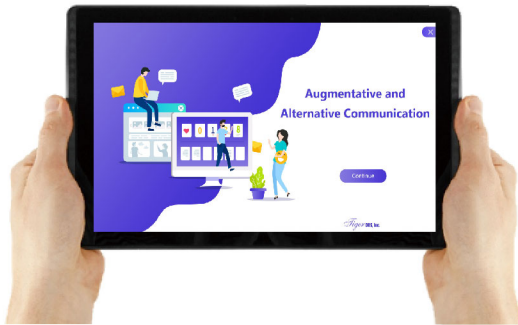


Augmentative and Alternative Communication



Empower Communication and Expression.

The AAC Device provides evidence-based tools for individuals with communication needs. Featuring intuitive, symbol-based interfaces, it supports independent expression and facilitates communication across clinical and everyday settings.

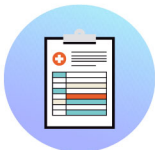
Available as both software and tablet-based devices.



Target Clients

Acquired Communication Disorders

- ☒ Aphasia
- ☒ Alzheimer's Disease
- ☒ Motor Neuron Disease
- ☒ Parkinson's Disease
- ☒ Traumatic Brain Injury
- ☒ Tracheostomy



Target Clients

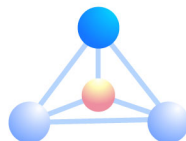
Congenital Communication Disorders

- ☒ Cerebral Palsy
- ☒ Hearing/Vision Impairments
- ☒ Developmental Disorders
- ☒ Intellectual Disability
- ☒ Down Syndrome
- ☒ Autism Spectrum Disorder

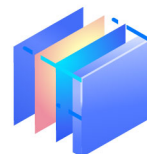
Product Features



ASHA-Aligned Core
AAC Elements



Triple-Targeted Therapy Framework



Swipe-to-Speech
Sentence Builder

ASHA-Aligned Core AAC Elements (1991)

Our AAC Device Series is built around four core pillars defined by ASHA to ensure clinical effectiveness and adaptability to individual needs:

✓ AAC Devices

Tools supporting a wide range of communication needs.

✓ Access Methods

Direct selection or alternative inputs (e.g., switches, eye-tracking) tailored to physical abilities.

✓ Implementation Strategies

Clinician-guided protocols for system use and skill generalization.

✓ Symbol Systems

Customizable symbols from concrete to abstract, adapted to cognitive and language levels.

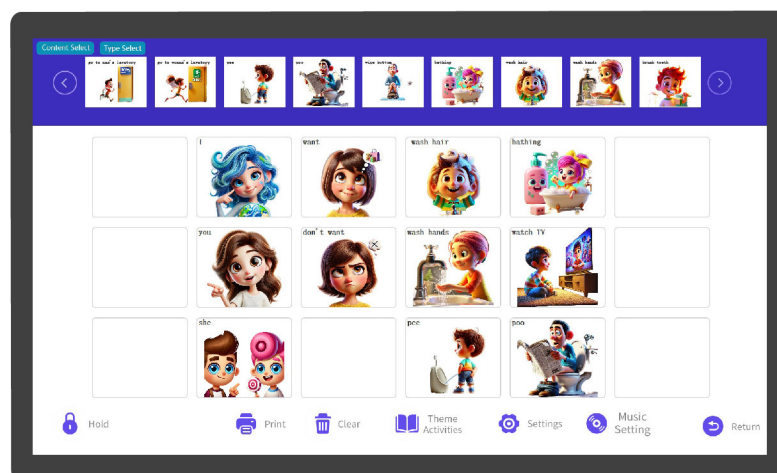
Triple-Targeted Therapy Framework

The Language, Cognitive, and Speech Protocols: Includes 89 clinically designed templates and real-life application scenarios to support therapy and functional communication.

1. Language Training Protocol

The AAC language training protocol builds communication skills through tiered vocabulary, phrases, sentences, and functional dialogues, supported by preloaded linguistic resources.

