Interactive White Boards

and

Assistive Technology for Early Learners

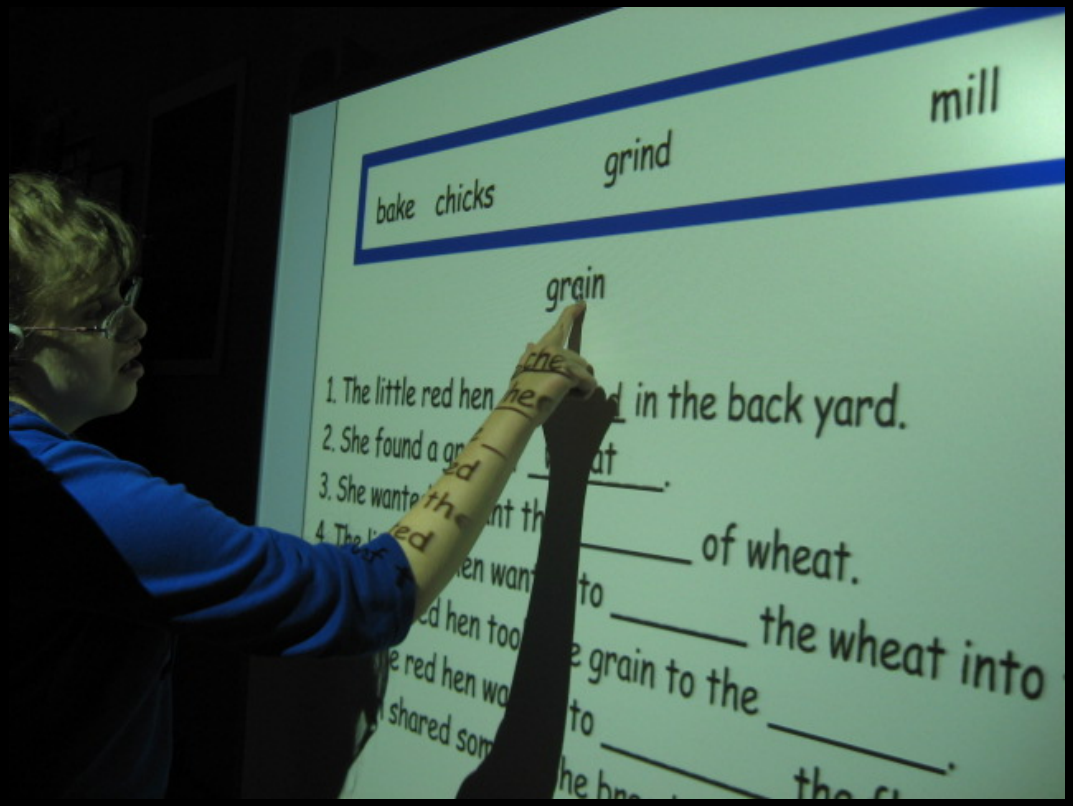
Interactive Whiteboards

- Presentation System
  - Whiteboard
  - Computer
  - Projector
  - Tools

Interactive Whiteboards

- Software
  - Brand-Specific Tools
  - Standard “Off-the-Shelf”
  - Web Sites

SMART Board: Notebook



Activities for:

- Cause & Effect
- Targeting
- Early Literacy
- Early Numeracy

Inclusive TLC: Help Kidz Learn

Commercially Available Programs

Snippets & Samples

http://www.helpkidzlearn.com/index.html

UK Resource:

- Single switch activities for cause & effect
- Increased complexity

http://www.northerngrid.org/ngflwebsite/sen/Menu-L.htm

Priory Woods

Priory Woods School (UK)

Resources:

- Cause & Effect, all ages
- Interactive stories

http://priorywoods.middlesbrough.sch.uk/resources/restop.htm

Starfall

Early literacy activities

http://www.starfall.com/

Tarheel Reader

User Contributed Activities

- Literacy, all levels

http://tarheelreader.org/

BBC (UK)

