



# Multilingual Learners and AAC: A Review of Free, Low Cost and Paid Resources Available to Special Education Teams

Charting the Cs  
Conference 2025:  
*To Literacy and  
Beyond*

April 2025

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Cooperation  
Communication  
Collaboration

# Introduction and Disclosures:

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# Session Outcomes:

## Throughout this interactive session participants will:

- Explore and understand a variety of features in various Augmentative and Alternative Communication (AAC) language systems to support multilingual learners who are minimally or partial speaking.
- Discover a resource bank of online and web-based assistive technology tools to support communication skills of multilingual learners, for both Universal Design for Learning (UDL) and individual student needs.

# Acronyms Used in this Presentation:

- UDL: Universal Design for Learning
- ML: Multilingual Learner
- ELL: English Language Learner
- AT: Assistive Technology
- AAC: Augmentative and Alternative Communication
- SGD: Speech Generating Device
- SLP: Speech Language Pathologist
- IEP: Individual Education Program
- AI: Artificial Intelligence

# Overview

## Topics we'll explore today:

- Multilingualism and Myths of ML and AAC
- Features of “Quality” multilingual AT and AAC tools
- AAC language applications that support ML communicators and families
  - Helpful features to consider
  - Specific apps and their features
- Online resources related to AAC, AT and UDL for ML learners
  - Low tech visual supports and core boards
  - Websites, extensions to support multilingual assistive technology

# Session guidelines:

## **This is a collaborative, interactive session:**

- If you have questions or comments relating to the content on a specific slide, please feel free to raise your hand and contribute

## **This is a flexible session:**

- Much of the information will be a brief overview
- There will be time at the end for you to share additional websites, apps or tools that you like to use with multilingual students
- If we have extra time at the end we can go back to some of the apps and tools for a deeper dive

# Definitions: ELL, ML

Source: ED WEEK [The Evolution of Terms Describing English Learners: An ELL Glossary](#)

- We used to say ELL to describe students who were “English Language Learners”.
- MLL / ML (Multi Language Learner) has become the recommended term of choice for students who are learning or speak multiple languages and dialects. It is considered to be a more inclusive term overall.
- Recognition that languages used may differ according to communication context, partner or purpose
- Different levels of multilingualism based on how / when someone acquires a new language
- “Heritage Language” often used to describe first language or home language

# Multilingualism and AAC: Myths and Realities

- **The Informed SLP: [Don't Be a Misinformation Spreader](#)**

“The recommendation to stop speaking a language—especially one that is important to the child's family—goes against our professional standards AND against the science.”

- **Hola Blog: [Myths and Facts: Bilingual Language Development](#)**

- **Mindel and John: AAC for All: Culturally and Linguistically Responsive Practice**

- **Mindel and John: [Misconceptions About Bilingualism, Disability, and AAC](#)**

- Myth Example: “Children with developmental disabilities and complex communication needs (CCN) are not capable of becoming proficient bilingual communicators.”
- Myth Example: “Bilingual children with developmental disabilities and CCN should just focus on one language.”

# Online Resource: PrAACtical AAC

Video of the Week: [Multilingualism in AAC](#) by Professor Kerstin Tönsing, Nov 2023

- Provides overview: definitions, myths and realities, service delivery, aided AAC

**Some reflections by parents, teachers and SLPs**

**SLP**  
Uh the difference that I see when I have a English child that needs a device, I tell the parent, this is available apps, go and have a look. Proloquo. They just download it. But it click-click - it's done. And they start using it. If it's Afrikaans, it's like, that's a good one to use, how can we get it into Afrikaans, is there a voice? Then we can't.

**Parent**  
It's a feeling of disappointment, her not speaking the language...we said, okay, we just have to stick it out in English, and that's it.

**Teacher**  
Home languages...always, always the best, but because the language that our school teaches is English...English is the best...Under the circumstances it's the best to teach them in English.

**Parent**  
I would like him to learn Sesotho because I can dialogue in Sesotho, I can...read, write in Sesotho extremely well, uhm and him, he is completely different from me. So it's, ja. Initially it was hard for me .....

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# Features of Quality Multilingual AT and AAC Tools

- **Praactical AAC: Cultural-Linguistic AAC: Feature Considerations**
  - Consider **Vocabulary** Features
  - Consider **Programming** Features
- **Bilingue AAC Feature Checklist**

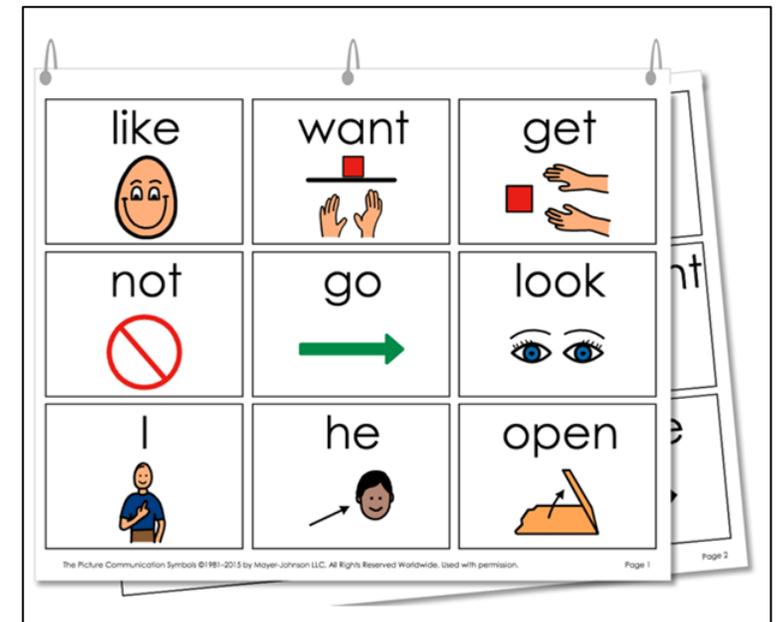
# Features of Quality Multilingual AT and AAC Tools

- **Vocabulary Features**
  - Robust access to core and fringe words
  - Ability to add phrases
  - Efficient access to both languages
  - Code switching
  - Grammar support - word order, grammar support, etc.

# Feature: Core vocabulary

<https://www.project-core.com/9-location/>

- **Core vocabulary** refers to a small number of words that make up 70-90% of what we say on a daily basis. These **words** are relevant across all environments, and can have many meanings when combined together.
- **Core words** include types of words such as pronouns, actions/verbs, prepositions, adjectives, etc. (not nouns)
- There is a core set of words/ phrases used universally around the world, typically used to express wants, needs and social exchanges.



# Feature: Fringe vocabulary

- Fringe vocabulary refers to words for the everyday THINGS that are a part of daily activities.
- Fringe words are typically nouns, including personally important people, food, places, and things
- Words may also be specific to one environment (lower frequency)