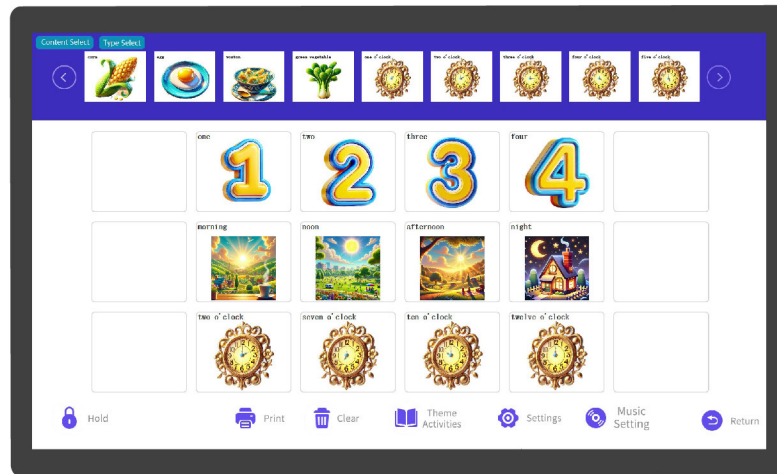
- **Vocabulary:** 384 high-frequency core words across 21 daily living categories.
- **Phrases:** 5 key phrase patterns for social interaction.
- **Sentences:** 14 foundational sentence structures.
- **Dialogues:** Context-rich scenarios using everyday activity symbols for practical communication.



Everyday activity symbols are integrated throughout to support functional language use in real-world contexts.

2. Cognition Training Protocol

Targeting six core domains: colors, shapes, spatial concepts, numbers, time, and quantity concepts to build early cognitive skills for communication development.



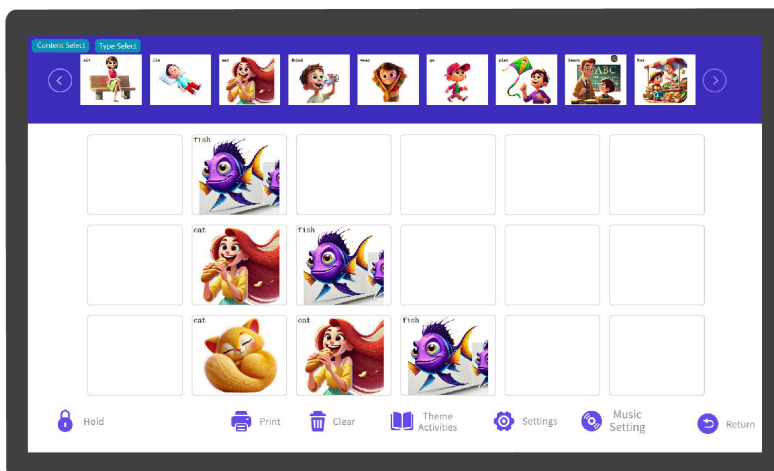
Cognitive Training includes a time-focused curriculum designed to strengthen temporal cognition.

3. Speech Therapy Protocol

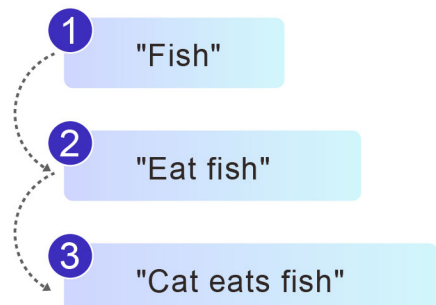
Targets respiratory control, phonation, resonance, and articulation to improve speech intelligibility and fluency.

Speech Breathing Training - Progressive Utterance Elongation

Hierarchical exercises progressing from single words to contextual phrases to help develop better breath control.