Curriculum, Various Areas & Levels

http://www.bbc.co.uk/schools

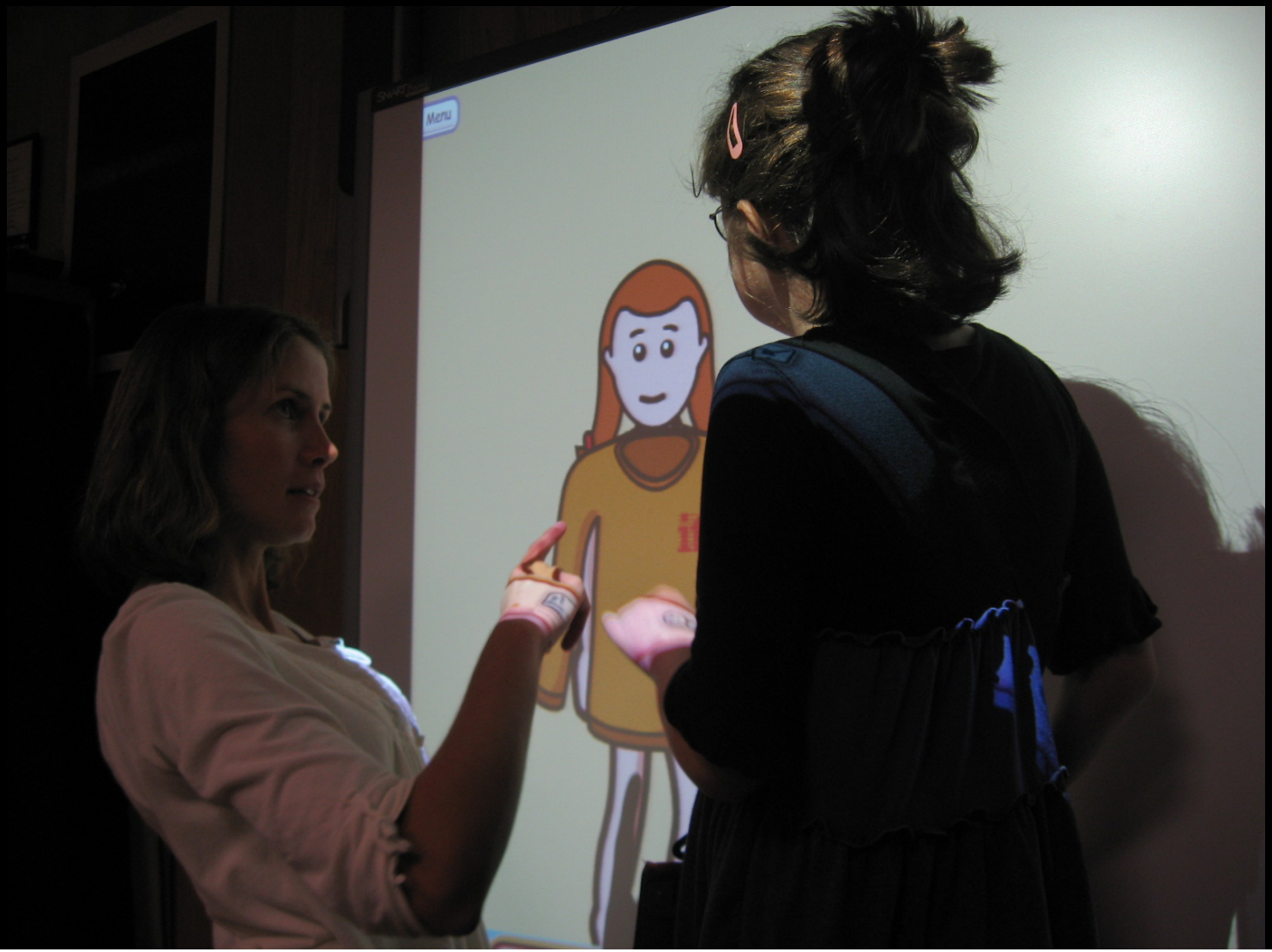
http://www.bbc.co.uk/schools/ks2bitesize/science/

National Library of Virtual Manipulatives

Numeracy Activities, All Levels

http://nlvm.usu.edu/en/nav/vlibrary.html

Commercially Available Software



My Board

Multimedia Authoring Tool

- Clicker 5
  - Multimedia Authoring Tool
  - Writing Activities
  - Talking Storybooks
- Clicker Paint
  - Integrates with Clicker 5 or Stand-Alone

IntelliTools Classroom Suite

- Multimedia Authoring Tool
- Reading & Writing
- Math
- Curriculum Support

Cause & Effect: Inclusive TLC

- SwitchIt! Series
- Big Bang Patterns
- Big Bang Pictures
- Big Bang
- Switch Skills for Two (set 1 & set 2)

