevada, the Rocky Mountains, and the Appalachians.

1. What are "landforms"?

Mountains

☐ Valleys

☐ Lakes

☐ Rivers

☐ All of the above

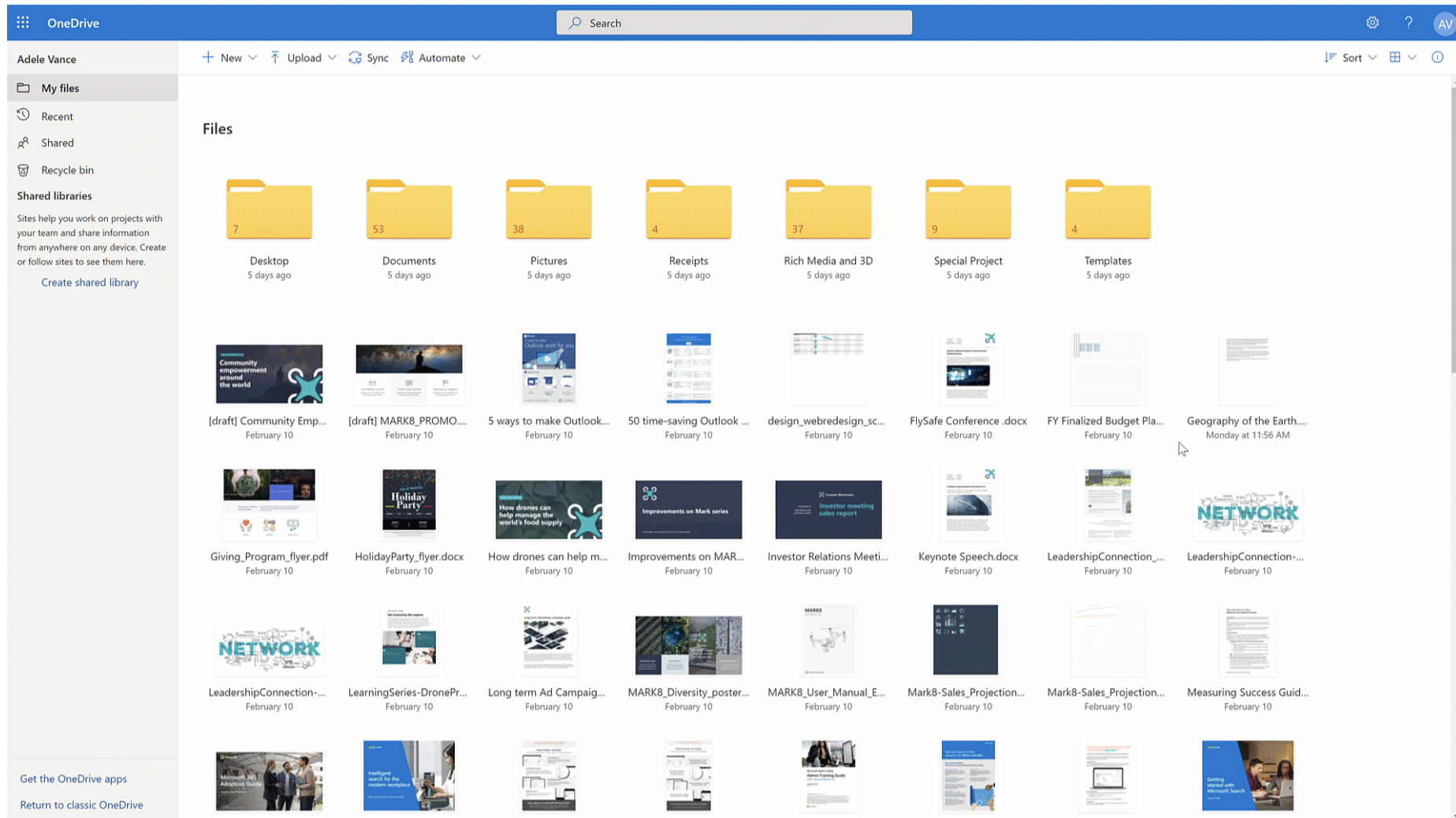
Back

Submit

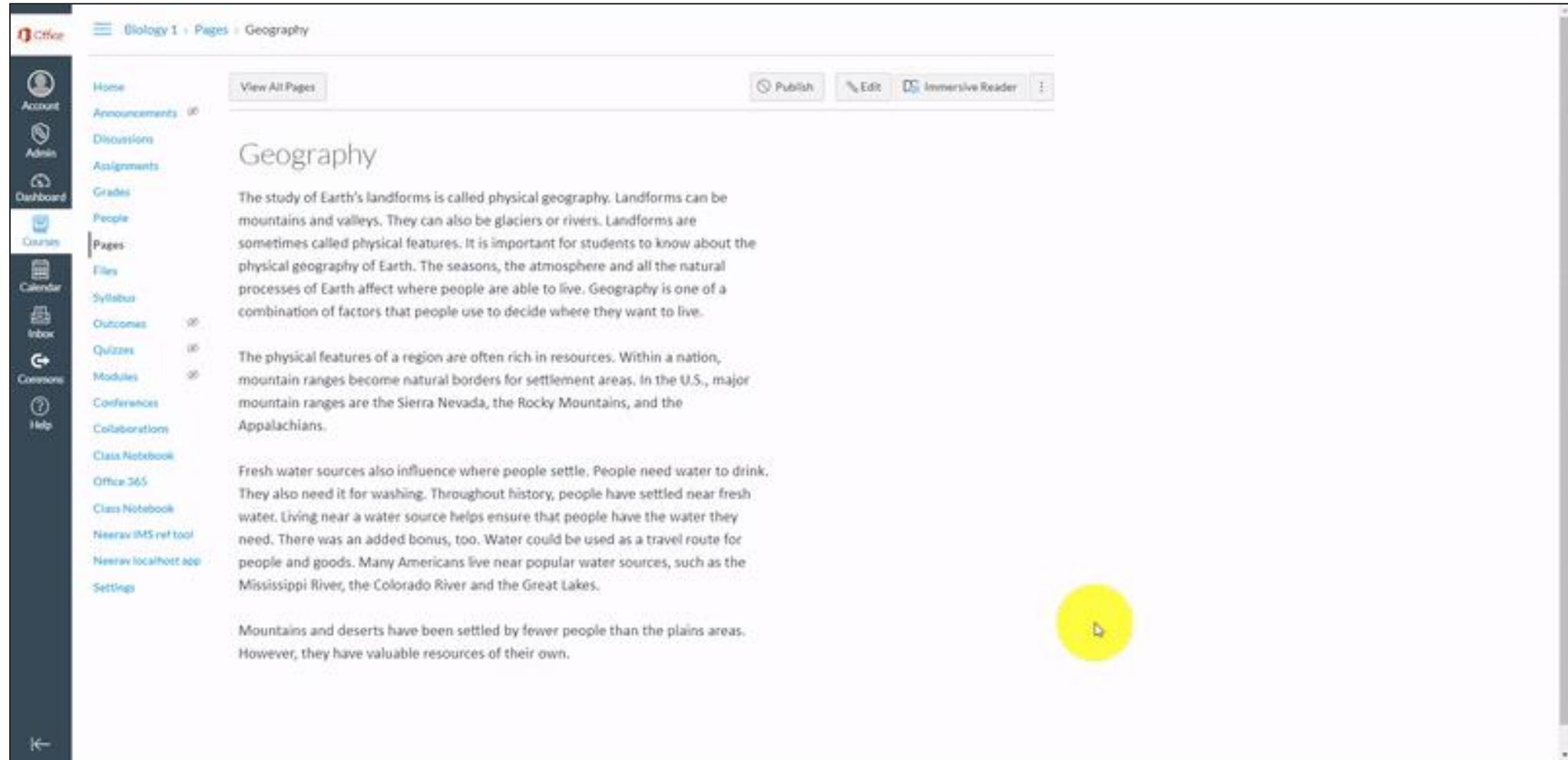
This content is created by the owner of the form. The data you submit will be sent to the form owner. Never give out your password.

Powered by Microsoft Forms | [Privacy and cookies](#) | [Terms of use](#)

Coming Soon: Immersive Reader in OneDrive



Immersive Reader for 3rd Parties - Canvas



The screenshot displays the Canvas LMS interface for a course titled "Biology 1". The left sidebar contains navigation links for Account, Announcements, Discussions, Assignments, Grades, People, Pages, Files, Syllabus, Outcomes, Quizzes, Modules, Conferences, Collaborations, Class Notebook, Office 365, Class Notebook, Neerav iMS ref tool, Neerav localhost app, and Settings. The main content area shows a page titled "Geography" with a "View All Pages" button. The page content includes a definition of physical geography, a paragraph about physical features and resources, and a paragraph about settlement patterns. A yellow circular callout with a cursor icon is positioned over the bottom right of the page content.

Office

Biology 1 > Pages > Geography

Home View All Pages Publish Edit Immersive Reader

Geography

The study of Earth's landforms is called physical geography. Landforms can be mountains and valleys. They can also be glaciers or rivers. Landforms are sometimes called physical features. It is important for students to know about the physical geography of Earth. The seasons, the atmosphere and all the natural processes of Earth affect where people are able to live. Geography is one of a combination of factors that people use to decide where they want to live.