<https://www.teacherspayteachers.com/browse?search=aac%20choice%20board>



## Feature: Grammar Support

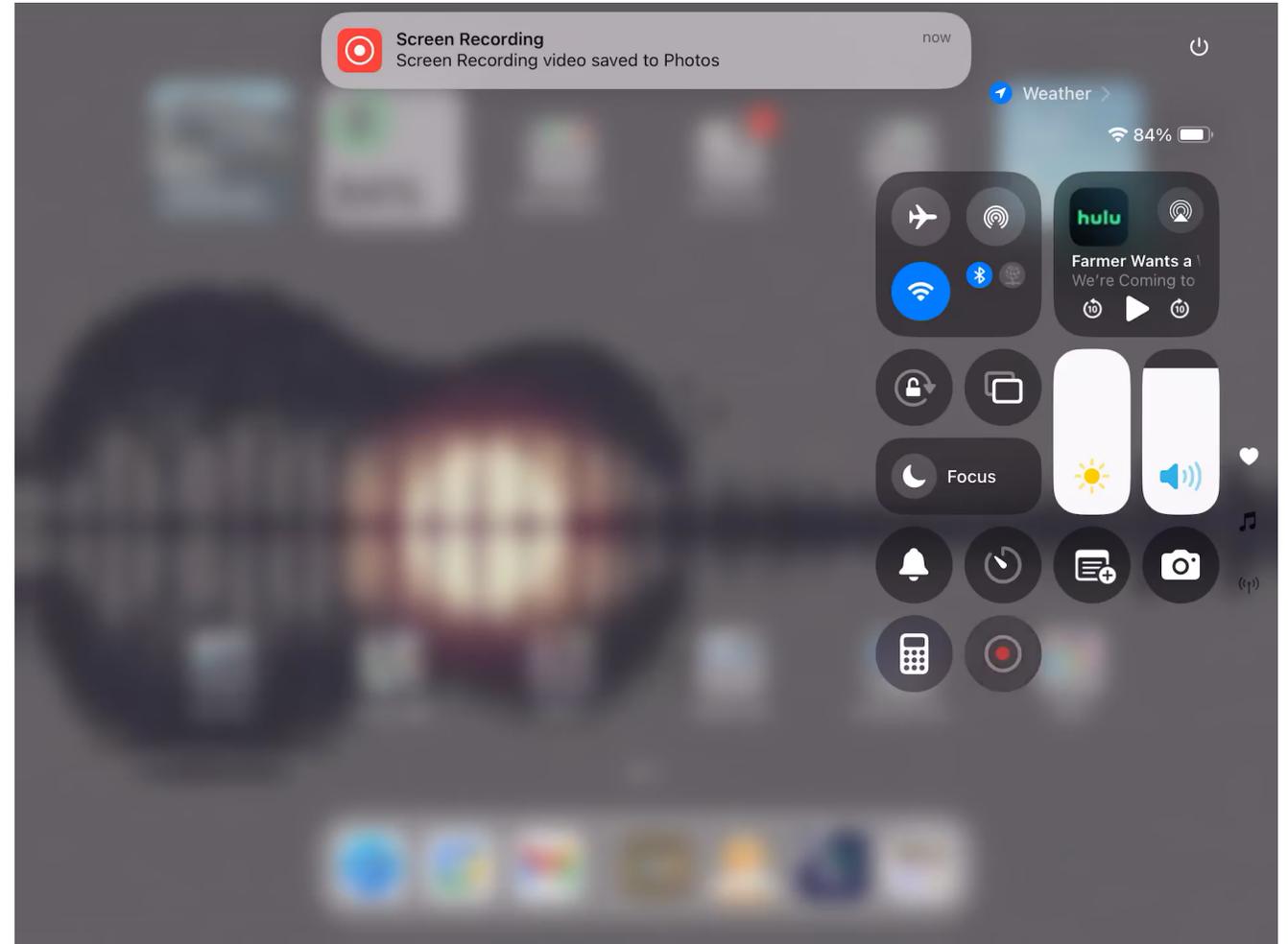
"Grammar support in bilingual AAC" refers to the feature within an augmentative and alternative communication (AAC) device that allows users to access different grammatical forms in multiple languages, enabling them to construct grammatically correct sentences in both languages within the same system; essentially, it provides the ability to select the appropriate verb conjugations, noun declensions, and other grammatical elements based on the language they are currently using.

Source: [AAC Considerations for English/Spanish Bilingual Users](#)

# Feature: Code Switching

- Code Switching is “Alternating between two or more languages or language varieties/dialects in the context of a single conversation. Using elements of more than one language when conversing in a manner that is consistent with the syntax, morphology, and phonology of each language or dialect.”
- This may look like:
  - Having BOTH languages in the message window
  - Having BOTH languages spoken in the appropriate voice
  - Often done by students when they are proficient in one language and learning another
  - Can also be dependent on the context/ formality/ situation of the conversation

# Code Switching Example Video



# Features of Quality Multilingual AT and AAC Tools

- **Programming Features**
  - Flexibility with icon representation- symbols and photos that are appropriate and reflective of the culture
  - Ability to record messages easily on a button
  - Accurate voice representation
  - Ease of programming for families and teams

# Programming Features

- Customizable settings: Many bilingual AAC systems allow users to adjust the level of grammar support based on their language skills, including the ability to turn on or off specific grammatical features as needed.
- Language selection: Users can switch between languages within the AAC device to access the correct grammar rules for each language. This can help bilingual AAC users develop their language skills more comprehensively.
- Digital and Synthesized voices
  - Digital recordings allow for families or native language speakers to record messages in home language; important especially for those languages that are not yet represented in AAC.
  - Quality Synthesized voices are often available in robust AAC systems and language applications.

# Exploration of specific AAC apps

## Alex de la Nuez “[Bilingual AAC Options](#)” spreadsheet

- AAC apps listed by name, operating system, price, page sets, languages, and type of AAC (symbol or text based)

	A	B	C	D	E	F	G
1	App	OS	Price (CAD)	Page Sets, Vocabulary Files, & In-App Purchases	Languages	Type of AAC	Updated March 7, 2023
5	<a href="#">Bilingual AAC Options</a>	Android	Subscription: Supporter Access \$29.99 Communicator Access \$249.99 Evaluator Access \$29.99		English, German, French, Dutch, Italian, Portuguese, Czech, Danish, Swedish, Faroese, Chinese, Greek, Italian, Japanese, Korean, Norwegian, Polish, Russian, Spanish, Turkish	Symbol-based	
6	<a href="#">TD Snap</a>	IOS, Windows	69.99 In-app purchases: PODD Page Sets \$149.99 Nuance Voices \$39.99 Gateway Page Sets \$149.99 METACOM Symbols \$49.99 Acapela Voices \$39.99	Motor Plan	English	Symbol-based	
7				Core First	Arabic, Mandarin, Czech, Danish, Dutch, English, French, German, Icelandic, Italian, Japanese, Norwegian, Portuguese, Spanish, Swedish	Symbol-based	
8				Text	Chinese, Czech, Danish, Dutch, English, French, German, Icelandic, Japanese, Norwegian, Portuguese, Spanish, Swedish	Text-based	
9				Aphasia	English, German	Symbol-based	
10				Scanning	English	Symbol-based	
11				PODD	English, English (AU)	Symbol-based	
12	Gateway	English	Symbol-based				

# AAC Apps with multilingual features

- Avaz
- Cboard AAC
- Chatterboards AAC
- Cough Drop
- Dialogue AAC
- Flexspeak
- GoTalk Now
- Grid 3 and Grid for iPad
- LAMP Words for Life and Unity (PRC Saltillo)
- Predictable
- Proloquo2Go, Proloquo4Text, and Proloquo (Assistiveware)
- Scene and Heard
- Speech Assistant AAC
- TD Snap, TD Talk, and Snap Scene (Tobii Dynavox)
- Touchchat HD with Word Power
- Vocab
- Weave Chat

# AAC App: Avaz



Website: <https://www.avazapp.com/>

- App based- iOS and Android / Google play
- Free lite version, yearly or lifetime subscription (99.00 / 199.00)
- Add on purchase for [language vocabulary packs](#)
- [9 languages](#)

# AAC App: Cboard



Website: <https://www.cboard.io/en/>

- Open Source web application
- Supports 46 languages
- Pictures and text-to-speech
- Registered users can edit and save boards
- AI Empowered
- New Windows app available