Alternative Access Devices: Keyboard

For Children with Visual and Multiple Disabilities

Alternative Access Devices: Keyboard

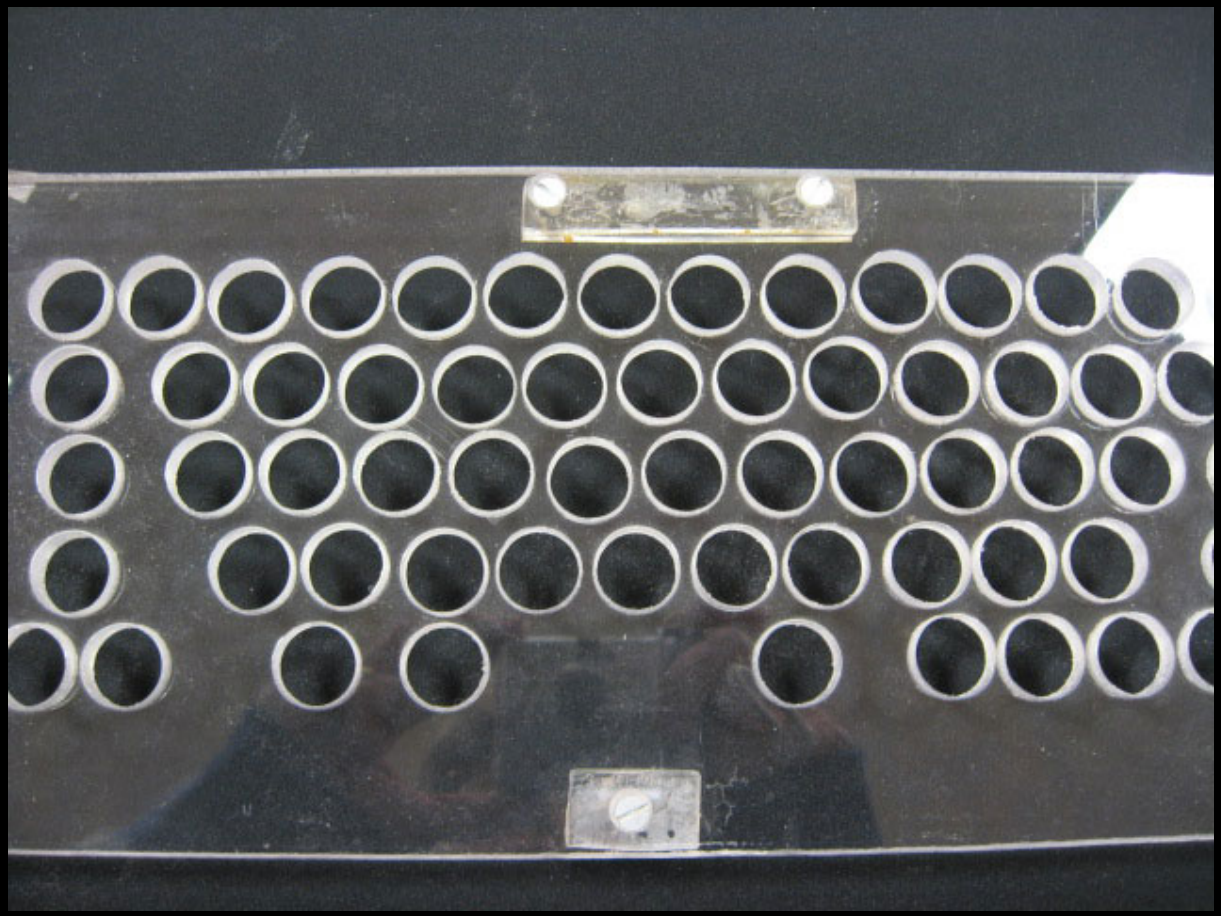
Keyboard stickers

Moisture guard

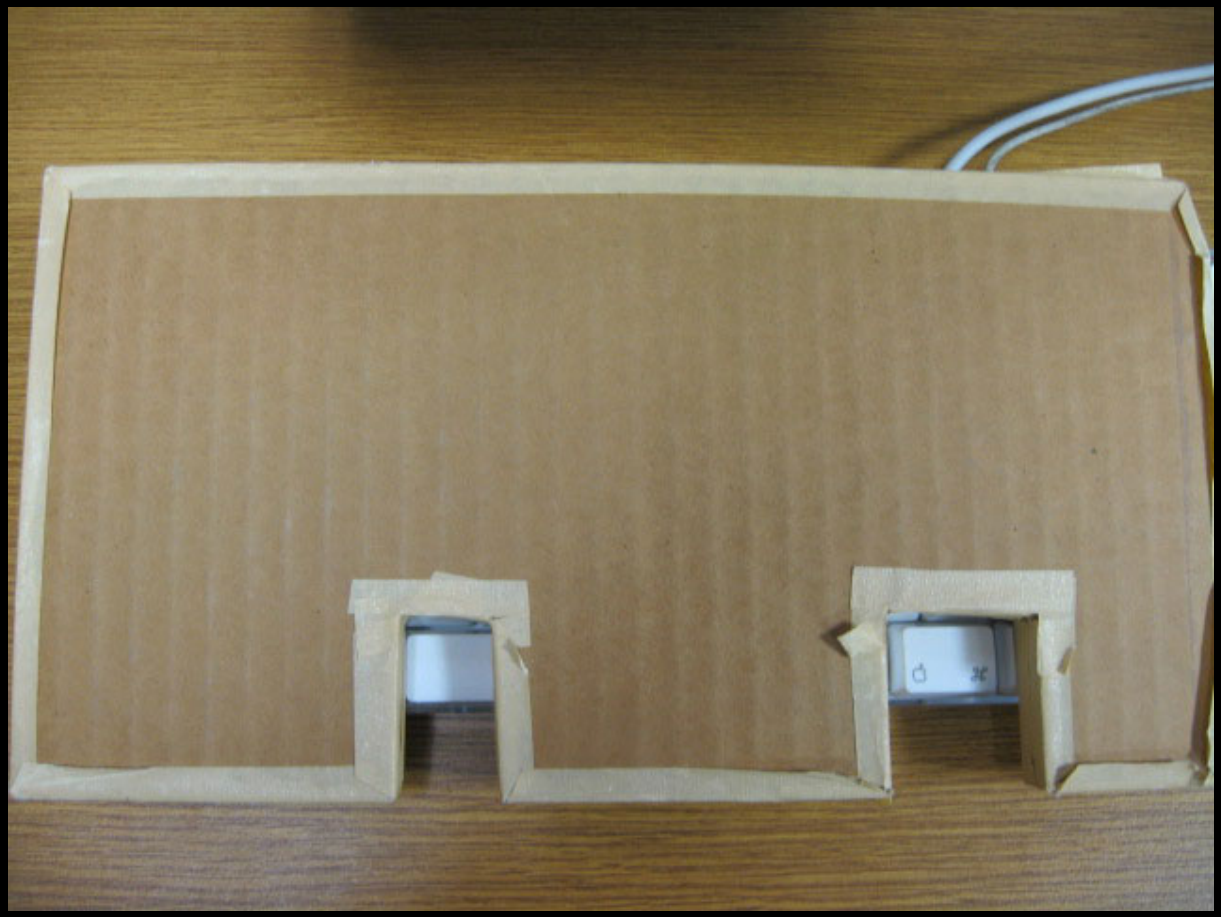
Slant board

Slant board

