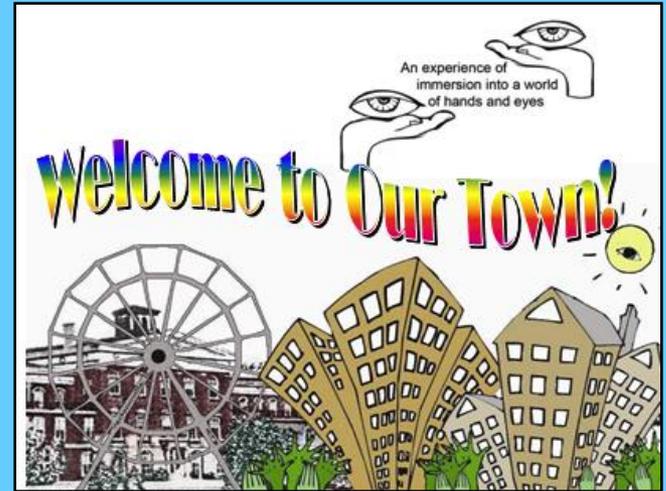


Creating an Accessible Environment at Home



Nancy Kelly-Jones
Illinois School for the Deaf

EHDI Conference February 2011
Atlanta, GA

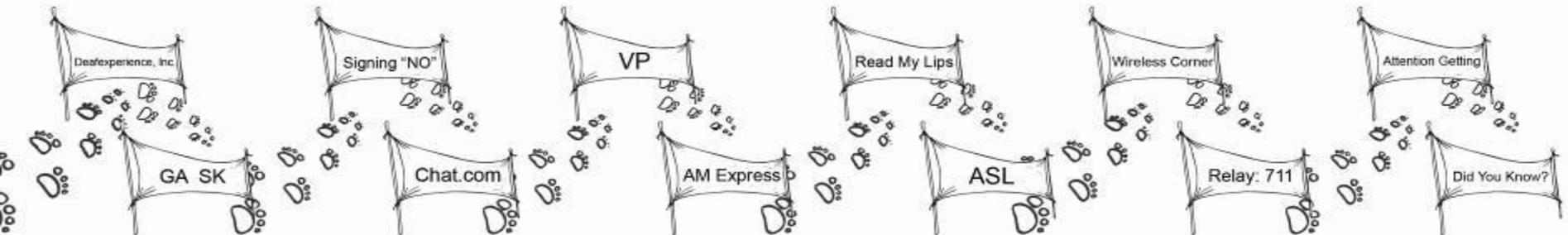
Preface

This presentation is a simulation of a two-hour immersion into the Deaf community and is experienced annually by parents who attend a week-long Institute for Parents of Preschool Children who are Deaf or Hard of Hearing at the Illinois School for the Deaf (ISD). The Institute is in its 67th year of existence and the “Our Town” experience was initiated in 1996. Parents rotate among booths of activities hosted by ISD teenage students. This activity receives rave reviews from parents, which prompted us to share it with you. Other groups have already used this idea to create their own immersion experiences for various audiences, and we invite you to “copy” it as well and use it in your community.

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Main Message

- To create a visually-friendly environment at home
- To allow equal access to all in the home
- To “fast forward” 15 years later to “see” your child functioning independently at home and in the community

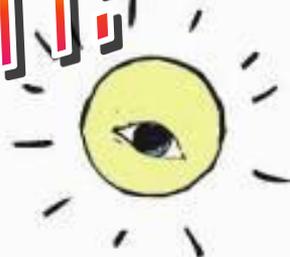




An experience of
immersion into a world
of hands and eyes

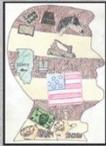


Welcome to Our Town!