# AAC App: Chatterboards AAC

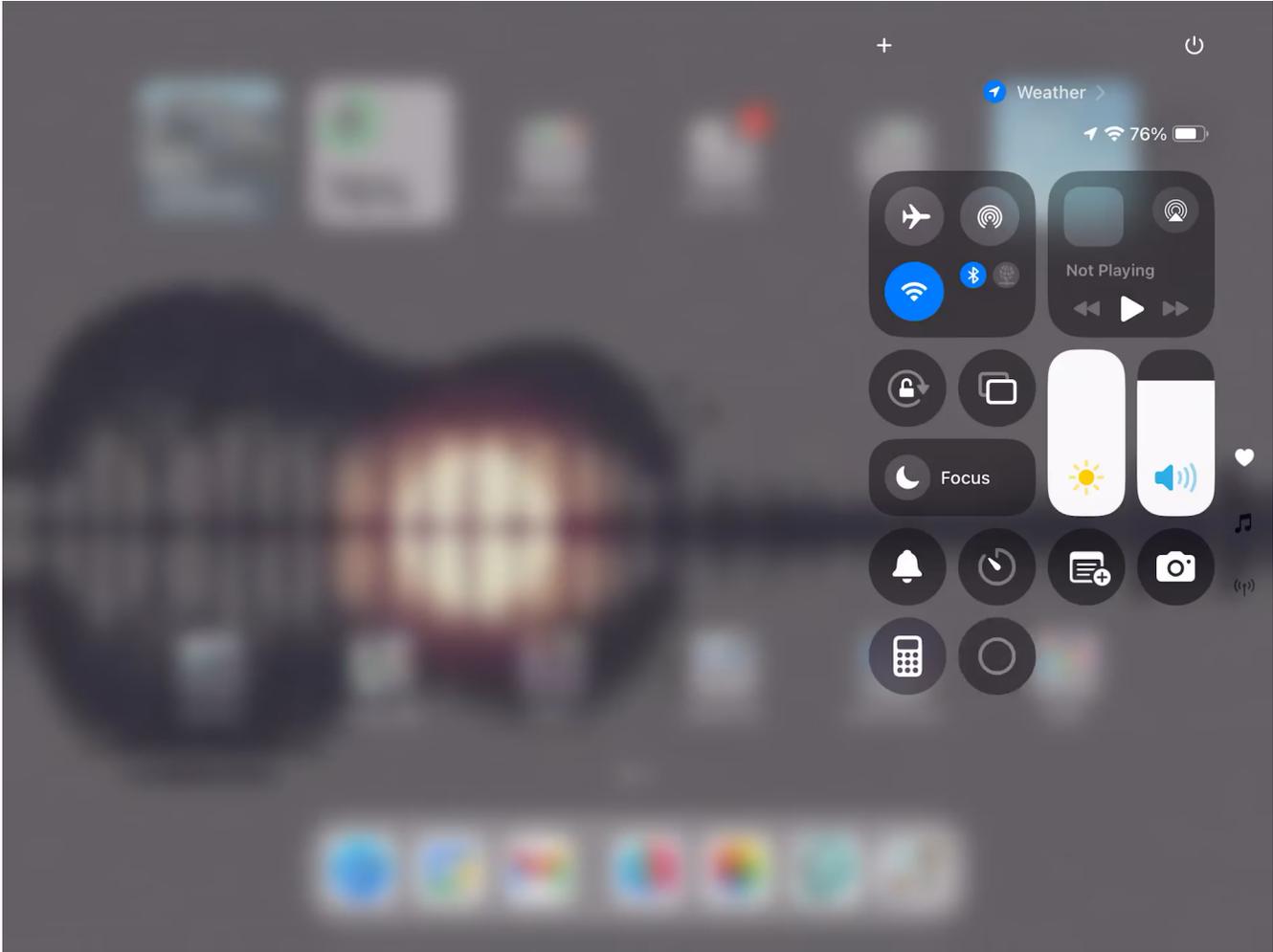
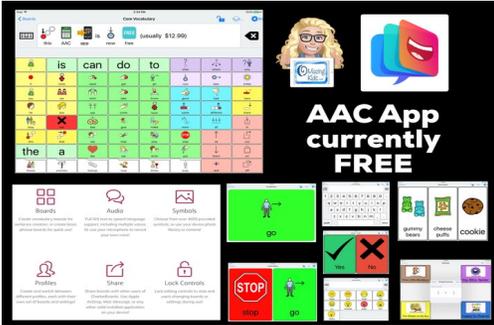


Website: <http://chatterboards-aac.com/>

- Free for iOS
- Text to Speech supports all iOS packaged languages (over 50 languages/dialects). Includes multiple male and female voices for English.
- Fully customizable, simple recording feature on button for bilingual messages
- Sample boards, multiple profiles allowed, masking buttons

# CHATTERBOARDS

# VIDEO



# AAC App: CoughDrop



Website: <https://www.mycoughdrop.com/>

- Web browser or app based (iOS, Android, Windows, Amazon)
- Subscription – [various price options](#) (offers free 2-month trial)
- [20 languages](#) – support page with resources and videos for using with multiple languages, translating boards into other languages, choosing a voice / language.
- Search feature on site to find sample boards in other languages that others have shared

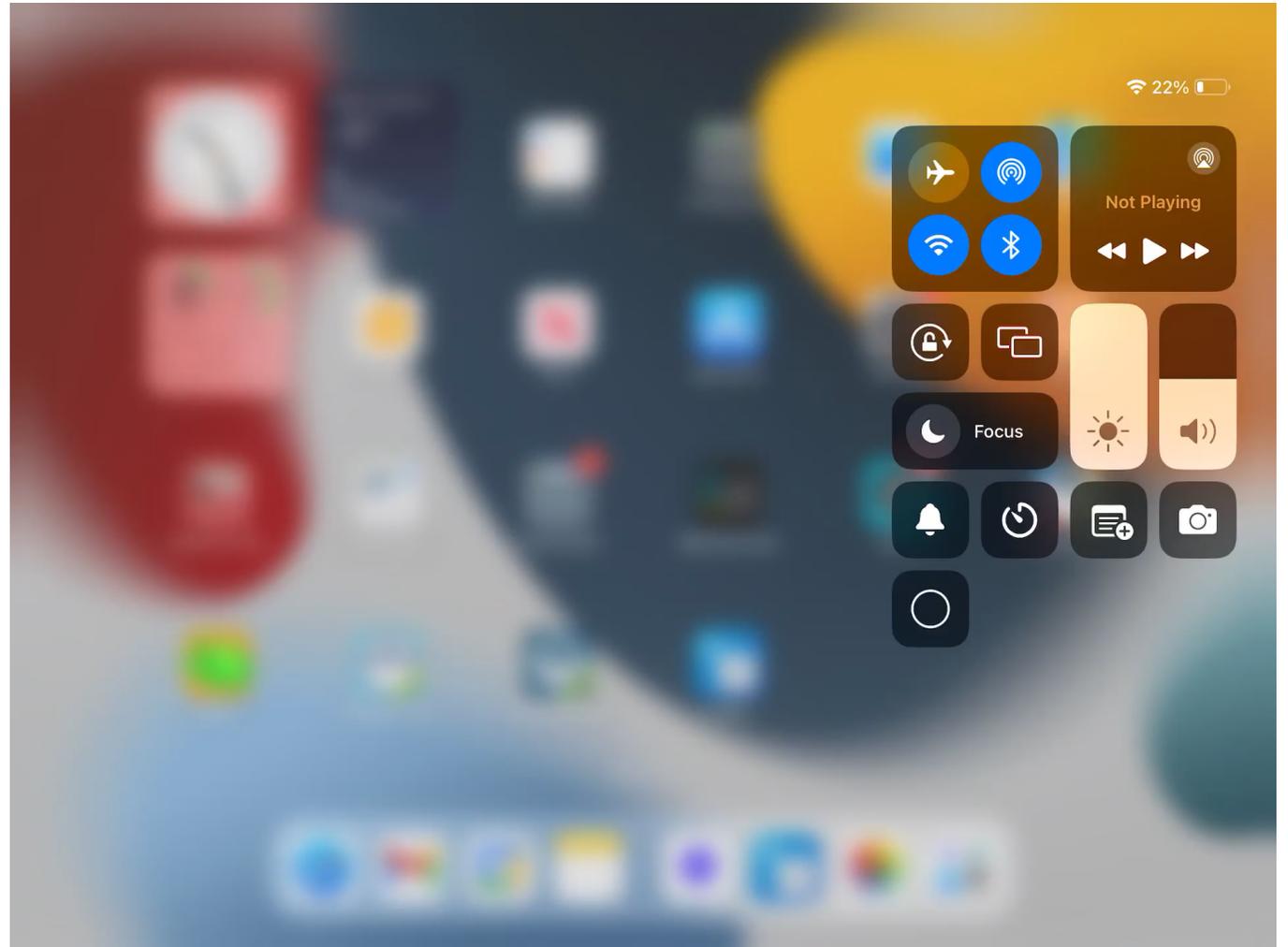
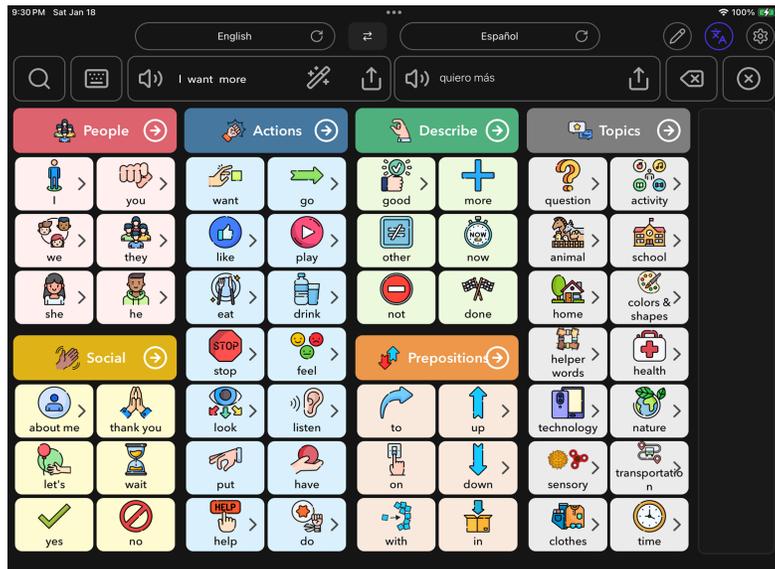
# AAC App: Flexspeak