Keyguard

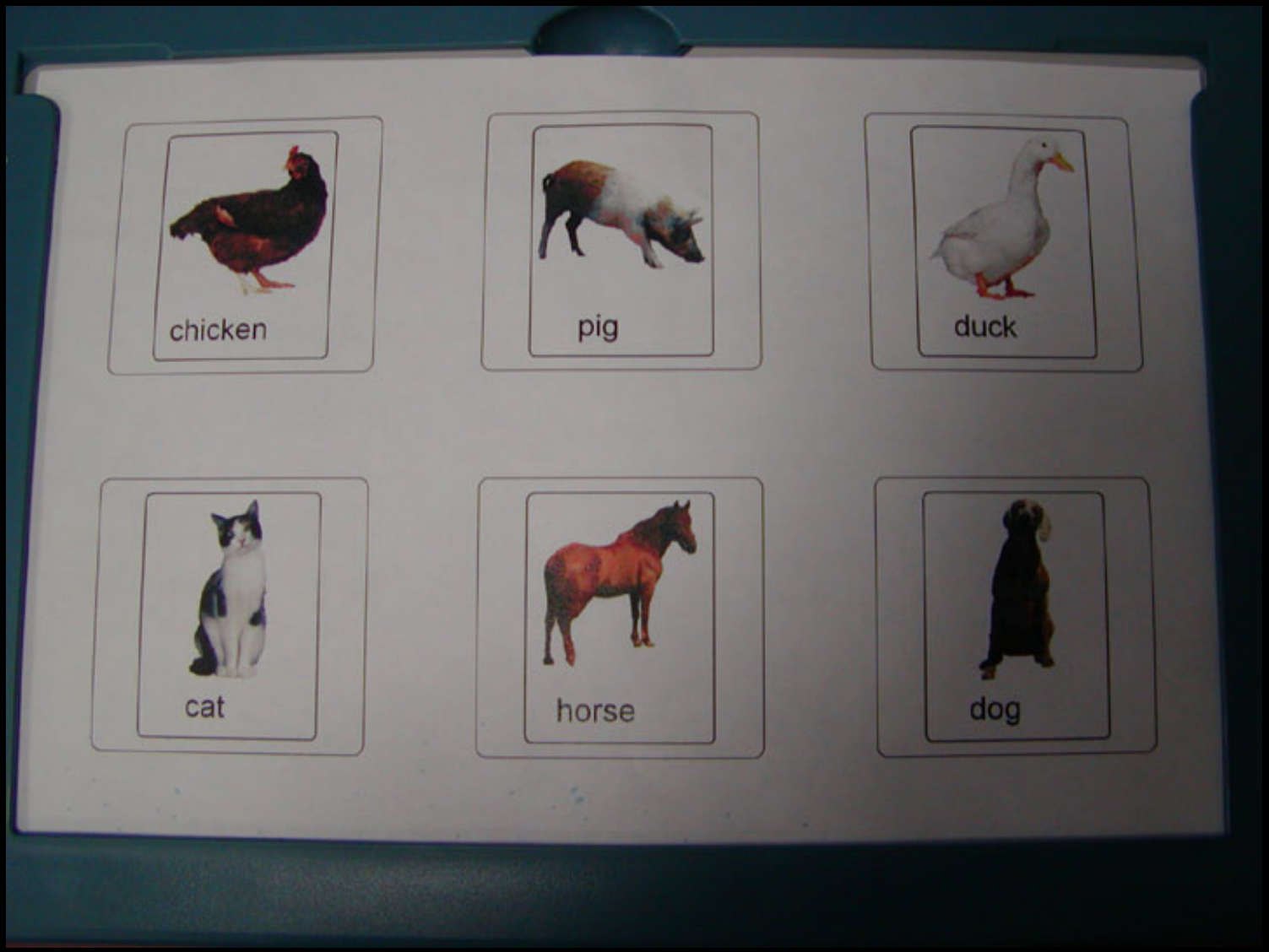


Simple keyguard

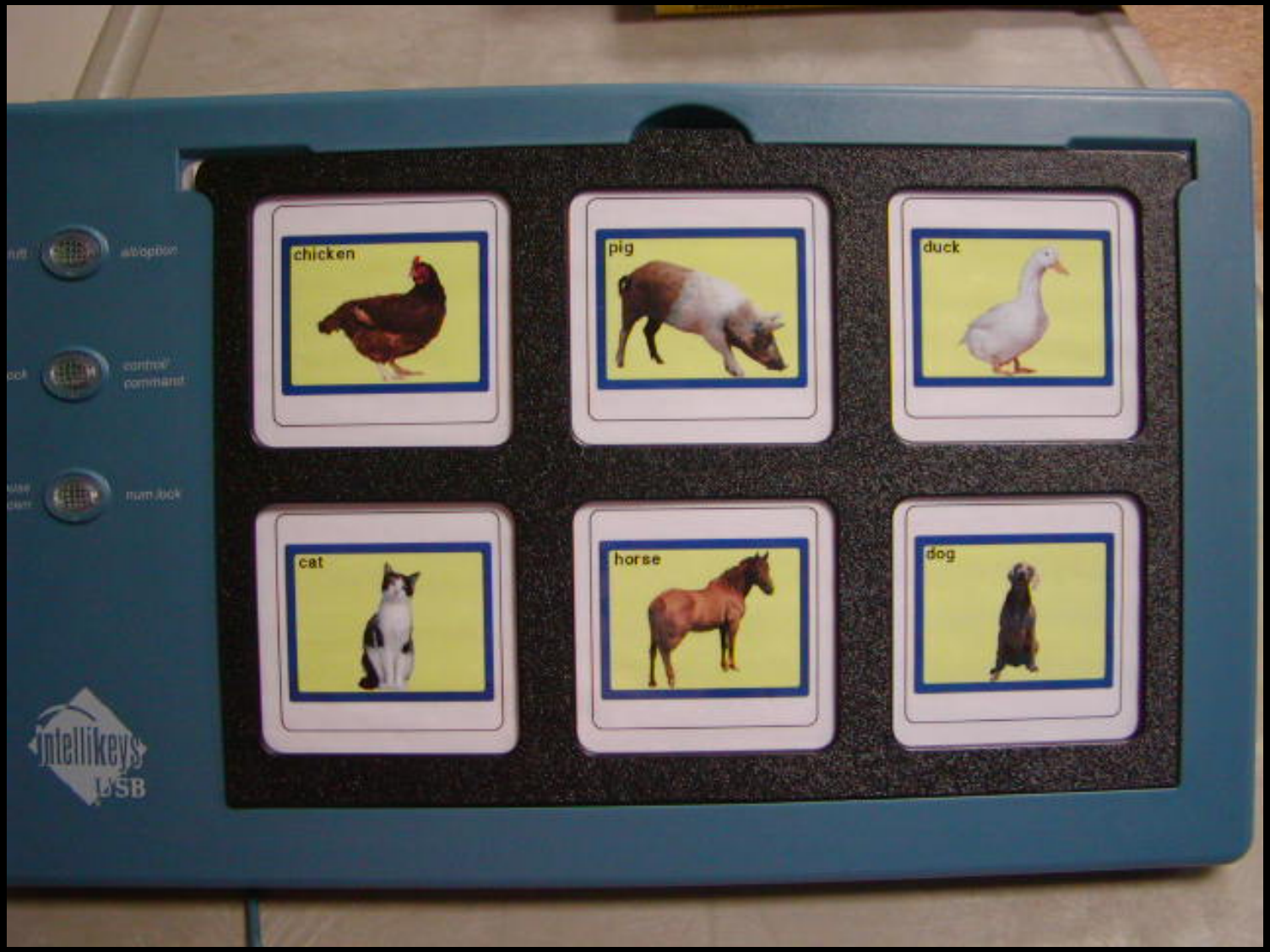


IntelliKeys