A quick “tour” of Our Town

- **VP and VRS**
- **Pagers**
- **AM Express**
- **GA SK: TTYs**
- **711 Relay Center**
- **Creating an accessible home**
- **Deafexperience, Inc.**
- **Read My Lips**
- **Signing “No”**
- **Attention getting**
- **ASL: Multiple Meanings**
- **NMS (non-manual signals – facial expressions)**
- **“Hey, did you know?!”**
- **Chat.com**



Art work by Deaf artists



Deaf literature

Creating an accessible home

- 
Videophone
- 
Baby Signaler
- 
Phone Flasher Signaler
- 
Plug Adapter for flasher
- 
TTY
- 
Burglar Alarm
- 
Doorbell Flasher
- 
Bed Vibrator
- 
Alarm Clock
- 
Closed Caption Television

Deaf websites / periodicals

An Accessible Home: Technology!



iPhone, iPad and iPod touch Apps for (Special) Education



App list: app icon, title with link, and description provided

Authored by: Eric Saliers
Updated: 4/10/2010



Icon	App Title	App Description
	Speech Toaster Sign	Two animated children, Sadie and Sammy, animate 30 signs each, with accompanying explanations.
	Translate Plus	Translate words and whole sentences in 52 languages, and use text-to-speech with 43 voices in 16 languages.
	Jolly Holiday	Learn prepositions while decorating the tree, then learn the signs to Rudolph the Red Nose Reindeer.
	Learn to Talk	Over 100 interactive flashcards to learn nouns, verbs, early syntax, and word combinations.
	LobbyLife	Audio output for expressing phrases ("Hello!", "Hello! I'm happy!", assistance ("Call the doctor!"), & restaurants.
	LookLearn AAC	AAC system with photos and pre-recorded voices to express wants and needs.
	Mobile Articulation	Over 800 words (organized by sound) to practice articulation in flashcards with user and date features.
	Model Me Going Places	With 6 locations (e.g., playground), each has photos (with narrations) of children modeling the behavior.
	MyTalk	AAC software with photos and voice recording feature that can be used with a web authoring service.
	Pocket Sign Articulation	With 400 images, practice phonemes in various positions of words or sentences, and essential data.