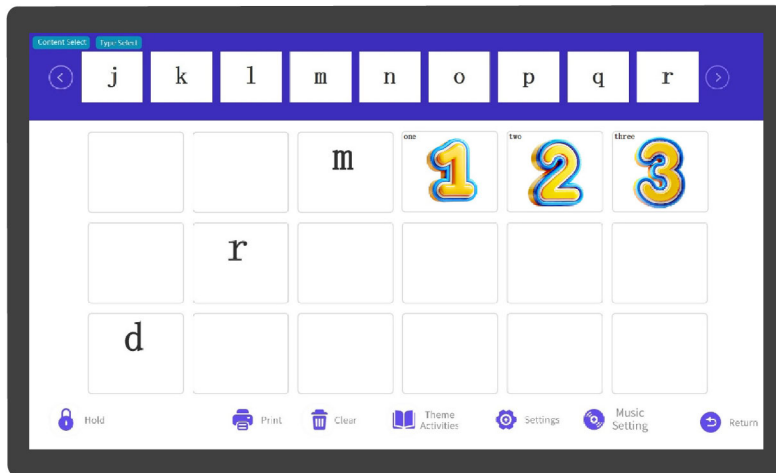


Example:

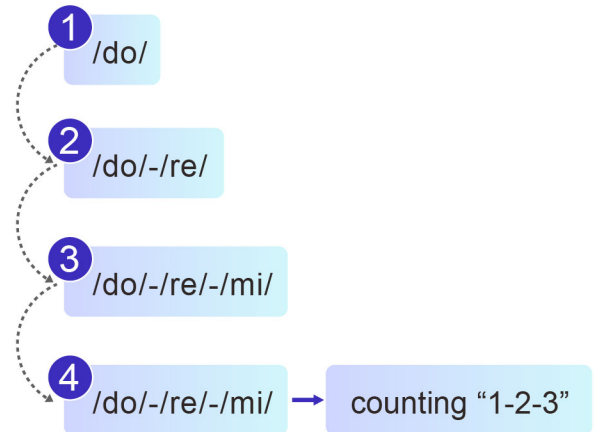


Phonation Training - Progressive Pitch Modulation

Guides pitch variation with do-re-mi scales and sustains pitch through 1-2-3 counting exercises.

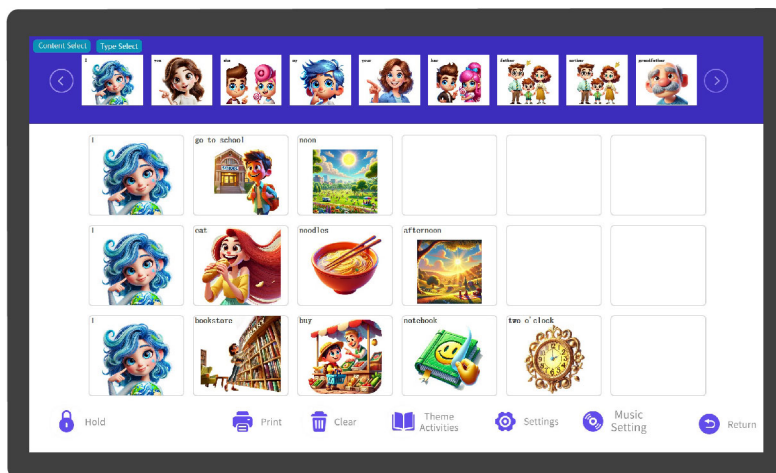


Example:

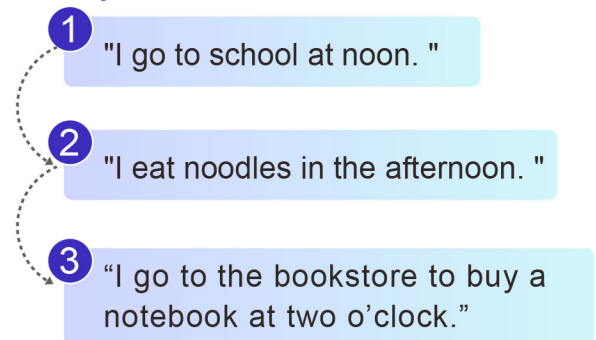


Resonance Training - Vowel-Resonance Builder

Back vowel /u/ training for oral-nasal balance optimization.

