



Eyetracking – technologia asystująca



Zastosowania eyetracking-u



Okulografia – technologia asystująca



AT – Assistive Technology

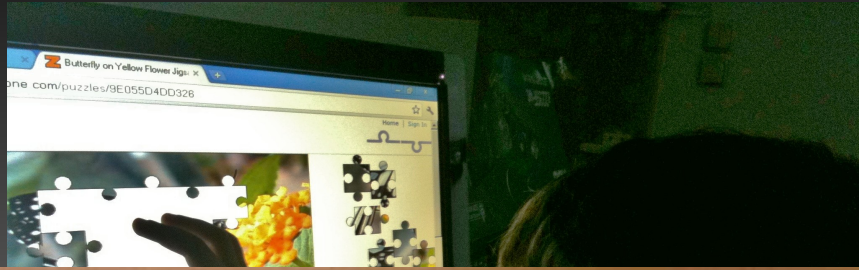


KOMPUTER Z ZESTAWEM URZĄDZEŃ

AT – Assistive Technology



AT – Assistive Technology



AT – Assistive Technology



AT – Assistive Technology



AT – Assistive Technology



AT – Assistive Technology



ADLs – Aids for Daily Living

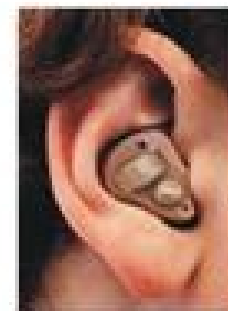
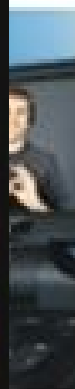


Technologia asystująca dla niesłyszących i niedosłyszących



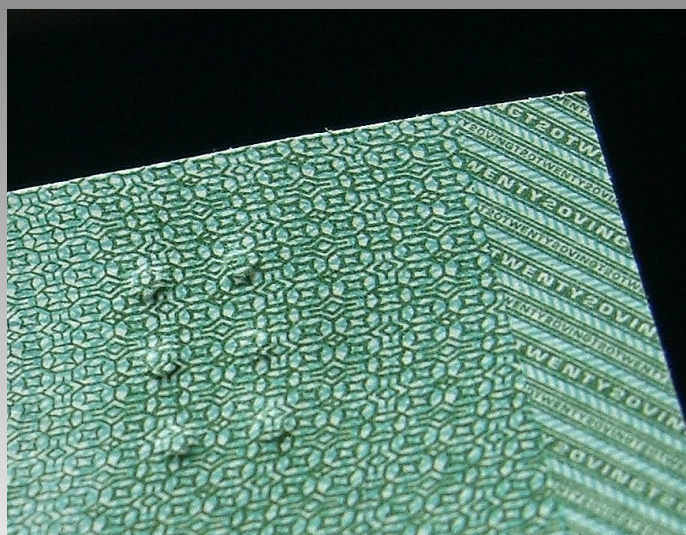
ASSISTIVE TECHNOLOGY

Technologia asystująca dla niesłyszących i niedosłyszących



ASSISTIVE TECHNOLOGY

Technologia asystująca dla niewidomych i niedowidzących

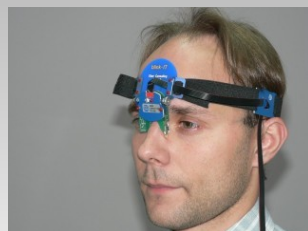
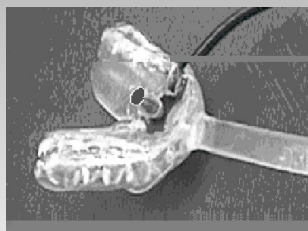
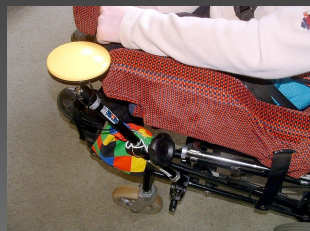
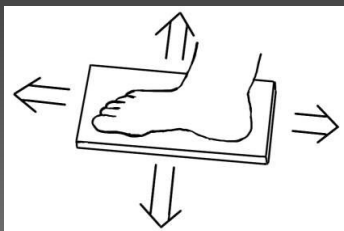


Alternatywne i wspomagające metody komunikacji (AAC)



AAC – Augmentative and Alternative Communication

Swiches (przełączniki)



AAC – Augmentative and Alternative Communication



food 	hamburger 	Pizza 	Burrito 	Spaghetti
bread 	cheese 	French fries 	hot dog 	popcorn
fruit 	banana 	ice cream 	cookie 	candy
drink 	water 	juice 	soft drink 	coffee

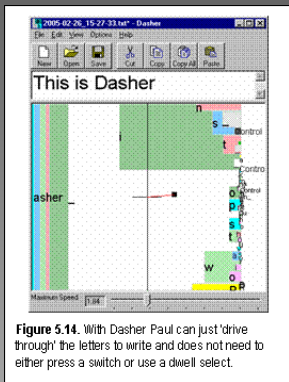
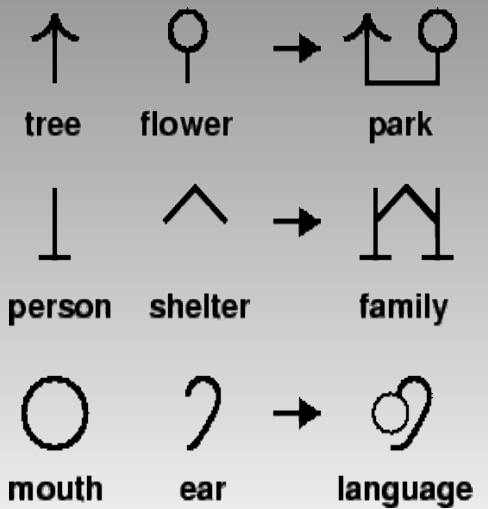