Saliers, 2009-2010

Dragon Dictation



16 Jan, call me when you get the email on evening 4:16 of Jan.



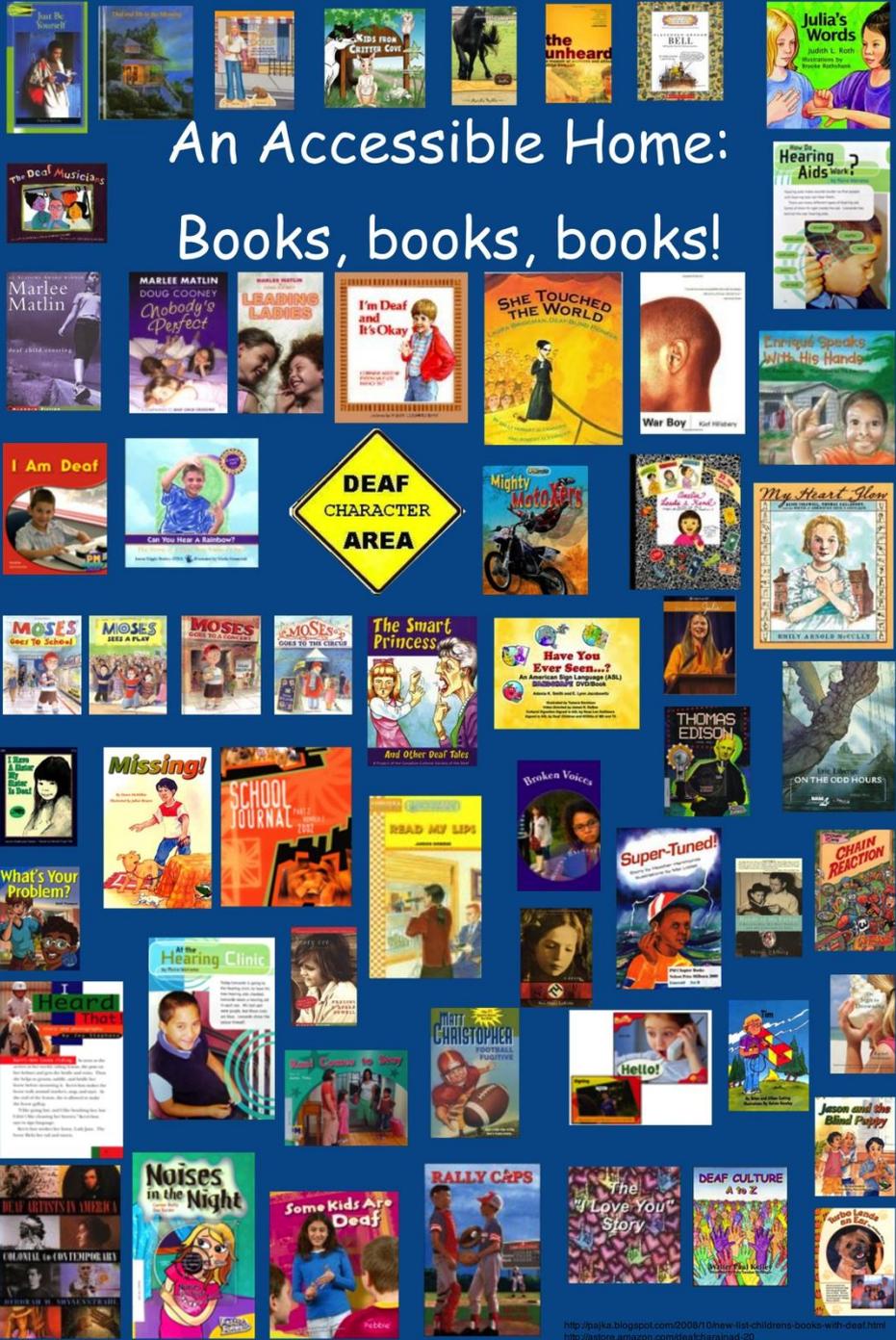
Icon	App Title	App Description
	ABA Flash Cards	In this set of 62 images, learn actions via text, photo, and real audio.
	ArtiPix ArticPix - Full	In freefall versions, ArtiPix has flashcard and matching activities with 840 possible cards for articulation practice.
	DAF Assistant	Delayed auditory feedback and frequency shifting to help improve listening.
	Expressioist	Cartoon drawings with 120 commonly used expressions in 7 categories and 10000 nouns.
	Communicate	Pre-loaded pictures and storyboards/routines (e.g., schedule) facilitate language comprehension.
	Converse	AAC tool to express 6 different icons representing basic needs: food, drink, sick, bathroom, help, break.
	In My Dreams	Learn reading, matching, and sign language skills via animations paired with text and recorded audio.
	iPrompts	Visual prompting tool containing original artwork for schedules, a timer, choice prompts, and a library.
	iSpeak Spanish	Uses high quality text-to-speech to translate English to Spanish and Spanish to English.
	iSpeech	List of sounds for developmental ages 3 to 7+, and explanations for forming and teaching the sounds.

Icon	App Title	App Description
	Phonics360	Full AAC solution with over 7000 symbols, natural sounding voices, automatic conjugation, and more.
	Sentence Builder	With 100 pictures, it helps elementary aged children to build grammatically correct sentences.
	Sign 4 Me	With more than 11,000 words in the library, you can learn signed English from a 3D avatar.
	Sign Smith ASL	With more than 1,200 signs, you can learn American Sign Language from a 3D avatar.
	Speak It!	Copy or type text for text-to-speech using natural sounding voices.
	StepByStep	Visual schedules for 8 sequential activities can be checked for completion, and more activities can be added.
	TextSpeak Button	Record audio for an unlimited duration, then communicate single messages by tapping a big (two) circle.
	Visuals	Uses drawings and photos to communicate schedules and actions.
	Voice4U	With over 130 icons and recorded audio, express feelings, thoughts, actions, and needs.
	WhQuestions	With built-in data tracking, there are over 200 "wh" questions for who, what, where, why, how.