Website: <https://www.flexspeak.com/>

- iOS
- Free 30 day trial, then \$299.99
- [20 languages](#)
- [FREE copy](#) for professionals who work with AAC
- Features: Cloud backup, AI enhanced translation, grammar support, show one or both languages in the message window

# FLEXSPEAK VIDEO



# AAC App: GoTalk Now

Website: <https://www.attainmentcompany.com/gotalk-now>

- Web browser or app based (iOS, Android, Windows, Amazon)
- Pricing options (free Lite Version, and then up to 190.00)
- 16 languages – add on pricing for voices (\$.99 each)
- Can add video or audio recording to buttons (good for multilingual users and Deaf/ Hard of Hearing individuals to teach ASL signs to communication partners)
- Some pre-made boards available in online [template gallery](#)



# AAC App: Grid / Grid 3

Website: <https://thinksmartbox.com/grid/>

- iOS (Grid for iPad) or Windows (Grid3)
- 60 day [free trial](#), then subscription or one time cost based
- [40+ languages](#) (depending on page set)
- [Support article](#): using more than one language, change voices and toggle between languages



# AAC App: Lamp Words for Life, Unity

Website: [LAMP WFL](#) , [Unity / Unidad](#)  
(PRC Saltillo)

- iOS (LAMP WFL), Windows (LAMP WFL, Unity)
- 2 languages – English/ Spanish with full grammar support
- Free Unity editing software with trial of voices
- Motor plan support
- Can record on button by adding an “Action” or choosing “recorded speech”



# AAC App: Predictable (from Therapybox)

- iOS (\$160) and Android (\$175) options
- Text based with symbol support
- 11 primary language options
- Alternative access- iOS head / eye tracking, switches, android eye tracking and switches
- NEW features:
  - Translate message window text into 43 languages
  - Ask ChatGPT anything and get a response directly in your Predictable message window



# AAC App: Proloquo2Go



Website: <https://www.assistiveware.com/products/proloquo2go>

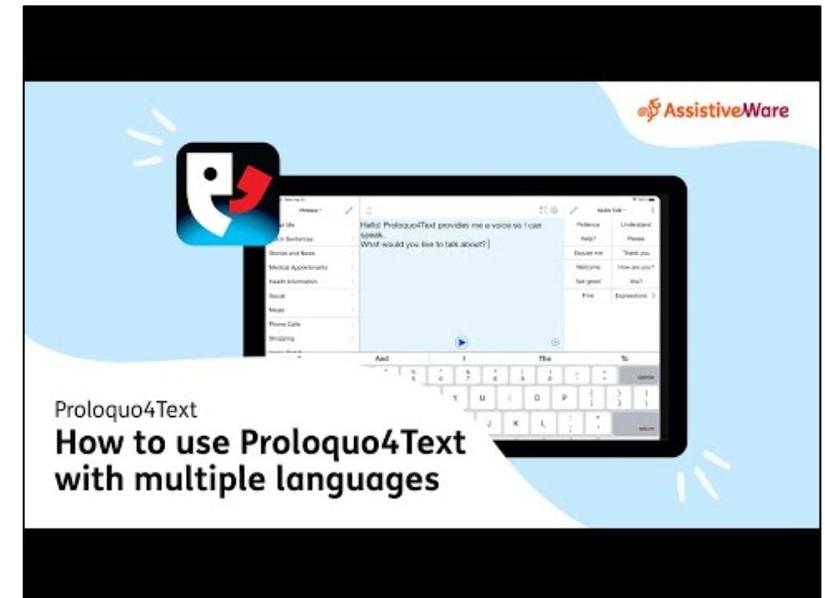
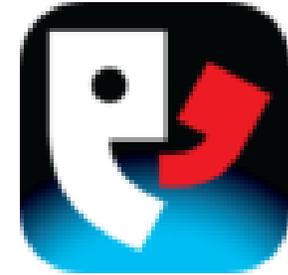
- iOS iPad and iPhone
- Free 30 day trial, then \$299.99
- 4 languages, multiple accents, bilingual and code switching
- [Bilingual features of P2GO](#) and Example [video](#) of bilingual English / Spanish
- Features: multiple access methods, can change languages and voices on individual buttons on a single page instead of toggling between profiles, simple to record on button during programming

# AAC App: Proloquo4Text

Website:

<https://www.assistiveware.com/products/proloquo4text>

- Text to speech- no symbols
- iOS- iPhone, iPad, Apple watch
- 9 “base” languages
- Supports 130 voices across 18 languages



# AAC App: Speech Assistant AAC



- iPad, iPhone, Apple Watch, Android
- Text to speech with pre-programmed phrases (can add symbols or photos)
- 5 languages in iOS version only, with 40 language voices using Apple's Personal Voice
- Use app during phone calls (iOS only)
- <https://www.youtube.com/watch?v=Ykqcit60uyc>
- Features: cloud backup, import recorded voice, multiple profiles in one app
- Alternative switch- access app version in iOS

# AAC Apps: TD Snap, TD Talk, Snap Scene



Website: <https://us.tobiidynavox.com/pages/td-snap>

<https://www.tobiidynavox.com/products/td-talk>

- iOS and Windows
- [Free copy](#) of TD Snap for professionals (SLPs- and possibly others?)
- 19 languages in Core First (3 bilingual), 3 languages in Motor Plan (1 bilingual), and up to 9 languages in their TD Talk (Text) and Snap Scene vocabulary
- True code switching in bilingual user areas
- Simple to record on button during programming and Bing safe search to look up web-based symbols and photos (helpful for culturally specific words)
- Alternative access options

# AAC App: Touchchat HD with Word Power



Website: <https://touchchatapp.com/touchchat-hd-aac-with-wordpower>

- iOS – iPad, iPhone
- “[ChatPower](#)” android version for Nova Chat- [Bilingual Spanish](#)
- “[Partner Program](#)” to allow SLPs to get free copy of iOS version, free 30 day trial with “Touchchat Discover” app
- 3 standard languages (English, Spanish, French) with ability to [toggle between profiles for bilingual support](#) and to upgrade to add Hebrew and Arabic
- Features: Multiple access including head tracking, record on button (with an “Action”, and play videos (library or online) which is helpful for video modeling in ASL.