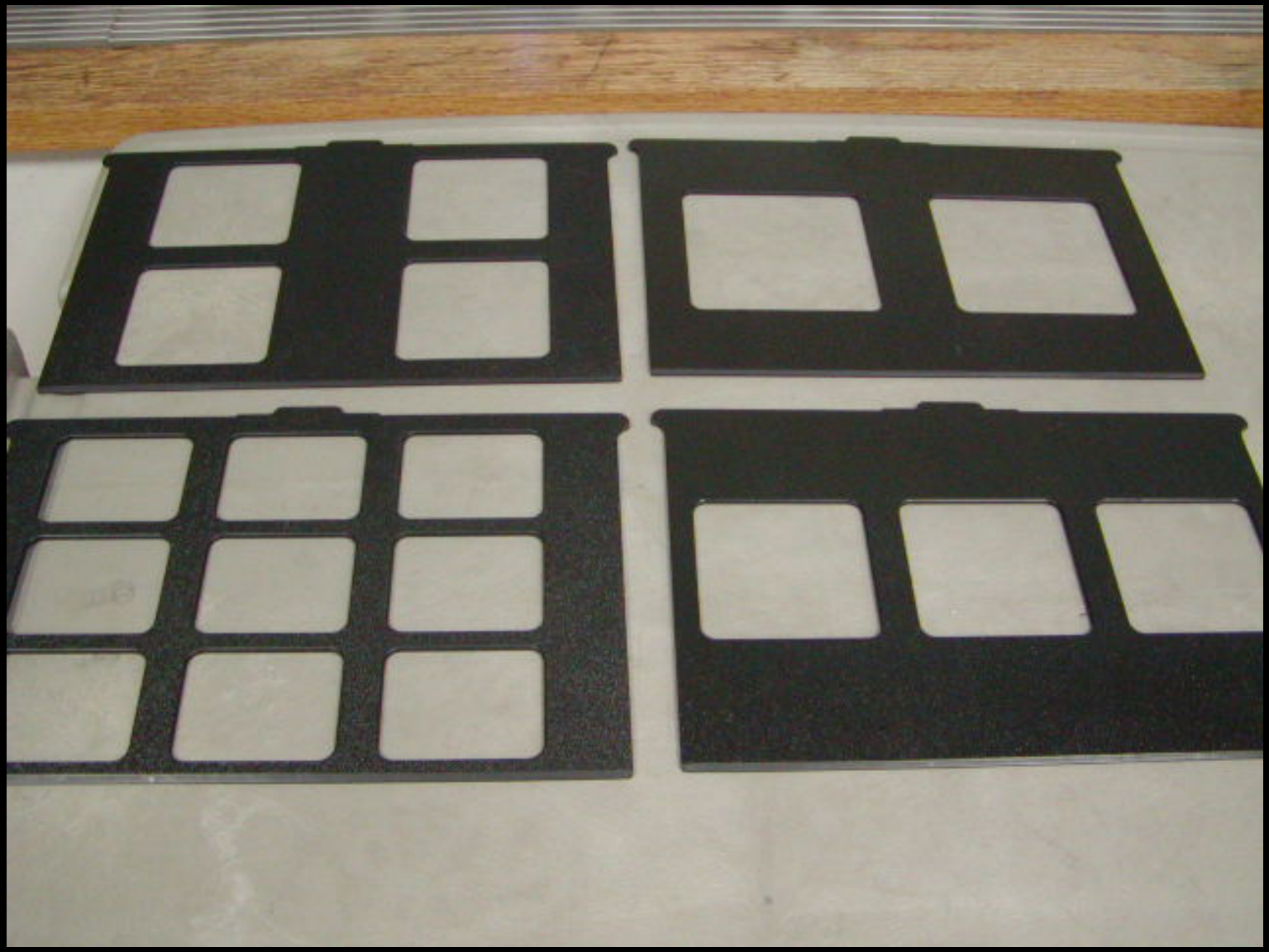
Overlays



Keyguard



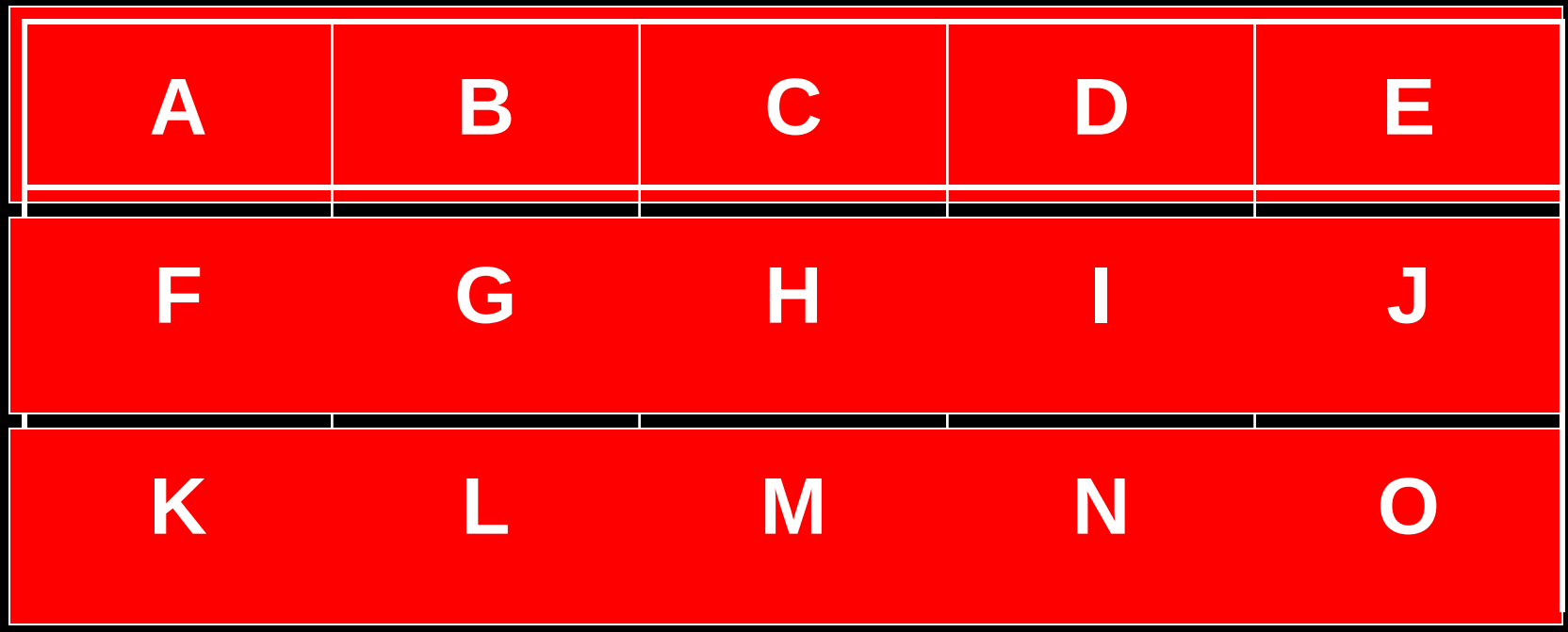
Keyguards



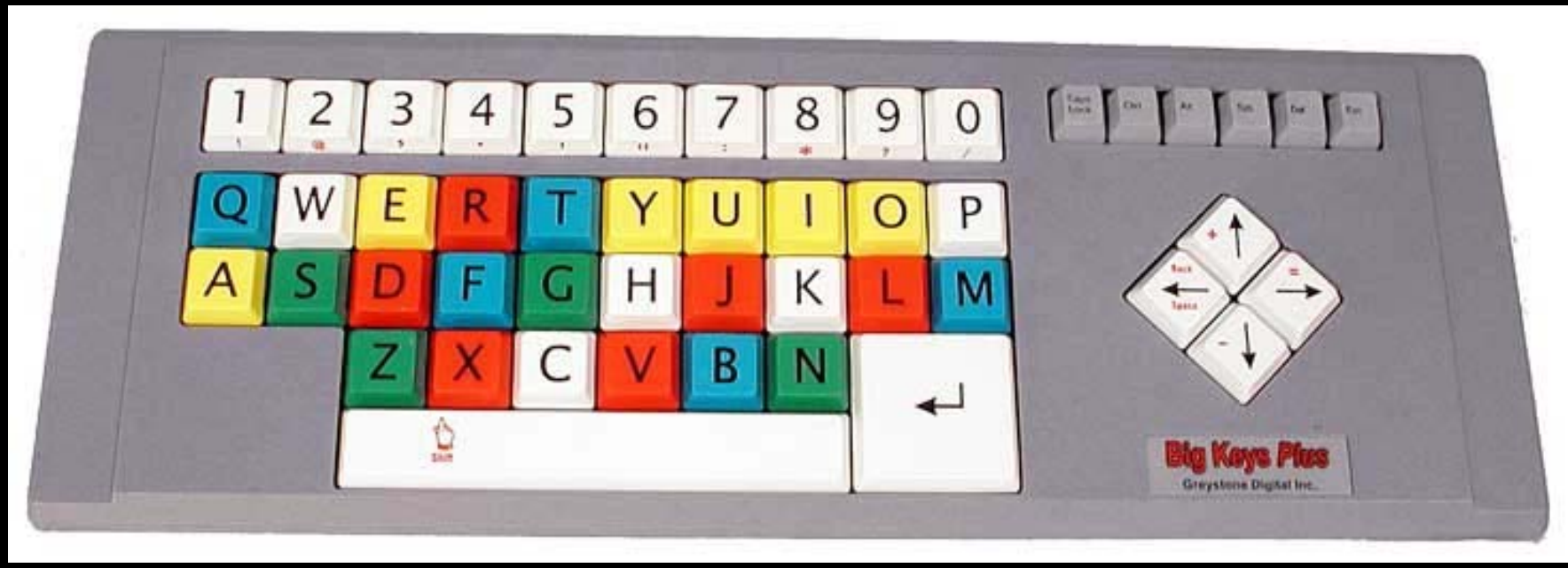