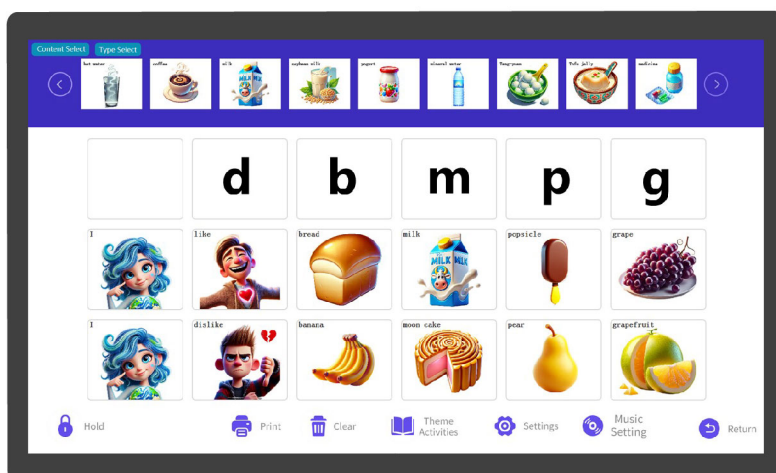


Example:

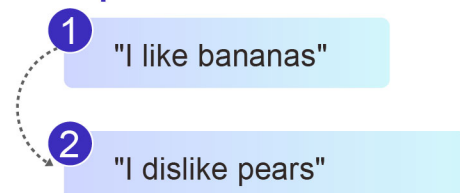


Articulation Training - Articulation Accelerator

Consonant drills (b/m/p/d/g) for phonological precision.



Example:



Swipe to Speak Technology

The tablet version of the AAC system features a unique tactile interface that allows users to sequence symbols by swiping across training panels, with real-time speech output that follows the path of their gestures.



✓ Motor-Language Integration

Integrates fine motor development with sentence construction using dynamic gesture patterns.

✓ Real-World Application

Promotes carryover of language, speech, and cognitive gains into real-life communication.

✓ Positive Learning Design

Reinforces correct sentence building through engaging visual and auditory cues, without negative feedback.

Language Training via Swipe-to-Speech

✓ 1. Sentence Construction Protocol

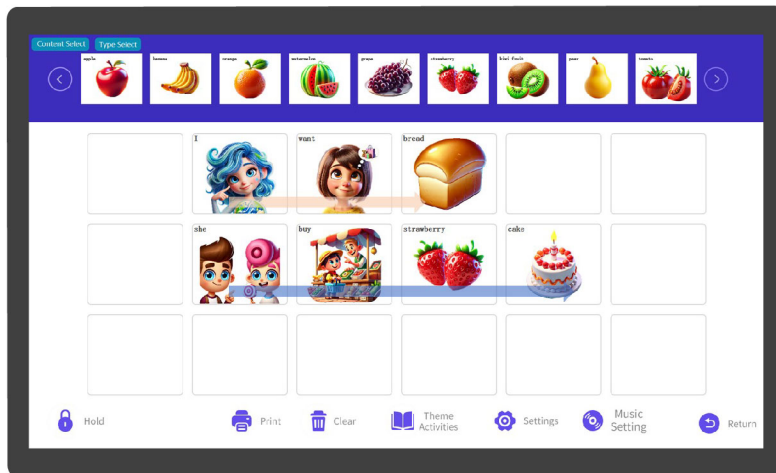
Sentence formulation training using symbol-to-syntax mapping.

✓ 2. Syntax Scaffolding Technology

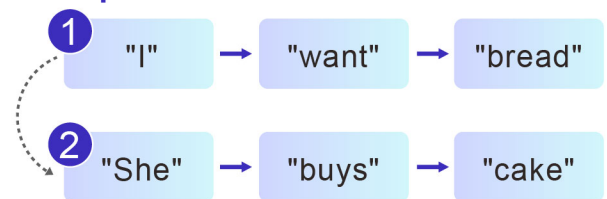
Progressive sentence building from simple to complex structures.

✓ 3. Real-Time Speech Support

Real-time feedback to support clear and coherent speech.



Example:



Speech Training via Swipe to Speak

✓ 1. Dynamic Articulation Control

Phonetic sequencing with real-time articulatory biofeedback.

✓ 2. Adaptive Syntax Integration

Adaptive syntax training increases complexity over time and strengthens learning outcomes.