# AAC App: Vocab



Website: <https://www.vocab.app/>

- FREE for iOS (iPhone, iPad Pro) and Android (7 or above)
- Text based
- 13 languages (not bilingual)
- [NEW: Generative AI conversation](#) responses with Chat GPT (will listen to a question and provide options for responses), options for alternative access
- Access: Head tracking and Touch

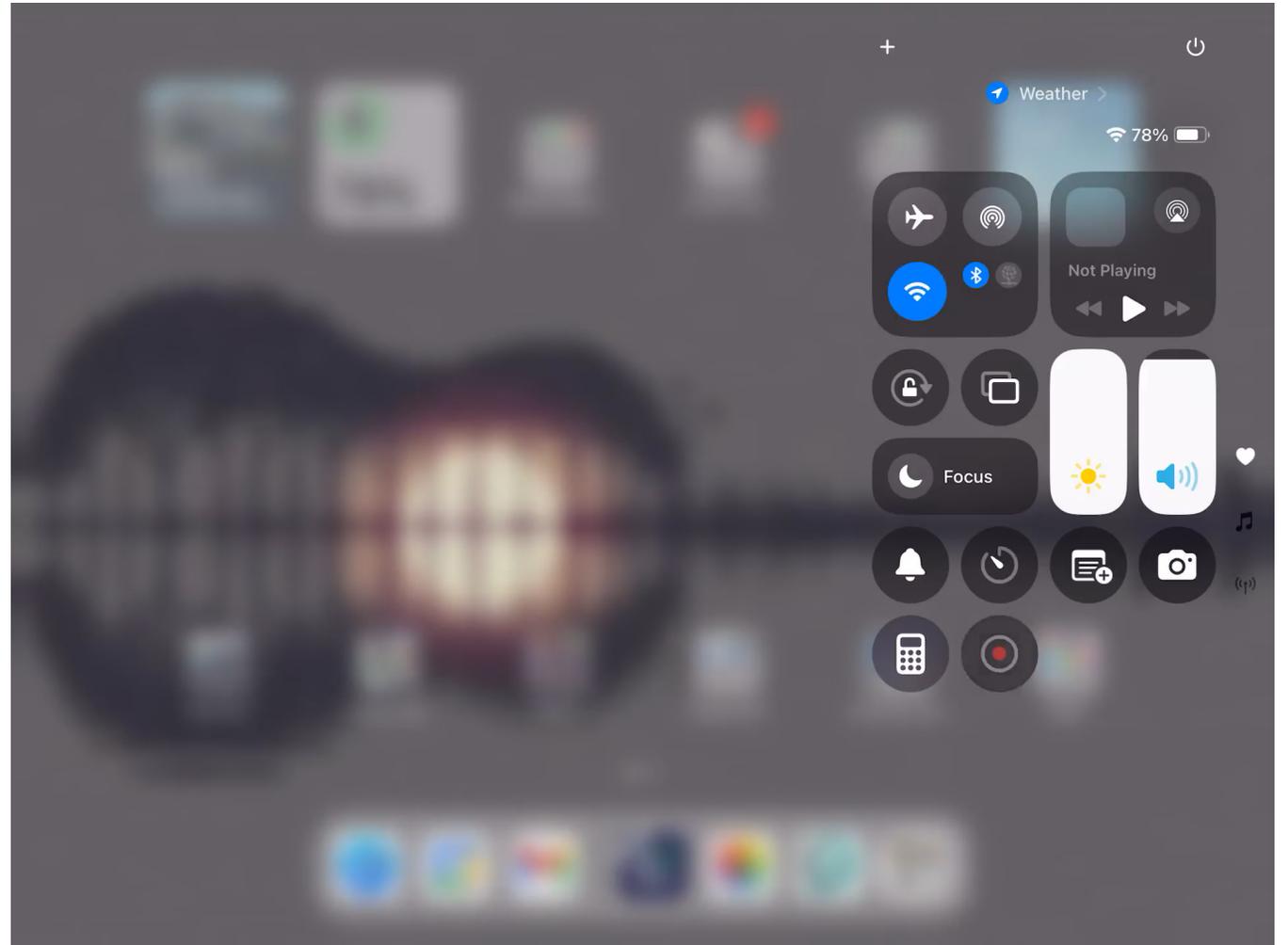
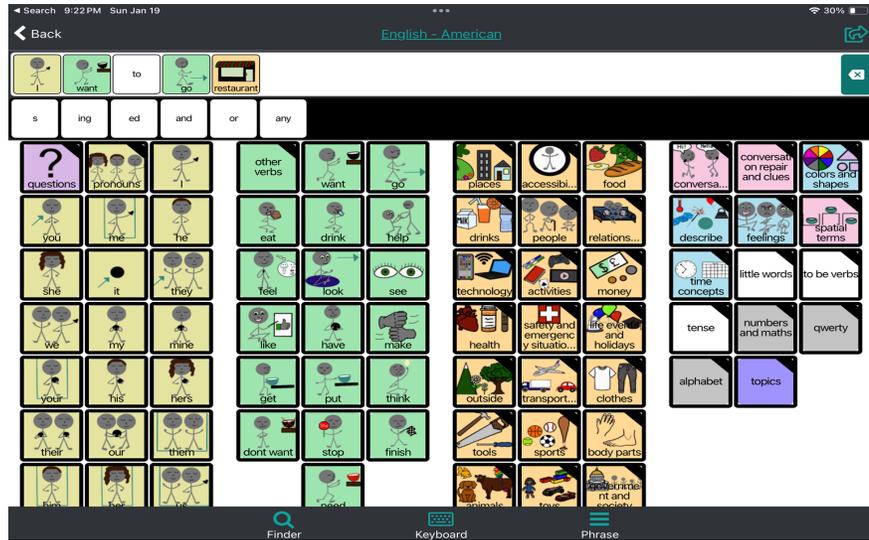
# AAC App: Weave Chat AAC



Website: <https://www.weavechat.com/>

- FREE for iOS, Android and Kindle
- Will [work with districts](#) to help get it configured for district-wide use
- [16 languages](#)- English has full grammar support; continuing to develop others
- [Voices](#) are dependent on system/ platform.
- Looking for volunteers to help them add more languages
- If you add a button / word in one language it is [added to all languages](#)
- Toggle between languages with a hotlink at the top of the page
- Sharing options for message in window- to text, other apps

# WEAVE CHAT



# Audience Participation Time

## Questions or Comments?

- Which apps do you currently use?
- What do you like about them?
- Are there apps you use that we didn't talk about?
- Any specific questions about the apps we did talk about?

# Online Resources for AAC and ML learners

- Omazing Kids
- San Francisco State University
- Ablenet
- Bilingüe AAC
- AND MANY, MANY more!!!

# Online Resource:

Angela Moorad- [Omazing Kids](#)



- [“Languages Available in the Top 11 iOS Symbol-Based AAC Apps”](#)
- [“True Code Switching in Bilingual AAC Apps”](#)
- [Video](#) comparing Code Switching in Proloquo2Go and TD Snap versus TouchChat HD with WordPower and LAMP WFL
- “Voices Available for Different Languages in Weave Chat AAC on iOS, Android and Amazon Fire”: <https://bit.ly/LanguagesAndVoices-WeaveChatAAC>
- Available on Teachers Pay Teachers as well as through subscription to Kofi site

# Online Resource: San Francisco State University

## 1. [Multilingual AAC Toolkit](#)

## 2. Gloria Soto Padlet “[Resources for Culturally and Linguistically Affirming AAC](#)”

- Language Specific resources
- Assessment Tools
- Home Language Surveys / Vocabulary Selection
- Bilingual AAC Rubrics and Tables
- Family Centered AAC Practice – Clinician Resources
- Cultural Humility Self-Assessment
- Communication Partner Tools
- Vocabulary Selection and Display tool

# Online Resource:

Ablenet Article: [Which AAC Apps Provide Alternative Language Options?](#)

- Frequently updated
- Provides lists of languages available in a variety of apps:
  - Avaz: vocabulary templates (14), FlexSpeak (19), Grid for iPad (25), Weave Chat (12), Proloquo2Go (4), Proloquo4Text, LAMP WFL (2), TouchChat HD with WordPower (5), GoTalk Now, TD Snap (18), CoughDrop (6)