Saliers, 2009-2010



An Accessible Home: Books, books, books!



VP in action: Direct communication between two people with VP units and monitors



(Deaf)

VP = videophone



(Deaf)

VRS in action



**Deaf
Person**

**VI (video
interpreter -
hearing)**



**Hearing
Person**

VRS = Video Relay Service



Wireless Corner: Pagers!



Sidekick



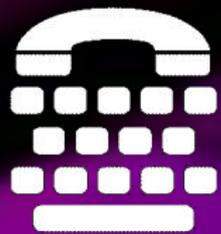
Blackberry



I Phone

AM Express





GA SK: TTYs



TTY = teletypewriter

Dial 711

AT&T Relay Services

How To Make a TTY Relay Call

- AT&T Relay Services Home
- Which AT&T Relay Service is Right for Me?
- :: **How To Make a TTY Relay Call**
 - Relay Choice Profile
 - Standard TTY Relay Service
 - Voice Carry Over TTY Relay Service
 - Hearing Carry Over TTY Relay Service



The diagram illustrates the TTY Relay Call process. On the left, a **TTY Relay User** is shown typing on a computer keyboard. On the right, a **Telephone User** is shown talking on a telephone. In the center, a **Communications Assistant** is shown wearing a headset and typing on a computer keyboard. Arrows indicate the flow of communication: a curved arrow labeled **COMMUNICATE** connects the TTY Relay User and the Telephone User; a straight arrow labeled **TYPE** points from the TTY Relay User to the Communications Assistant; and a straight arrow labeled **TALK** points from the Communications Assistant to the Telephone User.