The physical features of a region are often rich in resources. Within a nation, mountain ranges become natural borders for settlement areas. In the U.S., major mountain ranges are the Sierra Nevada, the Rocky Mountains, and the Appalachians.

Fresh water sources also influence where people settle. People need water to drink. They also need it for washing. Throughout history, people have settled near fresh water. Living near a water source helps ensure that people have the water they need. There was an added bonus, too. Water could be used as a travel route for people and goods. Many Americans live near popular water sources, such as the Mississippi River, the Colorado River and the Great Lakes.

Mountains and deserts have been settled by fewer people than the plains areas. However, they have valuable resources of their own.

Tell your favorite EdTech app or publisher!

<http://aka.ms/ImmersiveReaderCS>

buncee 

 **Follett**

MERGE EDU

Kidblog

Kortext

 **Mindsets**
Learning

M myday
by collabco

 **Flocabulary**
BY nearpod

Where the Wonders of Learning Never Cease®
WONDEROPOLIS

 **nearpod**

SAFARI
MONTAGE

its Learning

 **PowerSchool**

 **canvas**
BY INSTRUCTURE

SKOOLER

JogNog
Everyone. Smarter.™

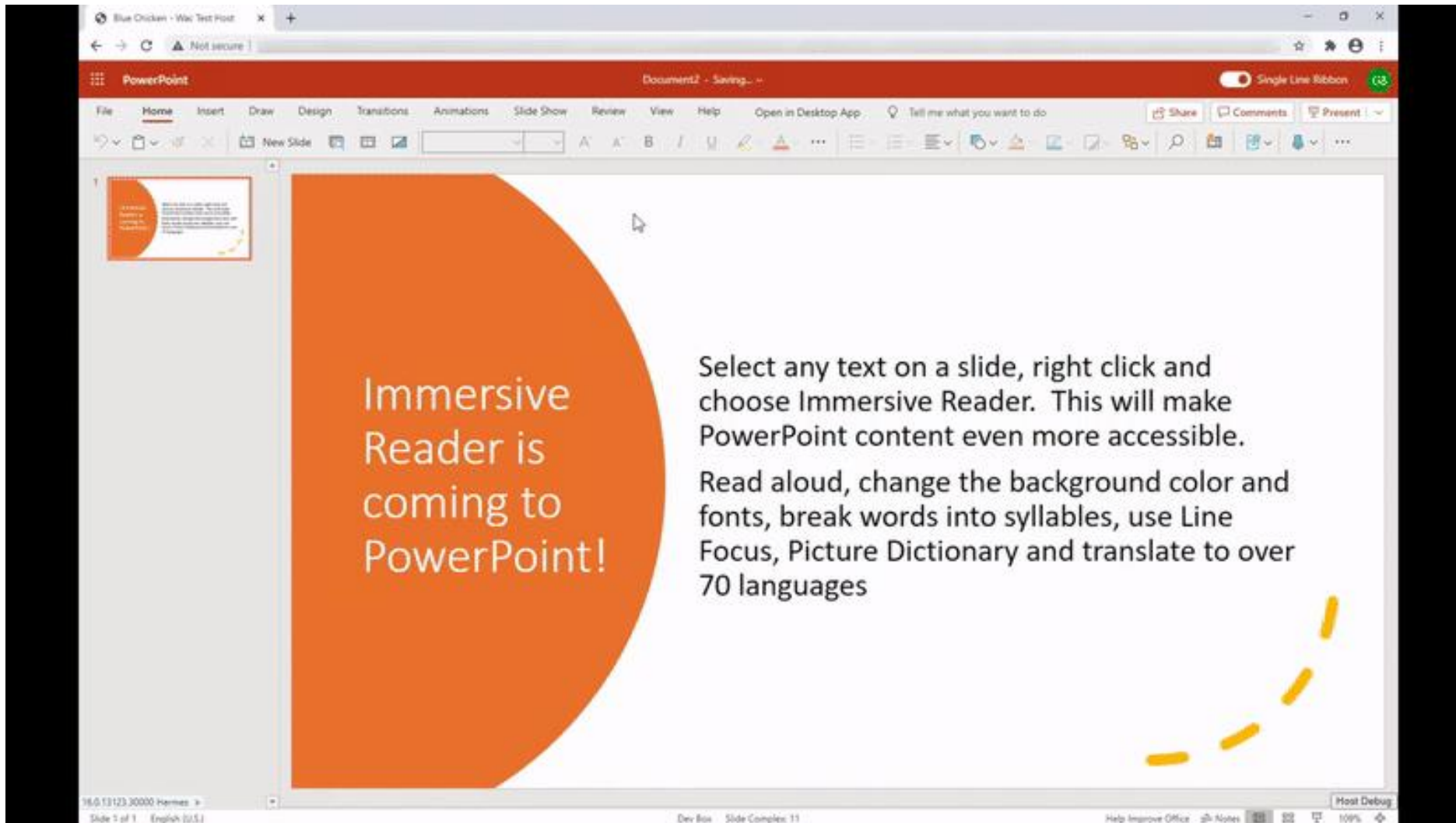
 **Pear Deck**

thinglink..

wakelet

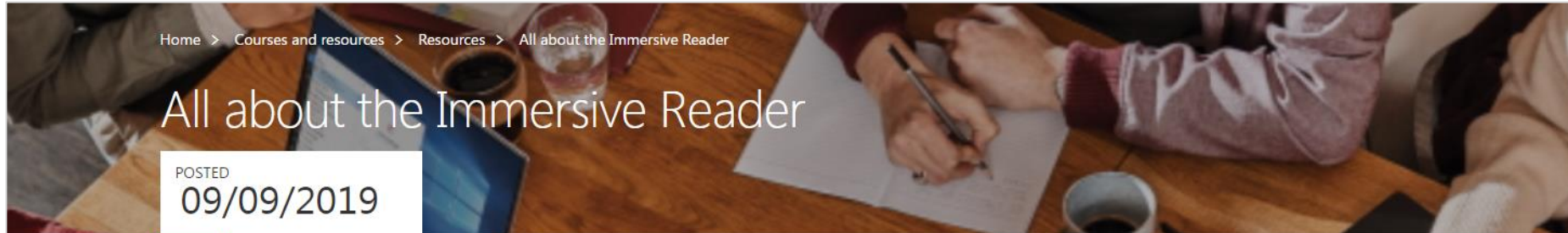
C O
D E

Coming Soon: Immersive Reader in PowerPoint



All About Immersive Reader – MEC Page


<https://aka.ms/AllAboutImmersiveReader>



Home > Courses and resources > Resources > All about the Immersive Reader

All about the Immersive Reader

POSTED
09/09/2019


 Microsoft

♥ ↑ 2 ↓ 0 🏷 8 ➦

What is the Immersive Reader?

The Microsoft Immersive Reader is a free tool, built into Word, OneNote, Outlook, Office Lens, Microsoft Teams, Forms, Flipgrid, Minecraft Education Edition and the Edge browser, that implement proven techniques to improve reading and writing for people regardless of their age or ability. On the right is a 15 minute comprehensive demo of the tool, and below is a short 90 second YouCan video.


Get this page as a PDF: <http://aka.ms/ImmersiveReaderFlyer>




What is the Immersive Reader? Watch later Share

Building a foundation for future success

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



Dyslexia Awareness Curriculum – Parts 1 and 2



Module 1: What is dyslexia?

- Dyslexia is a difference in the brain that affects how it processes information.
- This different way of processing information can create strengths in areas such as problem-solving, verbal reasoning, creativity, and big-picture thinking. It can also create challenges in traditional education in areas such as reading, spelling, writing, organization, and math.
- Dyslexia is the most common learning difference. 10-20% of the population has dyslexia. We can identify characteristics of dyslexia as early as preschool.
- Dyslexia is genetic and it runs in families. With research-based interventions and accommodations, students with dyslexia can become confident readers, writers, and learners.

For more information, check out the Spelling it Out report from Made by Dyslexia and share it with colleagues and parents at your school.

[SPELLING IT OUT](#)

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Dyslexia Awareness Part 2, in partnership with Made By Dyslexia

Module 6: Default Title 1



 **Isoline Abels**
Teacher, The Schenck School, Atlanta, GA

<http://aka.ms/MECMadebyDyslexia>

<http://aka.ms/MECMadebyDyslexia2>

Microsoft Learning Tools Availability

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

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

Writing efficiently 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

even enthusiasm over 2 lessons (all
1 hr 30 mins of actual writing time).

Tommy Mc Acid Pants
~~Pass~~

1956

At nuclear ^{power} ~~acid~~ plant
fell into waste +
transformed.

Beginning:

When

hurricane

who

What

where

He can eat everything apart from cars
stuff - what he eats
helps him grow. Clean
stuff shrinks him

(scientist)

This is a story planning sheet for a 9 year
old boy who is dyslexic.

End:

Clean cup of water
thrown on him +
he dissolves - shrinks
to normal size

One day at school Powerbody hit his head on the door and electrocuted himself. It sent Roy & Kate to sleep and they flew home into bed ... Powerbody's work was done here. He had some other work to do so the next day Powerbody ducked down in a doorway. He bumped his head again but he felt sleepy. He automatically transported himself to the zoo without knowing it. The animals glared at him and went crazy. Powerbody electrocuted the animals and they went to sleep. Suddenly, he vanished in a puff of smoke .