# Online Resource:

**Bilingüe AAC: Bilingual Spanish / English parent-friendly AAC info Padlet**

<https://padlet.com/bilingueaac/bilingueaac-resources-2024-gmw3qsxcg0xo3zaz>

- Provides a variety of resources for working with multilingual students:
  - YouTube videos
  - Journal Articles
  - Bilingual AAC apps and communication boards
  - Websites
- Cultural Competence/ humility
- “Freebies” – handouts
- Translanguaging
- Bilingual AAC Intervention

# Assistive Technology as UDL for Multilingual learners

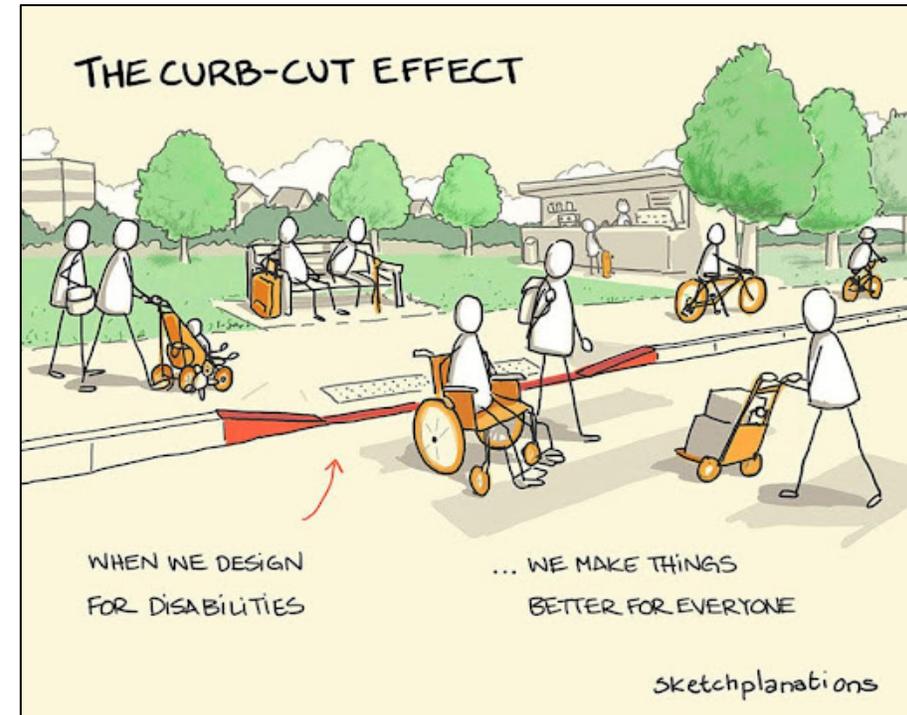
- UDL is a framework to guide the design of learning environments that are accessible and challenging for all.
- Ultimately, the goal of UDL is to support learners to become “expert learners” who are, each in their own way, purposeful and motivated, resourceful and knowledgeable, and strategic and goal driven.
- UDL aims to change the design of the environment rather than to change the learner.

# Assistive Technology as UDL for Multilingual learners

- When environments are intentionally designed to reduce barriers, all learners can engage in rigorous, meaningful learning
- UDL applies to the whole environment available to all students. The IEP requires individual consideration beyond UDL
- [Udguidelines.cast.org](http://Udguidelines.cast.org)

# The Curb-Cut Effect

- "The Curb-Cut Effect" describes how addressing disadvantages or exclusions experienced by one group of people creates an environment that enables everyone to participate and contribute fully.



# The Curb-Cut Effect

- Examples: closed captioning used for live talks, adjustable height desks, AAC apps for new to country students
- <https://dceg.cancer.gov/about/diversity-inclusion/inclusivity-minute/2021/curb-cut-effect>
- [https://ssir.org/articles/entry/the\\_curb\\_cut\\_effect](https://ssir.org/articles/entry/the_curb_cut_effect)

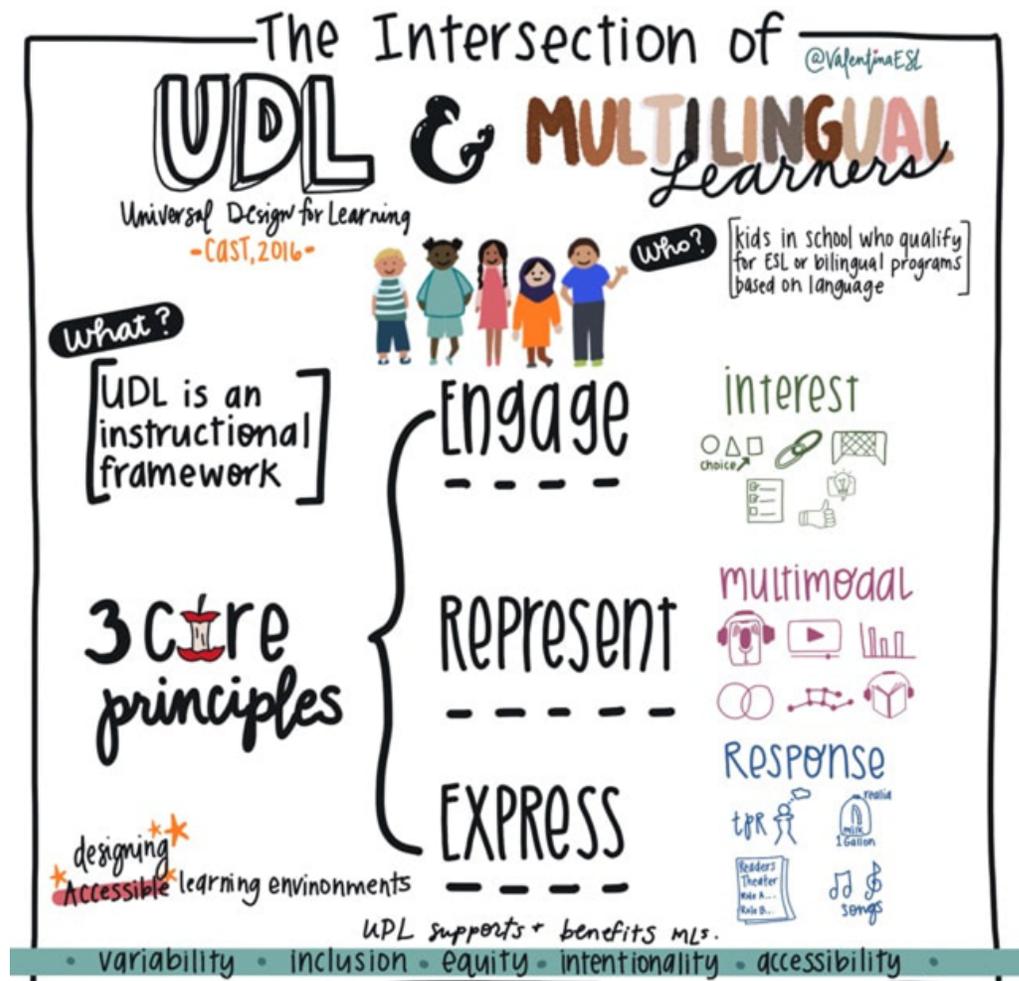
# Rooted Linguistics Blog

- [“The Intersection of UDL and Multilingual Learners”](#)

Thorough resource that provides

- Definitions
- Examples
- Benefits
- Strategies
- Resources

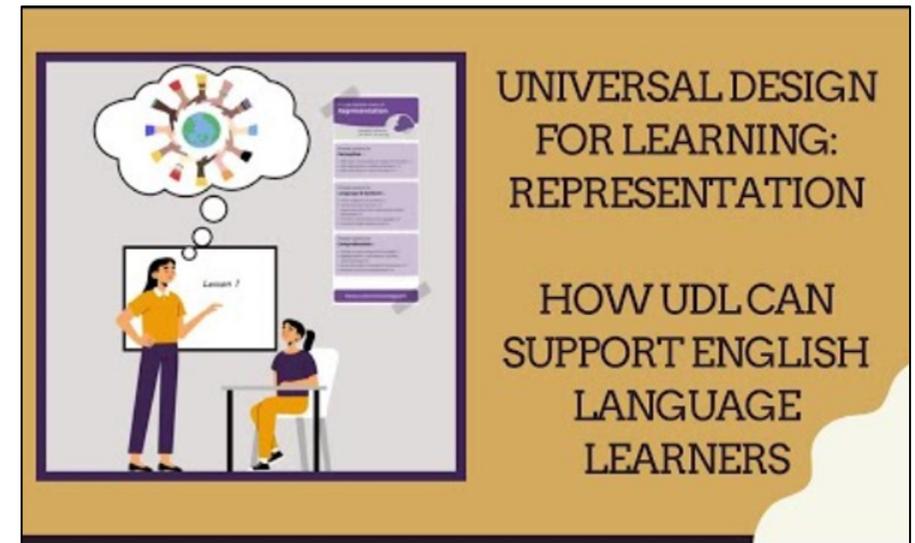
From [“Rooted Linguistics”](#) website



# Novak Education: 3 Ways to support Multilingual Learners with UDL

Technology support tools:

- Video captions can be translated on YouTube
- Text-to-Speech allows students to record their notes or thoughts in their native language then translate to English.