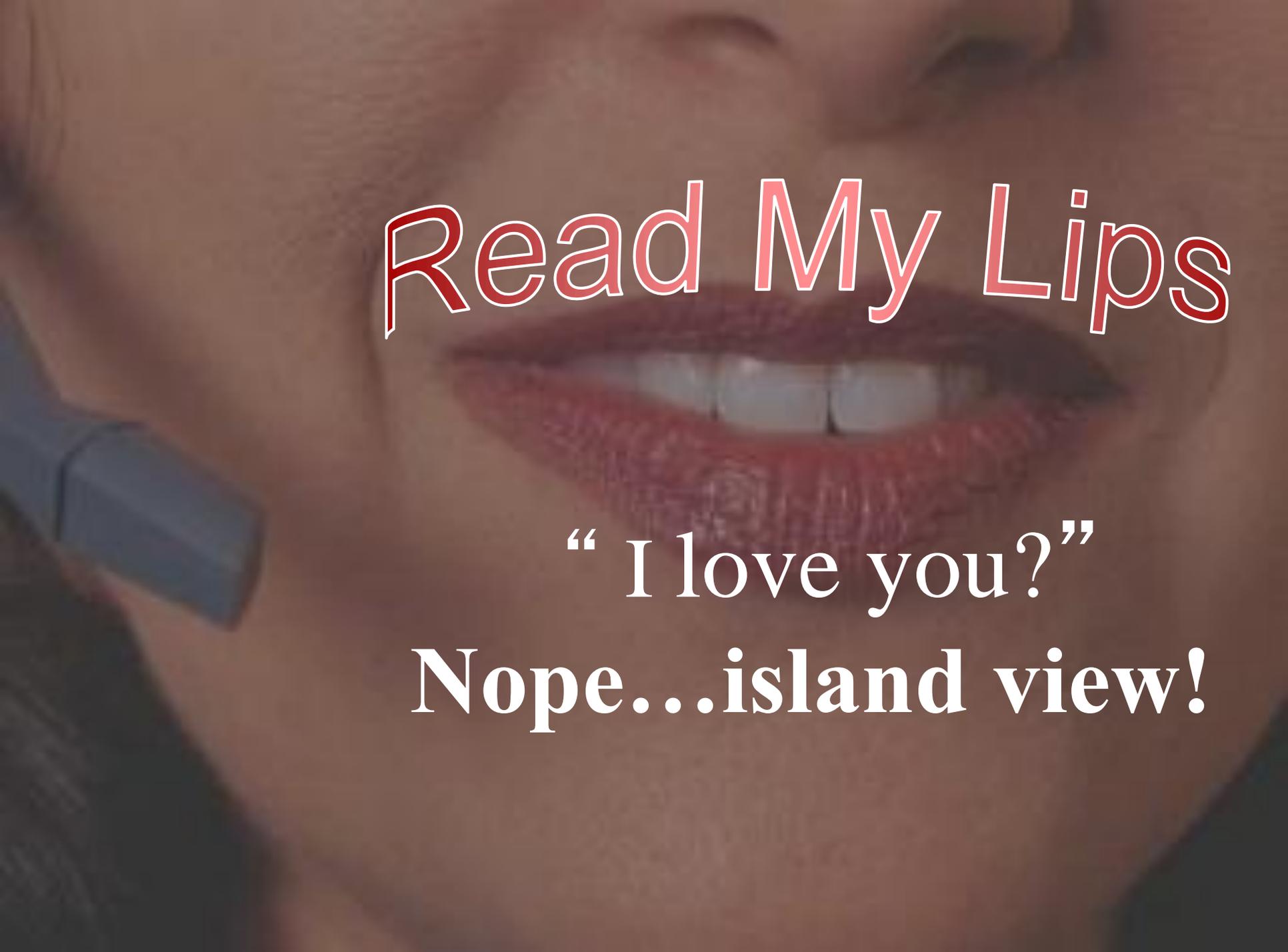
<http://www.consumer.att.com/relay/tty>

DeafExperience, Inc.

Hungry? Grab a bite here!

(Please pardon our dust—we're going through a renovation and the menus have yet to be printed up! BUT we'll be glad to serve you!)

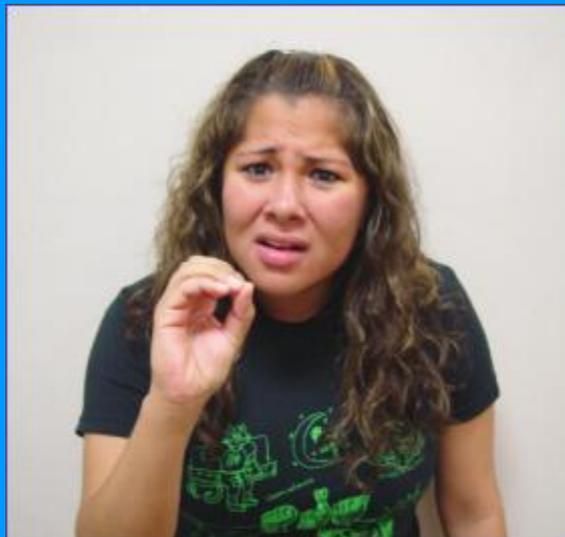
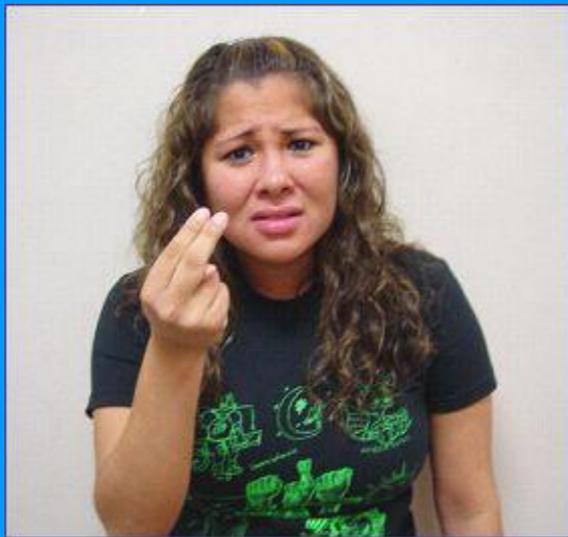


A close-up photograph of a woman's face, focusing on her mouth and eyes. She is wearing a blue headset microphone. Her lips are slightly parted, and she has a neutral expression. The background is blurred.