This is what she
then produced on
OneNote

7th Grader Before and After with Dictate

Tryg Berger
Mod 1

the big Macke
Machine to 1950's crack
boom all of a sudden then
doors flew open and he
hopped out he was as angry
as Mrs. Beck his time
Machine broke
he was stuck
in the 1950's unless he
could do something
big Macke went to the
nearest malt shop
and called Doc
Brown to fix
his time machine
Doc Brown
could go home
the end

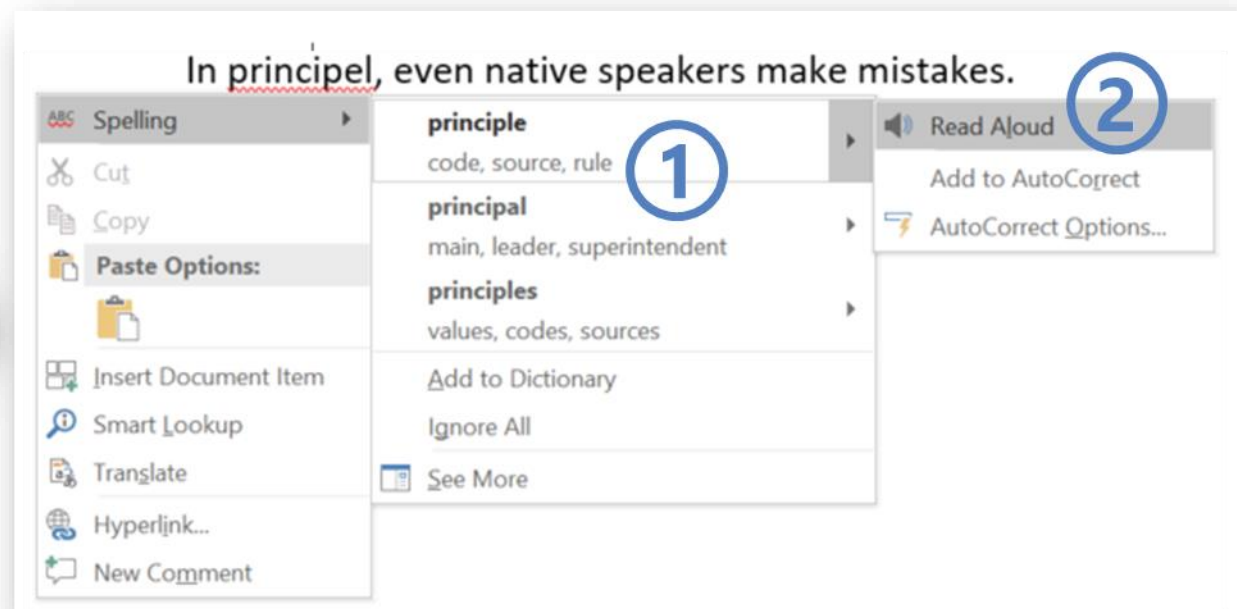
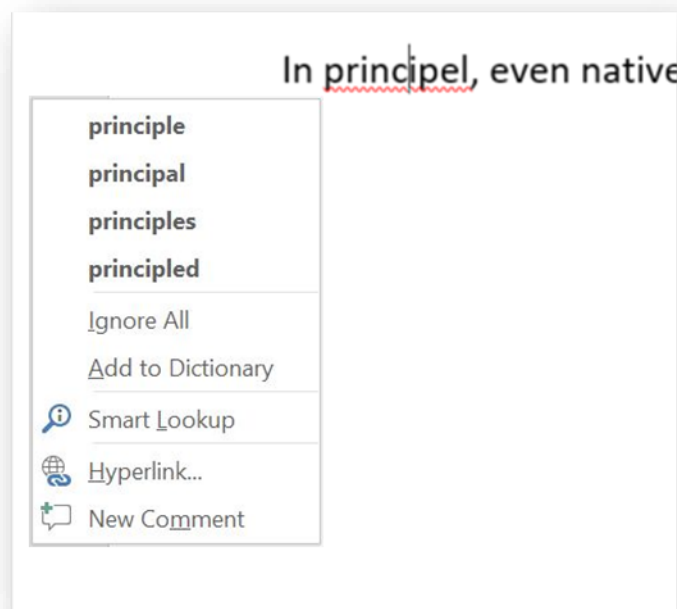
Tryg Berger Mod 1.

Big Macky D the alien time traveler set his time machine to 1878 just before the Minneapolis Minnesota Washburn, A mill flour explosion. Crack, boom, bang, he arrived and all of a sudden, then is door flew open. He hopped out into a 1950's malt shop. Chubby checker was playing on the juke box in the corner. He was as angry as Mrs. Beck. He realized that his time machine had broken and he was stuck in the 1950's unless he could do something to fix it.

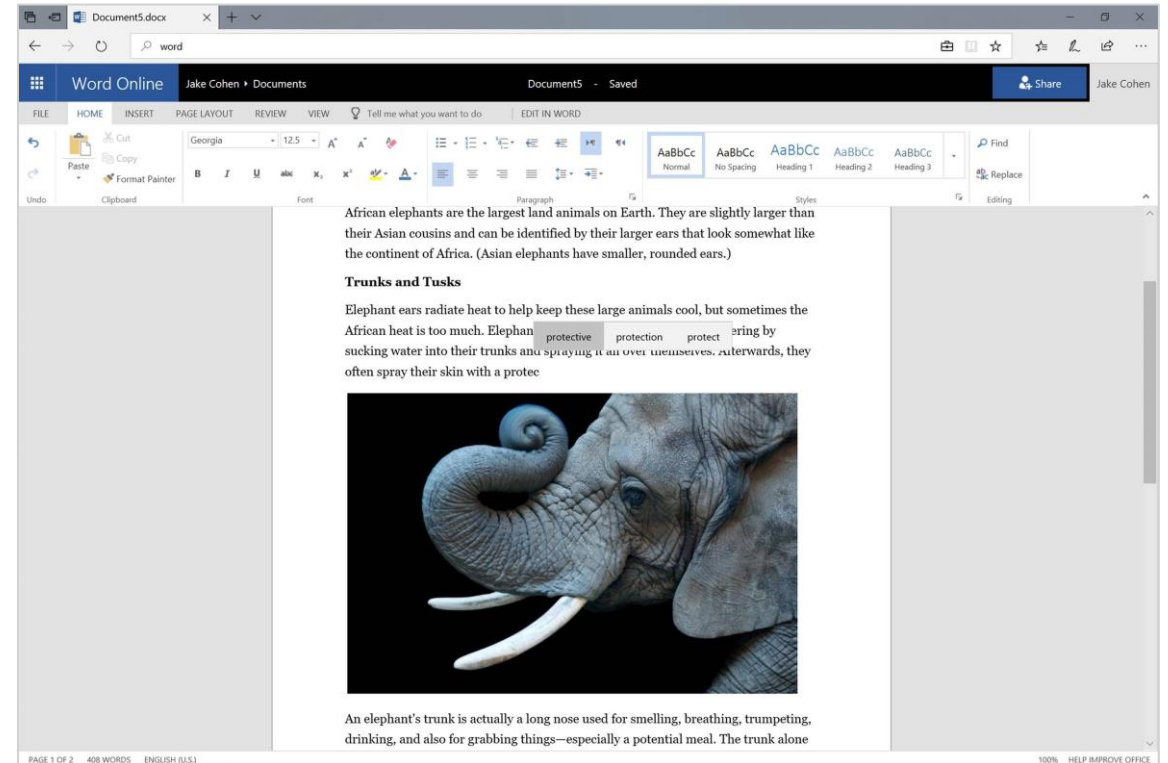
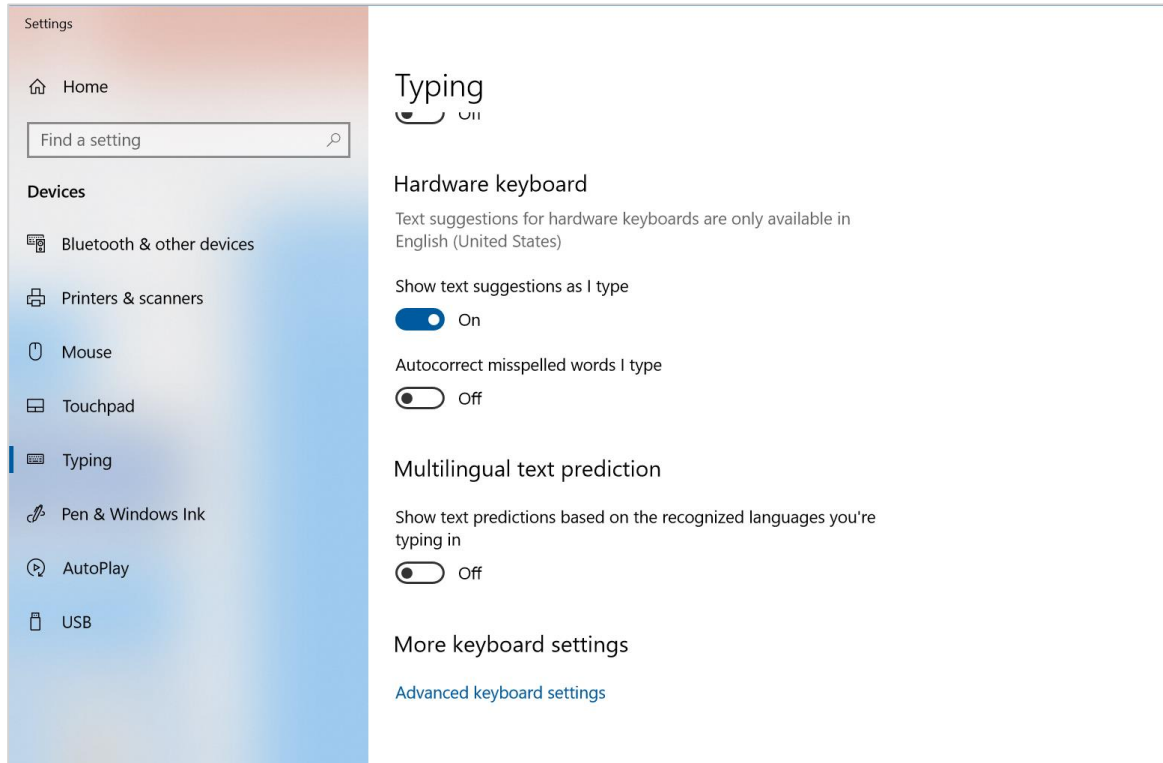
Big Macky D went to the nearest phone booth and called Doc Brown To help fix The Time Machine. He ate a burger and malt while he waited for Doc to arrive from the year 2018.

