

# How Does Microsoft Meet Student Needs?

Last updated: November 2020

## Today's Diverse Classrooms



2.5 million students in the US have a learning disability - such as dyslexia<sup>1</sup>



~50% of teaching time can be lost to managing student assistive technology needs<sup>2</sup>



52% of teachers in the US have English as a second language learners<sup>2</sup>



15-20% of people in the US have a reading disability<sup>2</sup>

## TOP DIFFERENTIATORS

Some differentiators to consider between the accessibility and assistive technology offerings of Microsoft and Google.



### Broad range of integrated accessibility tools FREE of charge

- **Microsoft provides FREE OF CHARGE 5x more** integrated assistive technologies than Google's solution (see below)
- These tools provide options for assisting with; reading, writing, math and communication skills<sup>2</sup> needs **at no extra cost**

### Create Inclusive Classrooms

- **Built-in** assistive technology helps students fit in and **reduce the stigma** for those with learning challenges
- Microsoft Teams users were on average **25% more likely** to feel confident that students with special accessibility needs are **having those needs met** with their remote learning platform<sup>3</sup>

### Time and cost savings for educators and IT

- Intuitive, integrated tools across applications used every day **reduces the amount of set up and training time and makes troubleshooting easier**<sup>2</sup>

## ASSISTIVE CAPABILITY COMPARISON

Accessibility features included with each solution at no extra cost		Microsoft	Google
Reading	Immersive reading	✓	
	Parts of speech	✓	
	Picture dictionary	✓	
	Line Focus	✓	
Writing	Translation	✓	✓
	Speech to text (dictation)	✓	✓
	Basic word prediction	✓	
	Talking spell/grammar check	✓	
	Advanced spelling/grammar and natural language processing	✓	
Math	Inking	✓	
	Equation recognition	✓	
	Equation/expression checker	✓	
Communication	Inking	✓	
	Real-time captioning	✓	✓
	Real-time translation	✓	
	Automatic alternative text	✓	

## IMPORTANT CONSIDERATIONS

- How do you meet the needs of your students who need assistive technologies in a cost-effective way?
- For students with reading challenges, how are you working with them on inter-related subjects like story problems and equations in math?
- How are you helping to reduce stigmatization of students using assistive technology?
- How important is it to make sure your teachers are maximizing their instructional time with their students?
- How are you training teachers at scale to use your assistive technology tools?

## REFERENCES

1. [U.S. Department of Education Statement on Learning Disabilities](#)

2. [Microsoft Accessibility and Assistive Technologies for Education a TEI Analysis](#)

3. [Microsoft Accessibility Features Sway](#)