[https://youtu.be/1\\_HKcFSQoX8?si=B09LmF7yV-7HVb7X](https://youtu.be/1_HKcFSQoX8?si=B09LmF7yV-7HVb7X)

## Novak Education: 3 Ways to support Multilingual Learners with UDL, cont

- Sites like [ClassroomQ](#) can help students easily and privately ask for help when there is a language barrier
- Translate digital text to a student's native language through:
  - Google Translate
  - [Onlinedoctranslator.com](#)
  - Translate Function on Google Docs (click Tools > Translate > Select language to translate)

# Low Tech Visual Support Tool



Global Symbols

## Global Symbols - FREE

- Website itself is available in 20 languages, with tutorials and knowledge base help
- Create boards to aid communication using thousands of free images from their library or your own
- Design, build, save and print communication boards online with the [boardbuilder](#)
- Everything is stored safely in your Global Symbols account.
- Updates include online board sharing, use of Gen AI to make new symbols

# Low Tech Visual Support Tool

## Itty Bitty Speech [Core Vocabulary Communication Board Translation Library](#)

- Downloadable core word communication boards in over 20 languages
- Each download comes with both an English and chosen language core word board with symbols in the same location to promote motor planning
- Free to download and use on an individual basis
- Symbols tend to be geared more toward children, use a variety of skin tones

# Low Tech Visual Support Tool



## LessonPix

- Translation Tool <https://lessonpix.com/articles/3/223/Translation+Tool>
- Over 100 languages available
  - Can have both English and a second language as the label
  - Label is added and translated as you edit the board
- Many shared materials on the [Non-English curriculum page](#)
- Article: [Supporting English Language Learners](#)

# LESSONPIX LOW TECH BILINGUAL CORE WORD BOARD

## Core Board Somali

I / I 	Am / Aniga 	Can / Caag 	close / Xir 	Come / Kaalay 	Not / maya 	More / In badan 	Again / Mar labaad 	Who / Kee 
Me / Aniga 	Do / Samee 	Drink / Cab 	Eat / Cun 	Feel / Dareen 	Find / Raadi 	All Done / Sameeyay 	Sick / Xanuun 	What / Maxay 
You / Adiga 	Get / Hel 	Give / Sii 	Go / Aad 	Have / Qabso 	Hear / Maqal 	Happy / Farxad 	Sad / Xanaaq 	Where / Goobtee 
He / Asaga 	Help / Caawin 	Let / Daa 	Like / Sida 	Make / Samee 	Need / Baahi 	Good / Fiican 	Bad / Xun 	When / Goorma 
She / Ayada 	Open / Fur 	Play / Ciyaar 	Put / Geli 	Read / Akhri 	Say / Dheh 	Big / Wayn 	Little / Yar 	Why / Sabab 
We / Anaga 	See / Fiiri 	Sit / Fariiso 	Stop / Jooji 	Take / Qaad 	Think / Fikir 	Same / Isku mid ah 	Different / Kaaduwan 	Here / Halkaan 
They / Ayaga 	Turn / Wareeji 	Wait / Sug 	Want / Raba 	Will / Fikirmaan doora 	Work / Shaqo 	All / Dhammaan 	Some / Xoogaa 	There / Halkaas 
It / Iyada 	On / Fur 	Off / Xir 	Up / Kor 	In / Gudaha 	Out / Banaanka 	This / Kan 	That / Kaas 	Away / Maqan 

# Low Tech Visual Support Tool



## Boardmaker 7 Editor (Mayer Johnson / Tobii Dynavox)

- Uses Mayer Johnson Picture Communication Symbols (PCS)
- Boardmaker Share Center [bilingual resources](#) (accessed through “Myboardmaker”)

## Low Tech Visual Support Tool Cont.

- Available in over 40 Languages
  - Users can select symbols from the PCS library and translate them into various languages to create materials relevant to each student's language needs.
  - The software can be set to different languages, to allow user to navigate and create materials in their preferred language
  - Boardmaker 7 includes text-to-speech capabilities in multiple languages to further support comprehension.
  - For Bilingual Labels, would need to copy and paste in second language

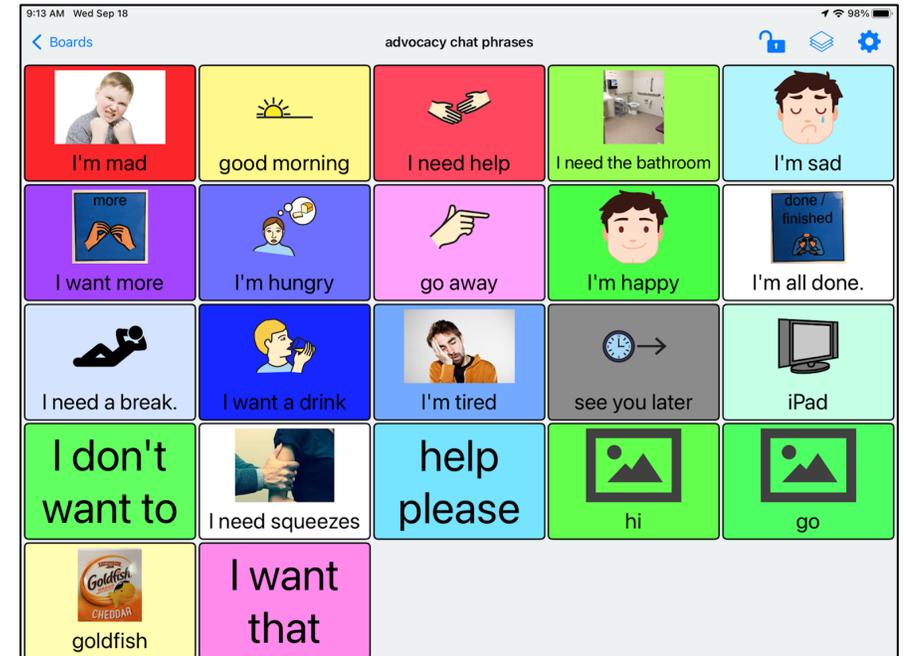
# BOARDMAKER LOW TECH BILINGUAL CORE WORD BOARD

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I / Kuv 	am/are/is aws 	can / tuaj yeem 	close / kaw 	come / los 	not/ tsis tau 	more/ ntxiv 	again/ dua 	who 
me/my/mine/ kuv 	do/did/does / ua 	drink / haus 	eat/ noj 	feel/ xav tias 	find/ nrhiav tau 	all done/ ua tiav 	sick/mob 	what / dab tsi 
you/your koj 	get/ tau 	give/ muab 	go/mus 	have/has muaj 	hear/ 	happy/ zoo saib 	sad/ tus saib 	where / qhov twg 
he / nws 	help/ pab thiab 	let/ cia 	like / nyiam 	make /ua 	need / xav tau 	good / zoo 	bad/ phem 	when / thaum 
she / nws 	open/ qhib 	play / ua si 	put/ tso 	read/nyee m 	say/said/tell hais 	big /loj 	little / tsawg 	why / vim li cas 
we / peb 	see/look saib 	sit / zaum 	Stop/ Nres 	take/ noj 	think /xav 	same / tib yam 	different/ txawv 	here / ntawm no 
they / lawv 	turn tig 	wait / 	want / xav tau 	will /yuav 	work / ua haujlwn 	this / qhav no 	that / uas 	there / muaj 
it /nws 	a 	and /thiab 	the / tus 	to / rau 	in / hauv 	on/ rau 	off /tawm 	away / tseg lawm 