Demo

Improved Spell Checker - Inclusive design to benefit everyone

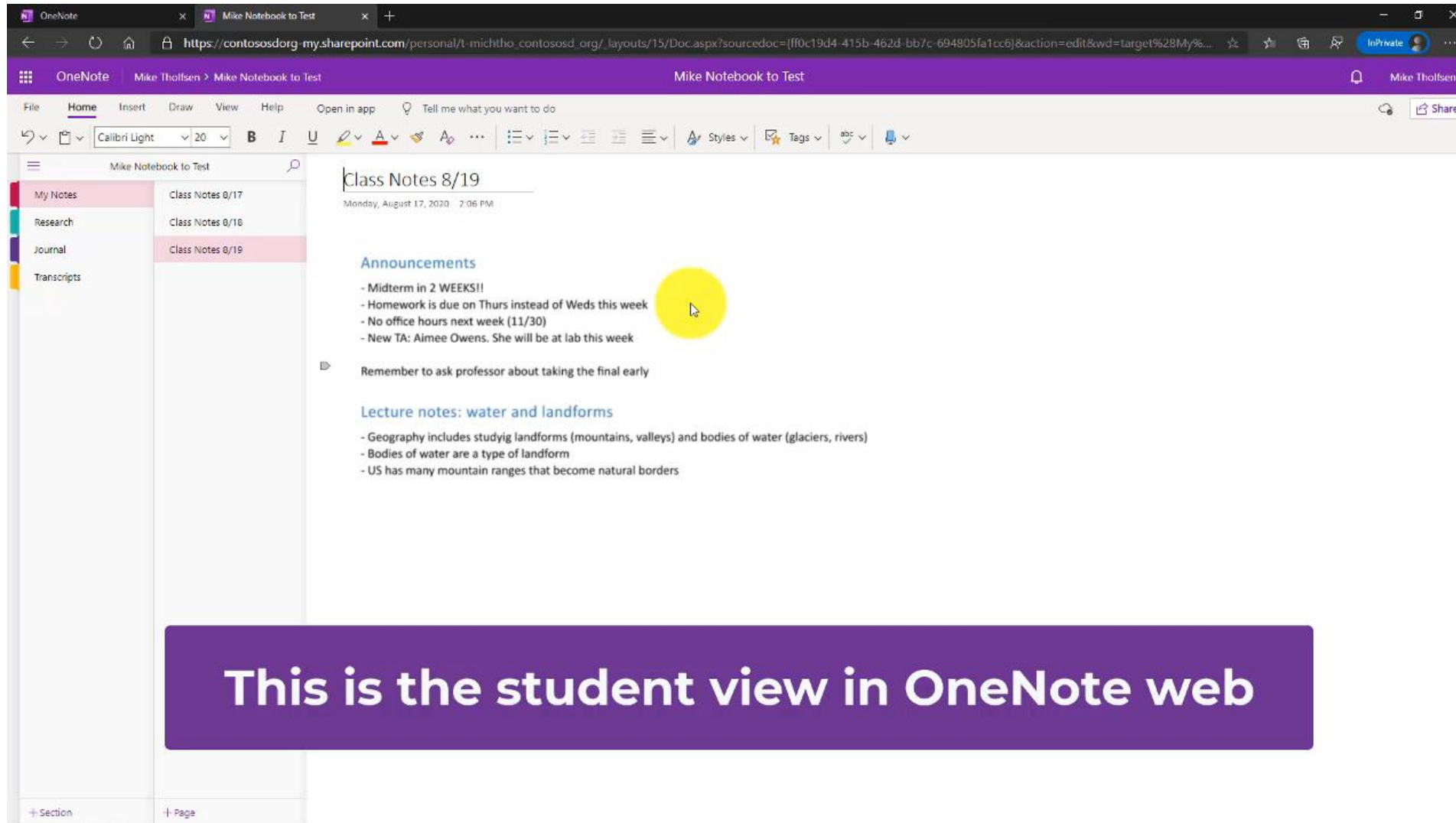


Word Prediction, Windows 10 October 2018 Update



Supports 75 languages with the October 2018 Update

OneNote Live Captions (Beta)



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



Writing Feedback

“

"I have a student who was only writing 3-4 sentences before I learned about these tools. He's now writing 2.5 pages independently with Editor and Dictation. This is changing lives!"

”

Educator from St. Louis, Missouri

Student and Parent Communication

Build Communication Skills with **Presenter Coach** in PowerPoint

Presenting in front of others is a vital life-skill that teachers are eager to cultivate in their students.

Based on best practices and academic research, we've integrated common tips and tricks into Presenter Coach to help teachers and students give more effective presentations.





Student can turn on “Rehearsal mode” with the microphone

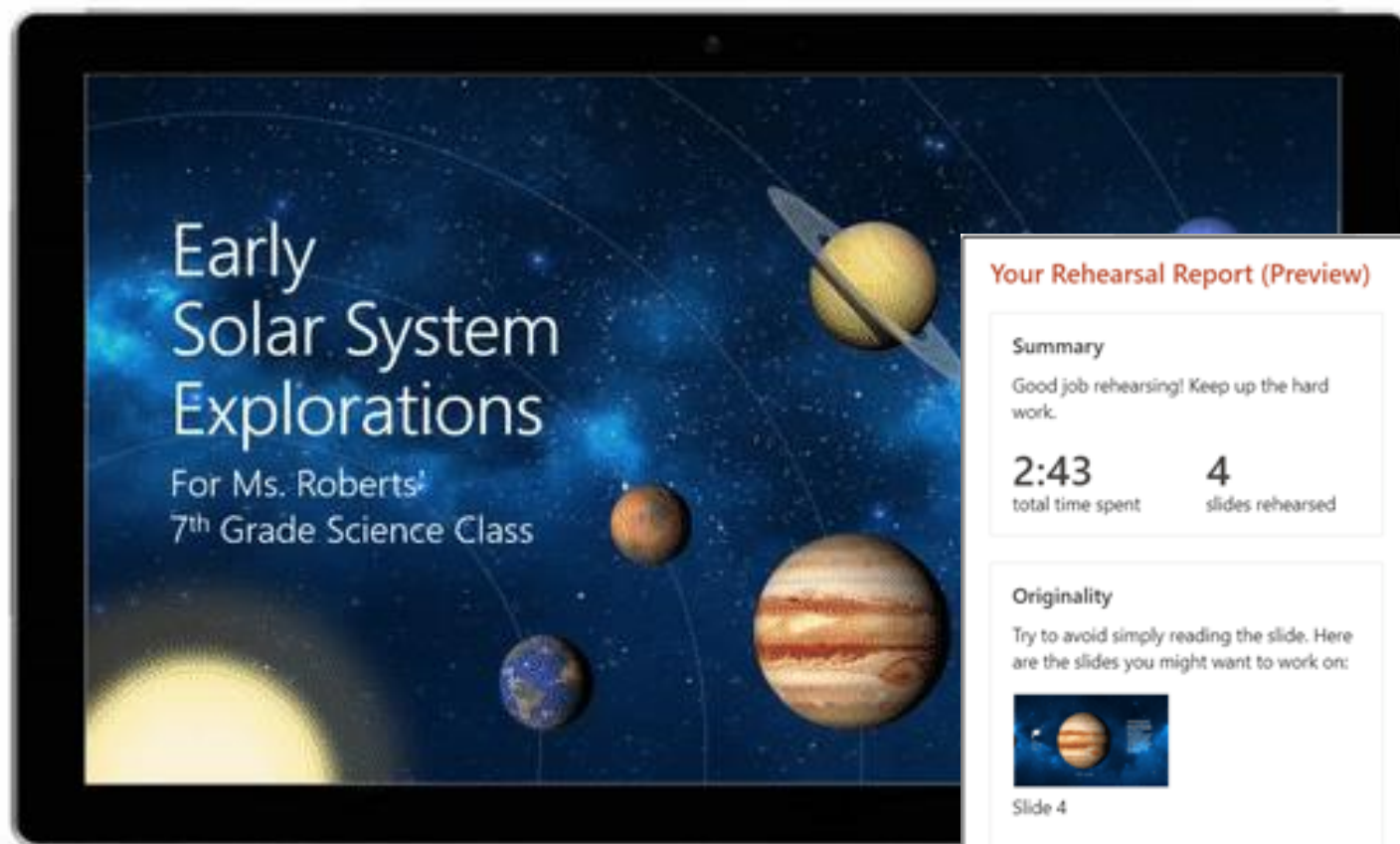
Receive on-screen guidance about

- **Pacing:** when user talks too fast or too slow.
- **Disfluency:** when user is speaking with filler words such as “um”, “ah”, “basically”, etc.
- **Sensitive/inclusive phrases:** insensitive phrases that are biased toward people with different gender, disability, race,
- **Narration:** detecting when user is just reading off the slide

At the end of each rehearsal session, the presenter receives a detailed report with metrics for additional practice.