Read My Lips

“ I love you?”

Nope...island view!



How to sign “No”

Degrees of negation



Hey! LOOK at Me!

Appropriate Ways to Get Attention.



Multiple Meanings

Fairview

❖ Run

- ✓ We will have to run to catch the plane.
- ✓ Does the pepper make your nose run?
- ✓ Don't let the water run.
- ✓ The river will run into the ocean.
- ✓ I have a run in my hose.
- ✓ She will run for class president.
- ✓ How long will the school play run?
- ✓ He will run his father's business.
- ✓ We run everyday.



Multiple Meanings

❖ Made

- ✓ I made my bed.
- ✓ I made money.
- ✓ My brother made me do that.
- ✓ The rain made the grass green.
- ✓ I made a present for you.



A program that enables deaf/hh students to read and sign more accurately



Non-Manual Signs

NMS



Hey, did you know?! An introduction to Deaf Culture 101

Deaf-Friendly Technology

- TV and Relay 711
- Papers
- Computers and Internet
- VP and VRG

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Art: DeVIA

- Deaf View Image Art
- Depicts the Deaf experience
- Represents years of oppression and misunderstanding

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Deaf Theatre

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Deaf Theatre

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ASL/Deaf Literature

- All ASL literature is on video or audio in Deaf
- ASL literature includes, but is not limited to:
 - poetry
 - novels and sagas
 - very short and longer stories
 - novels
 - novels: Open documentation
 - documentaries
 - autobiographies
 - translation of sign language
 - journalism
 - ASL songs

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Organizations

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Deaf Sports

- USADDF (United States of America Deaf Sports Federation) formerly AAAC-American Athletic Association of the Deaf
- Deaflympics (formerly World Games of the Deaf)
- Deaf individuals who excel in "hearing" sports:
 - Lucretia Taylor
 - William Hoy
 - Bob Sisk
 - Harry Winter

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<http://www.usdeafsports.org>

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Deaf Basketball

21

Deaf Golf

22

Deaf Softball

23

Host sites of recent and future Deaflympics

24

Deaf Umpires Association

25

History Of Umpiring

Did you ever wonder what caused an umpire to first signal a called strike by raising his right hand?

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William "Dummy" Hoy

- Actually an umpire did first signal base and strikes with his hand for a deaf baseball player who was one of the best major league players of his era, William "Dummy" Hoy.
- Before he suggested the signals to an umpire in 1887, Hoy had to read the lips of the umpire to know if each pitch was a strike or a ball.

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What about the huddle?!

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Publications

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Miss Deaf America

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Deaf Lawyers

32

Deaf Doctors

33

Deaf Pilots

34

Deaf Businesses

35

Deaf home-construction workers in Jacksonville

- Mike Aubry
- Joey Balford
- David Brown
- Jeff Brown
- John R. Harper
- Chris Kuhn
- Craig Kuhn
- Clyd Kuhn

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Chat.com



Welcome to our Deaf Club!

Visit all these booths!

Wireless Corner (Pagers)	DeafExperience, Inc.	Chat.com
Relay Center Dial 711	N.M.S.	Attention-getters
	GA SK	Read My Lips
AM Express – technology devices	Designing your home to be barrier-free	SuperNanny in action: no -- No – NO!
ASL: multiple meanings	Hey, did you know...?	VP (Video Phone) and VRS