# UDL Tool: Chatterboards AAC app

- Advocacy communication page designed for students who need AAC / voice output
- Board can be adapted to have bilingually recorded, symbol supported messages for general advocacy to be used by any student new to country as UDL support tool
- FREE app, can have multiple profiles aligned to different languages



# UDL Online Tool: Read and Write for Google

## OVERVIEW:

- Chrome extension that provides literacy tools that integrate directly with Google docs, PDFs, webpages.
- Customizable toolbar to support student at their level
- [Resources for use with ML students](#)
- [Scaffold Support](#)
- [Free vs Premium Subscription Matrix](#)

## BENEFITS:

- Supports for ML students- Providing tools but not dependency
- Literacy- Increase engagement with core instruction
- Social Emotional Needs- Decrease anxiety and work avoidant behaviors
- MTSS- Built in accessibility tools for tiered supports

# UDL Online Tool: [Microsoft Accessibility Tools](#)

## [Immersive Reader](#)

“Help students improve reading comprehension, stay engaged, and build confidence while supporting individuals with learning differences and multilingual learners. Bolster inclusive teaching practices with text decoding capabilities and individual word or whole-text translation in more than 100 languages.”

## [Translator](#)

“Improve communication between students, parents, administrators, and teachers who are linguistically diverse or who need adaptive vision or hearing supports with the Translator app. Translate learning activities and presentations in real time and bridge languages with the multidevice conversation feature.”

# UDL Online Tool: Microsoft Accessibility Tools

## Dictation

“Provide a range of ways to write and improve writing skills with speech-to-text capabilities. Dictation enables all students, including those with limited mobility, to use a computer microphone to dictate documents and presentations. Students can refine and review dictated text with advanced spelling and grammar checks and word suggestions.”

## Live Captions

“Share information in a more accessible way with real-time live captions and subtitles that display your speech as text while you speak. Live captions are available in Microsoft Teams and PowerPoint and are compliant with the Family Educational Rights and Privacy Act (FERPA).”

## UDL Online Tool: [Helperbird](#) (free)

- [Writing Features](#) : Annotations and Sticky Notes, Text Statistics, Document Editor, Note Organizer, OCR/ Screenshot reader, Screenshot Tool, [Voice Typing](#) extension, Spelling
- [Reading Features](#) : Line/Letter/Word Spacing, Customizable Font Sizes, Translation Support, Customize Paragraphs, Immersive Reader, Overlays, Paragraph Width, Reading Guide, Reading Mode, Dyslexia Ruler, Specialized Fonts, Custom Colors, Text Alignment, Text to Speech

## UDL Online Tool: [Helperbird](#) (free) Cont.

- [Accessibility Features](#) : Show Image & Link Descriptions, Color Blindness support, Customize Cursor Size, Grayscale, Hide Images and GIFs, High Contrast Mode, Customize Paragraphs, Immersive Reader, Mute Auto-playing Videos, Overlays, PDF reader, Quick Print, Privacy Protection, Screenshot Tool, Keyboard Shortcuts, Text Alignment, Page & Text Magnifier, Maths Reader

## UDL Online Tool: Helperbird (Pro)

- Pricing:
  - \$30.00/ year individual, \$1500/ year districts
- Writing Features :
  - Pro Version: Grammar Checker, Summarize Pages, Word Prediction)
- Reading Features :
  - Pro Version: Speed Reading, Auto Scroll, Read it Later, Summarize Pages
- Accessibility Features :
  - Pro Version: Auto Scroll, Maths Reader, OCR / Screenshot Reader,

## UDL Online Tool: [Avid Open Access](#)

- “AVID Open Access<sup>®</sup> is an open educational resource that provides practical, easy-to-use strategies to prepare your students for all that is possible in their future.”
- “Explore best practices, teaching tips, templates, and grab-and-go lessons. Our resources will help you integrate educational technology and teaching best practices into the classroom, while providing learning supports that your students need now more than ever.”

## UDL Online Tool: [Avid Open Access](#) Cont.

- [Accessibility Tools](#)
- [Multilingual Students Support](#)
- Classroom Resources
- Podcast
- Educator Programs

# UDL Online Tool: [Simeon Audio](#)

## Educational and Sound Field Technology

- “wireless assistive listening solutions with special focus on our Simeon® line of FM and Digital products throughout North America and in our export markets.”
- specialize in audio solutions for the classroom which include
  - soundfield amplification systems
  - personal FM and remote listening devices
  - voice amplification devices
  - a wide array of accessories including solutions for vision impairments

## UDL Online Tool: [Streamer](#)

**“Streamer™ is your own personal secure website that captions and translates whatever is being said, anywhere and anytime. It is a complete communication system. You can add notes to your transcripts, share documents, send private messages, and even simultaneously translate your conversations into multiple languages.”**

## UDL Online Tool: Streamer Cont.

- Personal captioning and translation website – admin account “room” with multiple user accounts aligned to it
- Private and Secure
- \$9.97 / month or \$99 a year (will work with larger school districts for pricing)
- Captioning, Live Translation, Note Taking, Speech Generating, Document and Photo Sharing, and more!
- Need Internet connection and web browser – use on multiple platforms.
- Up to 100 languages available

## UDL Online Tool: [Live Translation in Streamer](#)

- Complete Multi-lingual Multi-directional Support of Conversations– Translate conversations from one language into dozens of others. This goes way beyond just simple bi-lingual translation to support complete “United Nations” situations. Anything anyone says in any language is simultaneously translated and spoken aloud to each participant in their native language using a voice tailored to match that of the original speaker.
- Complete Voice-to-Voice Translation – Anything said, typed or written is captioned and, if desired, spoken aloud in each person’s preferred language.

## UDL Online Tool: [Live Translation in Streamer](#), Cont.

- Personalized Voices— Your preferred voice is used in all languages. Select a personal voice in English, and that same voice is used when your speech is being translated and spoken aloud in other languages. This makes it much easier for participants in multi-lingual conversations to recognize the voice of who is speaking.
- Language Identification— Each User Account displays that person's preferred language, so you know which participant is speaking which given language.
- Saved User Accounts— With Streamer™ you do not have to reset your language(s) each time you use the system.

# Online UDL Resource:

Common Sense Education: [How to Use Technology to Support ELLs in Your Classroom](#)

- ELL support Within tools
- ELL- Specific Tools
- Integrating Everyday Tools into Daily Routines
- Creativity and Multimedia Resources
- AI Based Learning Tools
- Collaboration Tools
- Online Language Tools
- Connecting with Home

Online UDL resource: [Magical AI Tools to Empower MLS](#)



## UDL AT Tool: [World Scanner Go](#)

1. intuitive navigation, a color touchscreen, and Bluetooth functionality
2. read aloud and translate text
3. speak into the reading pen to get instant text translation into the language of your choice
4. [Video demo](#)



# Audience Participation Time

## Questions or Comments?

- Which UDL tools or online resources do you currently use?
- What do you like about them?
- Are there tools you use that we didn't talk about?
- Any specific questions about the tools we did talk about?

## WRAPPING it up...

- **Access to resources and tools for ML Students continues to increase and advance!**
- **Affirming our students' cultural and linguistic background is important!**
- “For bilingual users, it makes a big difference to have access to an AAC system which is useful throughout the day. Access to languages and voices that they identify with increases the chance that they will remain engaged and become successful communicators. ([Assistiveware Bilingual AAC Blog](#))
- Bilingual AAC users have the right to be successful in all environments and with all communication partners, including with their family IN THEIR HOME language. In order for our students to be successful with their communication systems, they must be able to communicate in a variety of environments.” ([Bilingual Speechie](#))



**Thank you!**

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