Presenter Coach is available on PowerPoint on the web now!

Presenter Coach



Your Rehearsal Report (Preview)

Summary


Good job rehearsing! Keep up the hard work.

2:43
total time spent

4
slides rehearsed

Originality

Try to avoid simply reading the slide. Here are the slides you might want to work on:



Slide 4

[Learn More](#)

Pace

100 150

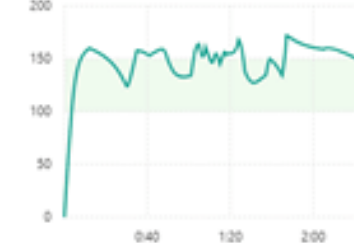
149
words/min

slow fast

Your pace is just right! Keep it up!

Your average pace over time

words/min



[Learn More](#)

Feedback [Rehearse Again](#)

Sensitive Phrases

Consider avoiding these terms or phrases, which might offend some people.

~~blind individual~~ → individual with visual impairments

~~best man for the job~~ → best choice for the job

[Learn More](#)

Fillers

To sound more polished and confident, try to avoid using filler words. Pause or take a breath to relax. Some filler words to avoid are:

~~You know~~ ~~basically~~

[Learn More](#)

Presenter Coach Feedback

“

"I'm 12 years old and I'm doing a project for school. This was very useful for me to prepare for my presentation. I'm hoping I will get an A and it helped me because I have dyslexia."

”

-12 year old student

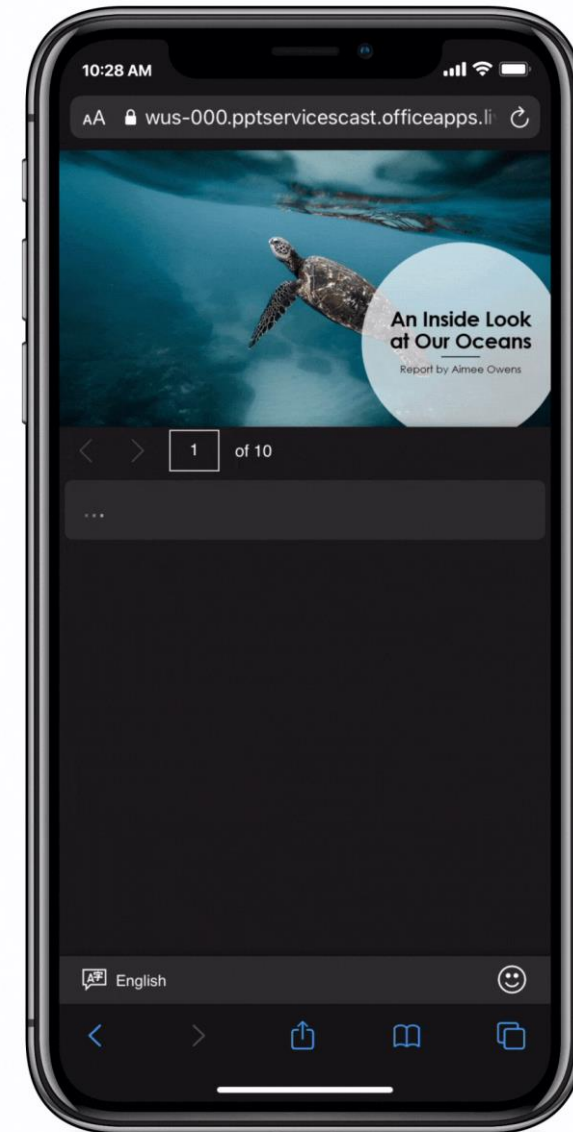
PowerPoint Live – Starting a session is easy

- Under the Slide Show tab, the presenter clicks **Present Live**
- Anyone can join a public session via QR code or short link
- Audience members can join on **any device** – the experience is optimized for each type of device
- As the presenter moves through the slides it is **synchronized** across all audience member's devices



PowerPoint Live – Captions and Subtitles

- Audience members can **send live reactions** like heart, applause or questioning emojis
- Each audience member can choose from **over 60 languages** to have personal subtitles throughout the presentation
- Audience members can **navigate on their own** – they even see the transcription on previous slides
- Audience members can zoom in on slides or even shift their orientation on a phone for different viewing options



Microsoft Translator

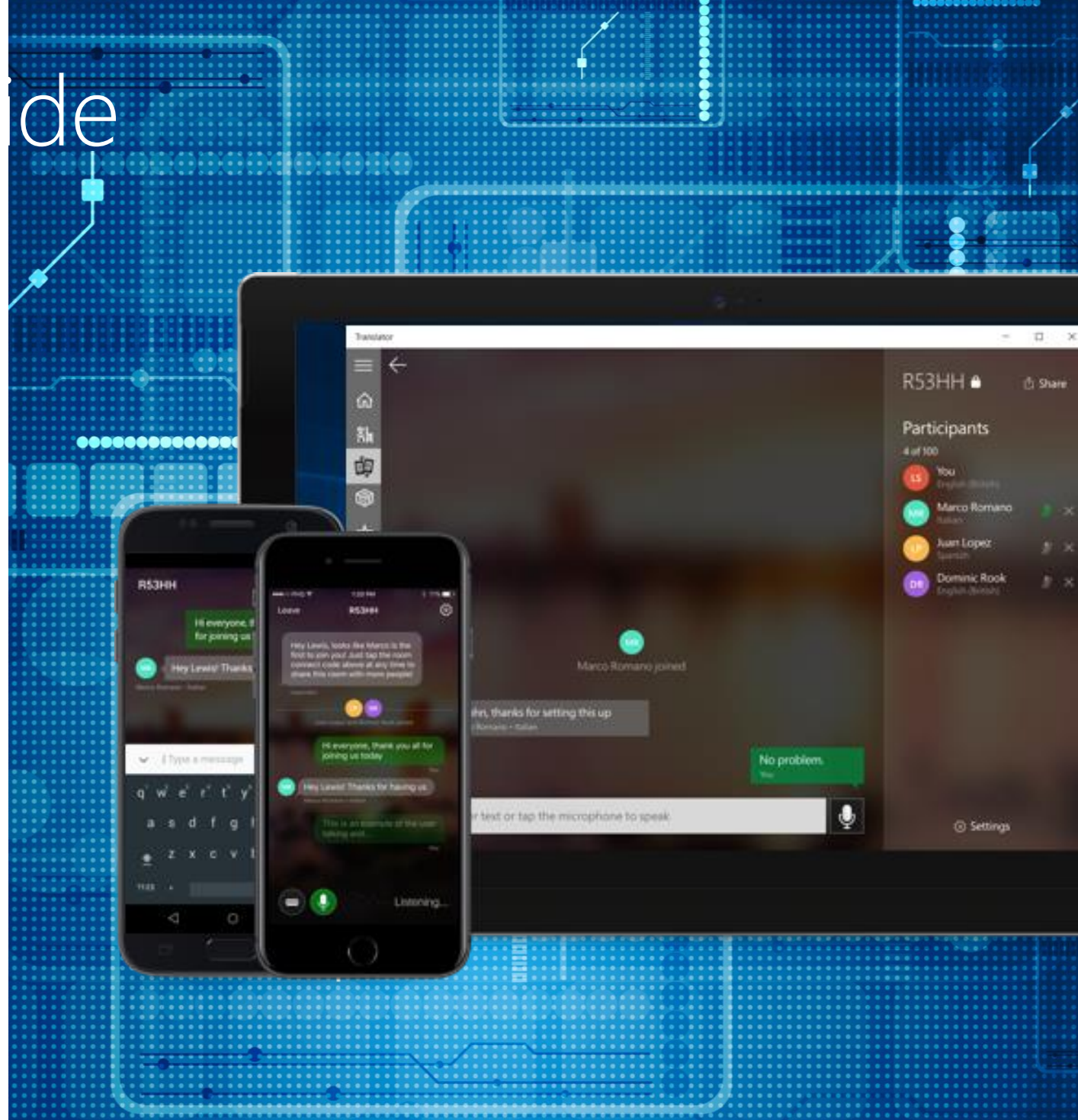
Smartphone apps for in-person, multi-device translation for two or more participants, speech or text