Figure 5.14. With Dasher Paul can just 'drive through' the letters to write and does not need to either press a switch or use a dwell select.



czyść	ABCDEX	FGHIJX
WYZXXX	PRSTUX	KLMNOX



AAC – Augmentative and Alternative Communication

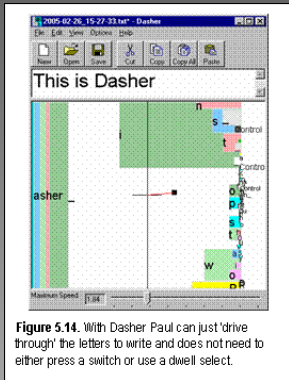
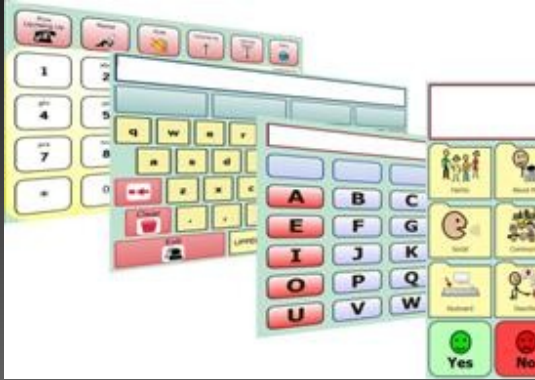


Figure 5.14. With Dasher Paul can just 'drive through' the letters to write and does not need to either press a switch or use a dwell select.



Przykłady symboli pochodzących z różnych baz

Baza Danych	Ja	Dom	Samolot	Poma- rańcza	Kot
Bliss (2500 symboli)					
PCS (3750 symboli)					
Pictogram (900 symboli)					
Beta (1100 symboli)					
Picture This (2700 symboli)					
Rebus (6000 symboli)					
Foto (1800 symboli)					
Beeldlezen (1200 symboli)					

food				
bread				
fruit				
drink				

		→	
tree	flower		park
		→	
person	shelter		family
		→	
mouth	ear		language

AAC – Augmentative and Alternative Communication

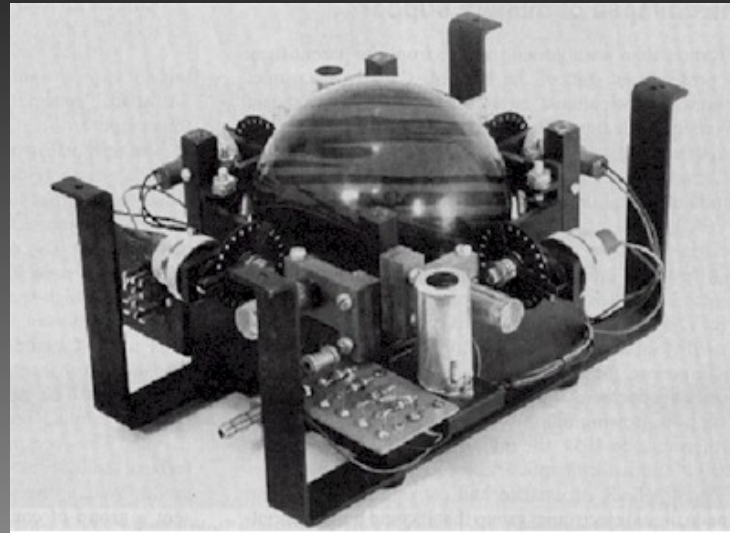


Figure 5.6. SmartNav Infrared device converting head movement into pointer control via reflective dot worn on the forehead.



Linki na wiki

Bazy danych AT :

- AbleData
- CTGap Closing The Gap Solution (ze wsparciem)

Producenci AT (dystrybutorzy) :

- Tobii
- DynaVox
- Enabling Devces
- Words +
- Invotek

AT – Assistive Technology

Dostawcy AT :

- Ablenet
- The Barkley AAC Center
- AAC Inervenion
- Gus Communication Devices Int.
- LAB Resources
- Mayer- Johnson
- Harpo

Badania i/lub wdrażanie systemów AT :

- Madonna Rehabilitation Hospital
- Dep. of Speech, Music and Hearing- Royal Institute of Technology

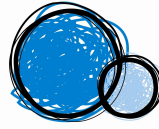
Organizację próbującą uporządkować wiedzę o AT :

- RESNA Rehabilitation Engineering and Assistive Technology Society of North America
- USSAAC Unites States Society for Augmentative and Alternative Communication

Uniwersytety :

- Uniwersytet w Wisconsin- Madison. Trace center.
- University of Nebraska-Lincoln. Department of Special Education and Communication Disorders.
- Uniwersytet w Pensylwański. Wydział nauki komunikacji (Communication Scieneeces) i zaburzeń.
- Uniwersytet Duke w Północnej Karolinie. Zakład patologii mowy i audiologii.
- Uniwersytet Kalifornijski. UCLA Disabilities and Computing Program.
- Uniwersytet Temple w Philadelphi. Intytut niepełnosprawnych.

AT – Assistive Technology



Free Wheelchair Mission
TRANSFORMING LIVES THROUGH THE GIFT OF MOBILITY