10 speech languages and 63 text languages

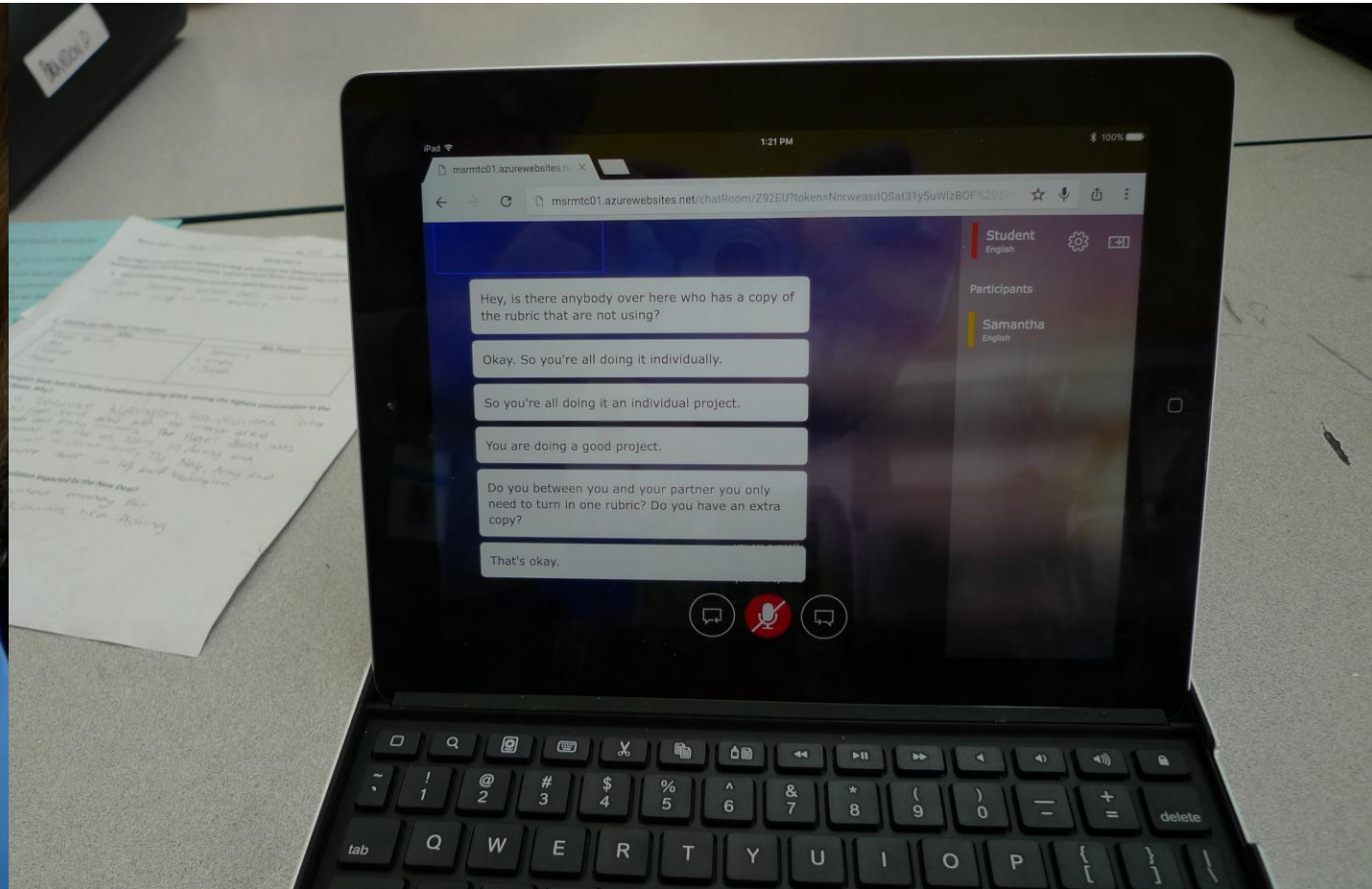
Up to 100 participants at the same time

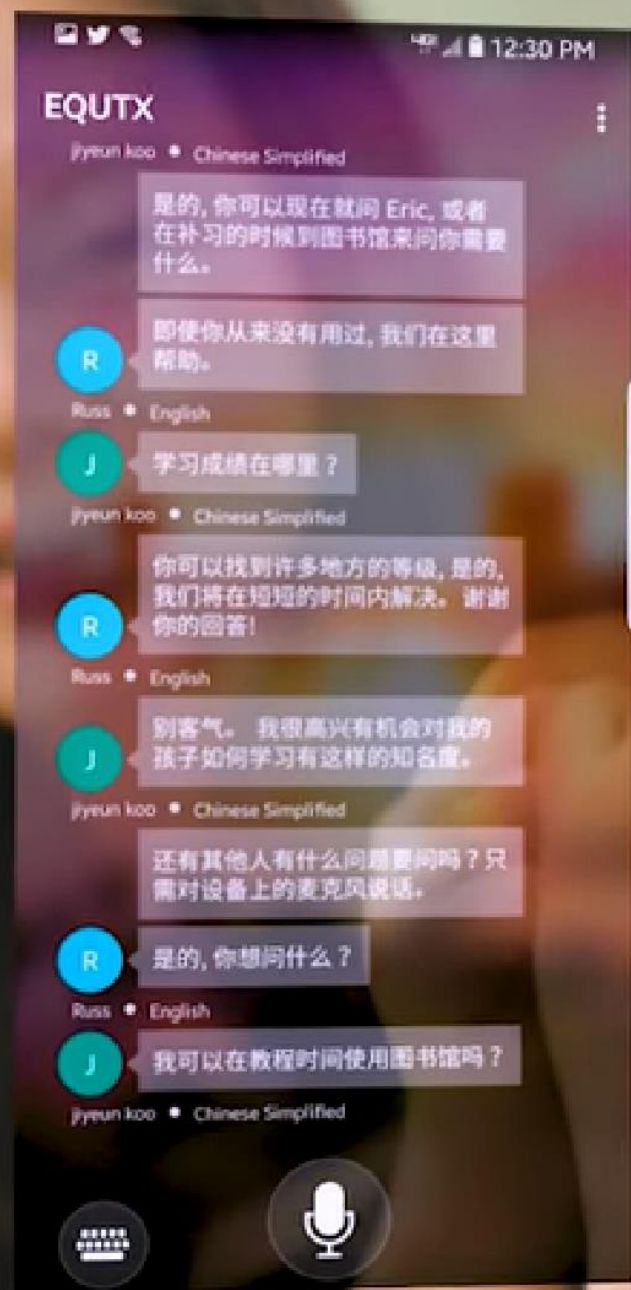
Free Apps on iOS, Android, Windows UWP, PowerPoint and web.

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



Microsoft Translator in the Classroom - DHH







Microsoft Teams – Real-time meeting captioning



Accessibility in Teams



"Students would rather go without than stand out.
We need to move from assuming access to
ensuring access in classrooms."

—Robin Lowell, Special Education Teacher

Teams is equipped with various tools to
make learning inclusive, safe, and fun.

Immersive reader

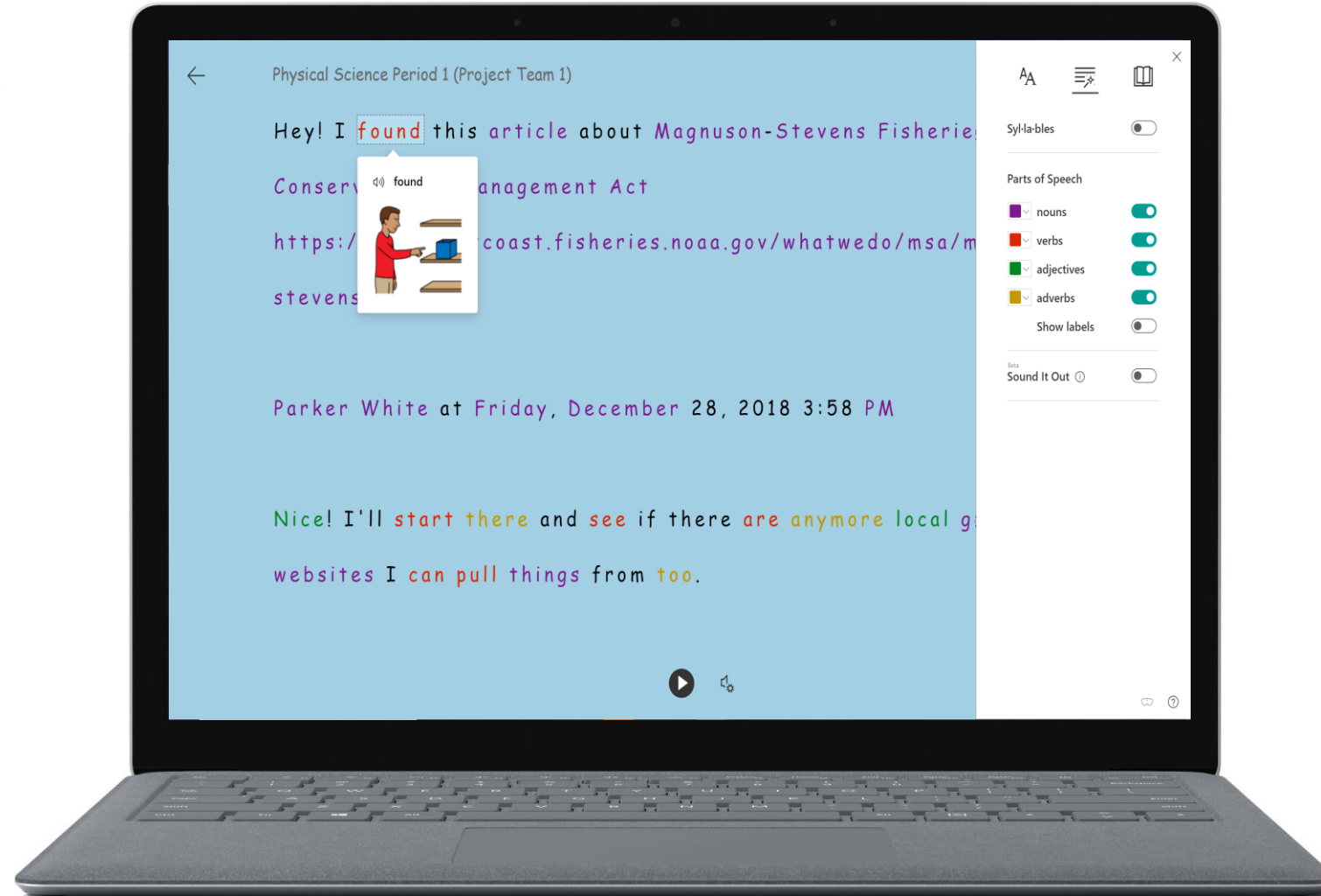
In-line translation

Live captions in meetings

Accessibility checker

Inclusive math

Transcript generator



PowerPoint Captions – Desktop, Web and Mac

Present more inclusively with live captions & subtitles in PowerPoint

By the PowerPoint team, on December 3, 2018

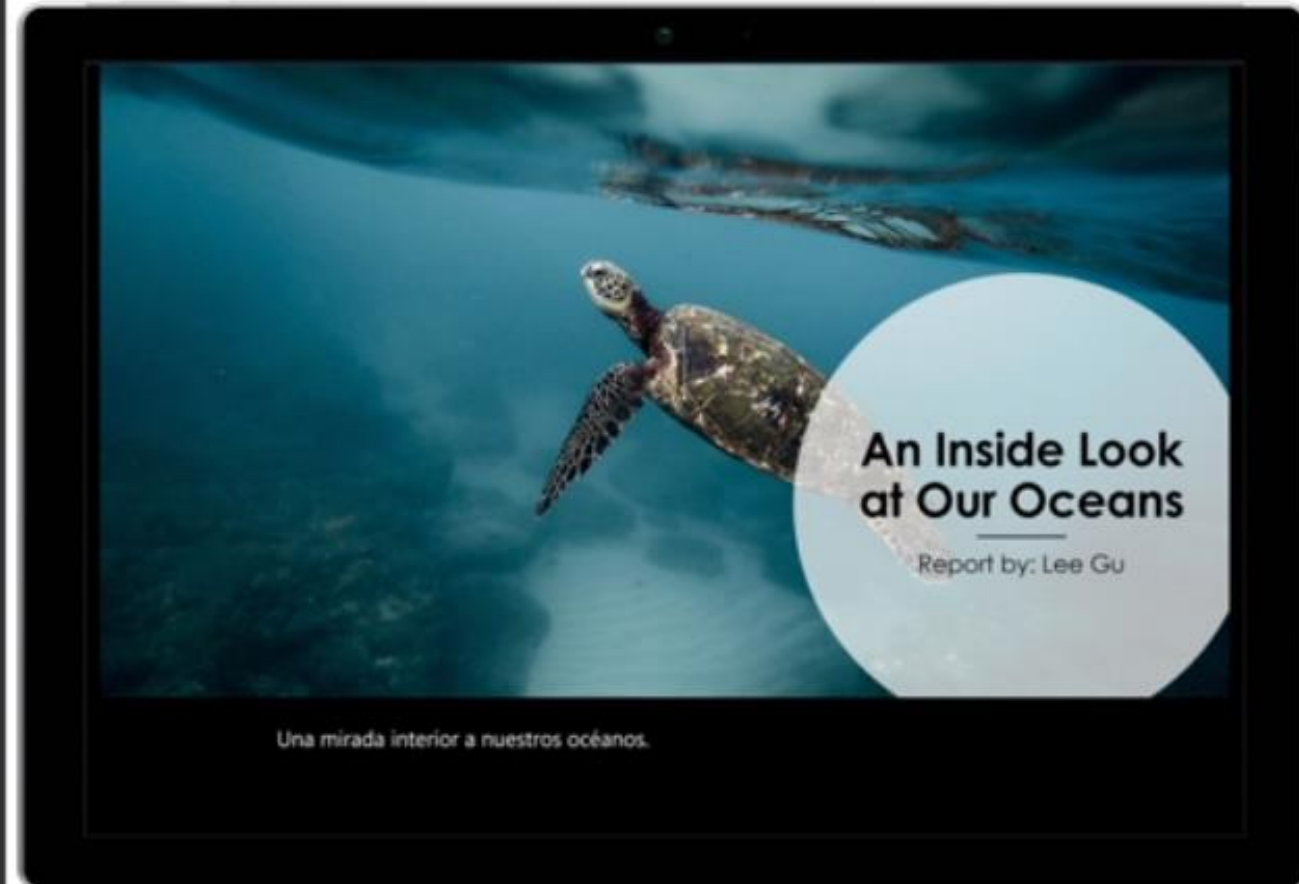


Live presentations can be thought-provoking, inspirational, and powerful. A great presentation can inspire us to think about something in an entirely different way or bring a group together around a common idea or project. But not everyone experiences presentations in the same way. We may speak a different language from the presenter, or be a native speaker in another language, and some of us are deaf and hard of hearing. So, what if speakers could make their presentations better understood by everyone in the room? Now they can with live captions & subtitles in [PowerPoint](#).

In honor of the [United Nations International Day of Persons with Disabilities](#), we're announcing this new feature—powered by artificial intelligence (AI)—which provides captions and subtitles for presentations in real-time. Live captions & subtitles in PowerPoint supports the deaf and hard of hearing community by giving them the ability to read what is being spoken in real-

PowerPoint Captions – Desktop, Web and Mac

or even translating
your speech from
one language
to another



Translator Feedback

“

“I severely underestimated the impact that the Translator app would have on district leaders, newcomer students and their parents in one short year, and how it would charge up our plans for family engagement in the upcoming year”

”

Sam Sakai-Nelson

District Leader from San Diego, California

Math

Challenges for Students:

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

<	School 🔍
English	Order of operations
Math	Solving Linear Equations
History	Word problem
Science	Worksheet
Geography	Distance between points
	Factoring
	Exponents

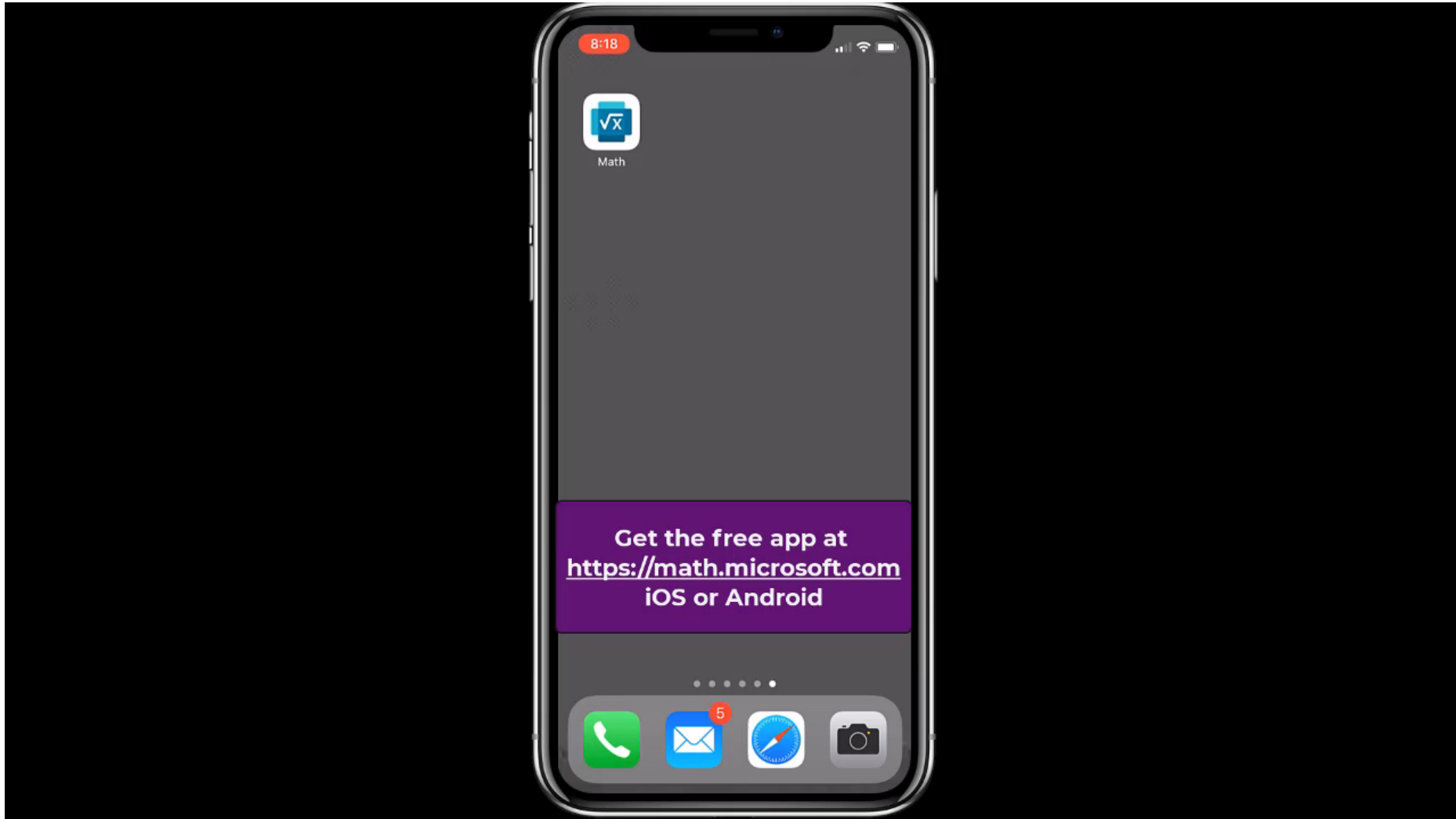
Worksheet

Tuesday, July 3 3:27 PM

$$X^2 + 4X + 3 = 0$$

$$X^2 + 3X + 2 = 0$$

Math Solver Immersive Reader



Demo

Short and sweet interactive guides

- ✓ Inclusive Reading:
<https://aka.ms/InclusiveReadingDemo>
- ✓ Inclusive Writing:
<https://aka.ms/InclusiveWritingDemo>
- ✓ Inclusive Math:
<https://aka.ms/InclusiveMathDemo>
- ✓ Inclusive Communication:
<https://aka.ms/InclusiveCommunicationDemo>



<https://www.microsoft.com/en-us/education/interactive-demos>



Microsoft Education Demo Tours

Get firsthand experience and training with Microsoft Education tools in these interactive demos. Help drive the transition to inclusive online learning, build confidence with remote learning tools, and maintain student engagement.



See how Microsoft Teams can work in your classroom

With Microsoft Education, students and educators can transition quickly to an inclusive online classroom, as well as work successfully in a hybrid-blended model.

Audience: IT Pros, School Leaders, and Educators

Topics Covered: Microsoft Teams, Posts, Meetings, Assignments, OneNote Class Notebook, Grades,



Learn how to support your student's learning in Microsoft Teams

As schools around the world look to distance and hybrid education, parents and guardians play an essential role by helping students navigate new technologies.

Audience: Parents, Guardians, and Students

Topics Covered: Microsoft Teams, Posts, Meetings, Assignments



Engage your students in collaboration and creativity

Learn how Microsoft tools help facilitate student engagement anywhere with immersive experiences that empower learning, imagination, and communication. Stay connected as a class working together, and as an educator seeking insight into how your students are doing and feeling.

Audience: Educators, School Leaders,



Set up your school with easy-to-manage technology

Deploy and manage classroom technology smoothly and efficiently with a range of time-saving services. Explore the intelligent security features that help keep your school's devices, users, and data safe.





Audience: IT Pros

Topics Covered: Office 365 Admin

Inclusive Classroom playlist and more

Quick tip videos: <https://www.youtube.com/miketholfsen>

Inclusive Classroom



ReadingWritingMathCommunication

▶ PLAY ALL

Inclusive Classroom and Accessibility


34 videos • 2,178 views • Updated 6 days ago

Public ▾

✂ ↗ ⋮


These videos focus on the inclusive classroom and accessibility for all students. Inclusive reading, writing, math and communication and how to ensure students of all abilities are included. Many of the Microsoft Learning Tools are covered here.

Learn more at
<https://www.microsoft.com/learningtools>



Mike Tholfsen


SORT BY



The best training materials for Microsoft Learning Tools and the inclusive classroom

Mike Tholfsen

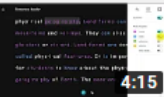
4:00



Special education and accessibility resources for remote learning with Microsoft Education

Mike Tholfsen


2:47



How to use the Microsoft Immersive Reader - making reading more accessible

Mike Tholfsen

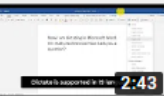
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The Microsoft Immersive Reader is integrated into your favorite EdTech apps and sites

Mike Tholfsen

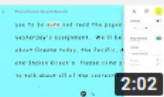
2:27



Dictation in Word, OneNote and PowerPoint. Free speech-to-text in Office 365 and Windows 10

Mike Tholfsen


2:43



Immersive Reader in Microsoft Teams - Assignments, Posts and Chat

Mike Tholfsen

2:02



Immersive Reader in the Microsoft Edge browser

Mike Tholfsen

3:26

MEC Accessibility

<https://aka.ms/MECAccessibility>

Special education and accessibility resources for remote learning

Providing support for teachers, students, and parents

The diversity of learning needs demands school systems provide inclusive, accessible learning environments that inspire confidence and encourage independence differently for each student. Learn about how to create a [personalized and engaging remote learning experience](#) for all of your students through the resources provided in the sections below.

These resources are intended for all educators, but will be especially helpful for educators and support staff who work in the following areas: special education, assistive technology, blind and visually impaired, deaf and hard of hearing, occupational therapy, physical therapy, speech language pathology, early childhood special education, behavior, counseling, school psychology, language interpretation, literacy, autism, and many other areas that assist students who need specially designed instruction.

Check back frequently for new updates

Accessible technologies to help students with disabilities unlock their full potential by addressing the diversity of needs.



Supports for students with inclusive personalizing tools starting in the primary grades through graduation.



Preparing all students to be independent with workforce ready skills for higher education and as they begin careers.



Knowledge to advocate for the technology and tools needed to be successful and independent in the workplace and life.

Reading, writing, math

- Interactive Reader
- Independently digitize materials with Office Lens
- Dictate content across Office 365
- Word prediction to assist with writing
- Breaking content in smaller parts with Headings in Word
- Built-in math tools in OneNote

Speech, language, communication

- Practice speaking with PowerPoint Presentation Coach
- Practice conversational learning with Microsoft
- Reading and listening to text with Immersive Reader
- Pinned auditory language with Air options
- Respond to prompts using the Chat feature in Teams

Neurodiversity

- Minimize distractions with Immersive Reader Focus Assist, Focus Mode, and Reading view
- Writing assistance with Learning Tools, Word Prediction, and Dictation
- Stay organized using To Do on any device
- Complete work alternatively using Microsoft, Digital Writing, Soap, PowerPoint, Screen Recorder, Whiteboard

Hearing

- Personalize the computer with the Ease of Access Center
- Use subtitles in Teams, Translator, PowerPoint Presentation, Translator
- Add captions to videos in PowerPoint, Soap and Stream



Mental health

- Opportunities to connect with students and families with video chat feature in Teams
- SB, through lessons in Microsoft
- Alternative content creation with Microsoft, digital writing, PowerPoint recording, Soap, Whiteboard
- Data collection tools in Microsoft, Soap, Teams

Mobility

- Personalize the computer with the Ease of Access Center
- Dictate presentations and documents
- Use computer with keyboard only and on-screen keyboard
- Sticky keys and Filter Keys for one-handed access
- Speech recognition to control the computer
- Engage computer using eye control and third-party tracking devices
- Play with others using the Xbox adaptive controller

Vision

- Personalize the computer with the Ease of Access Center
- Accessibility checker to ensure all content is accessible
- Built-in screen reader with Narrator in Windows 10
- Independently digitize materials with Office Lens
- AI translates the visual world into an audible experience
- Basic coding for younger students with Code Jammer

Executive Function

- Planning with To Do
- Scheduling in Planner and Outlook
- Breaking down tasks in OneNote and Navigation in Word

Dyslexia Awareness Month

<https://aka.ms/dyslexiadecodEd>



Dyslexia DecodEd

Three-part digital event
October 14, 20 and 27

Register today

Featuring:



Shawn Anthony Robinson, Ph.D.
Co-founder, Doctor Dyslexia Dude &
Reading Faculty, Madison College



Kate Griggs
Founder,
Made by Dyslexia



Michelle Perry
Special Education Advocate & Regional
Leader, Decoding Dyslexia California



Dean Bragioner
Founder & Executive Dyslexic,
NoticeAbility Inc.

*"No one should have to ask
for access, it should just be
there."*

Marlee Matlin

Academy Award Winning Actress

Outside In Talk at Microsoft

December 2016



Closing The Gap



Supporting Students with Dyslexia with Microsoft Tools in Every Learning Environment

Rachel Berger

Rachel.berger@iamdyslexia.com

Twitter: @rachelmberger

Abstract orange geometric shapes, including a large central rectangle and several triangles, creating a modern, architectural design.

Thank you.