Switch interface

Scanning

N

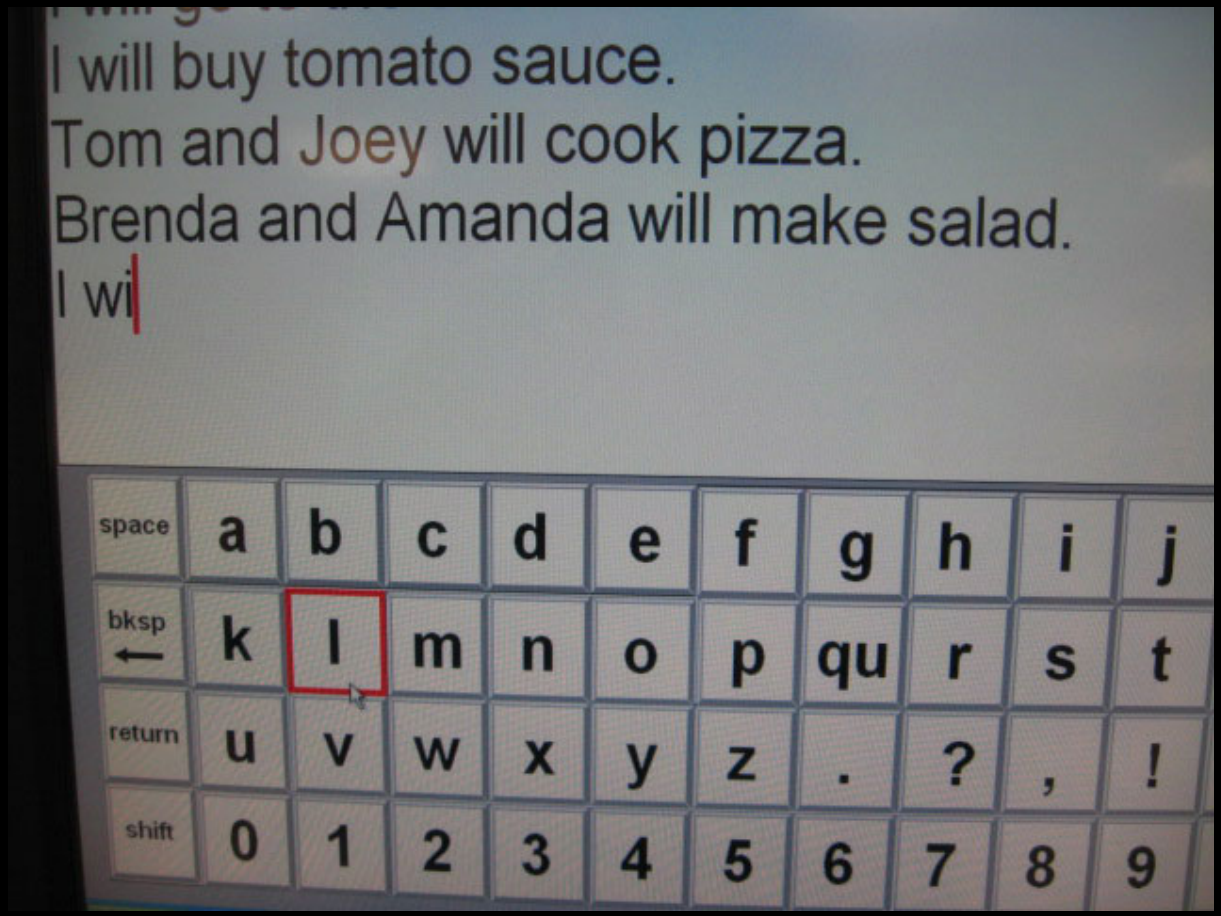


Big Keys

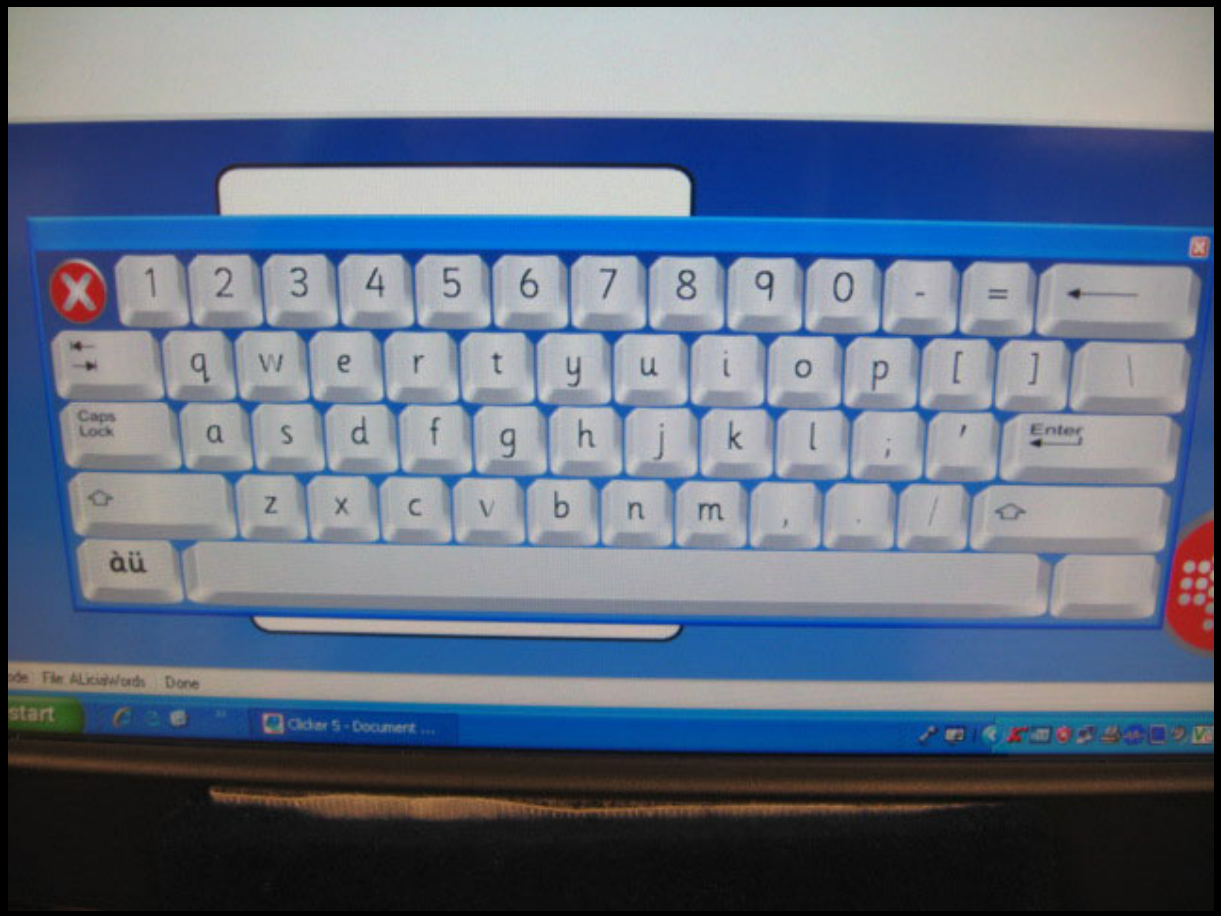

1 2 3 4 5 6 7 8 9 0
Q W E R T Y U I O P
A S D F G H J K L M
Z X C V B N
Big Keys Plus
Greystone Digital Inc.

Touch Screen

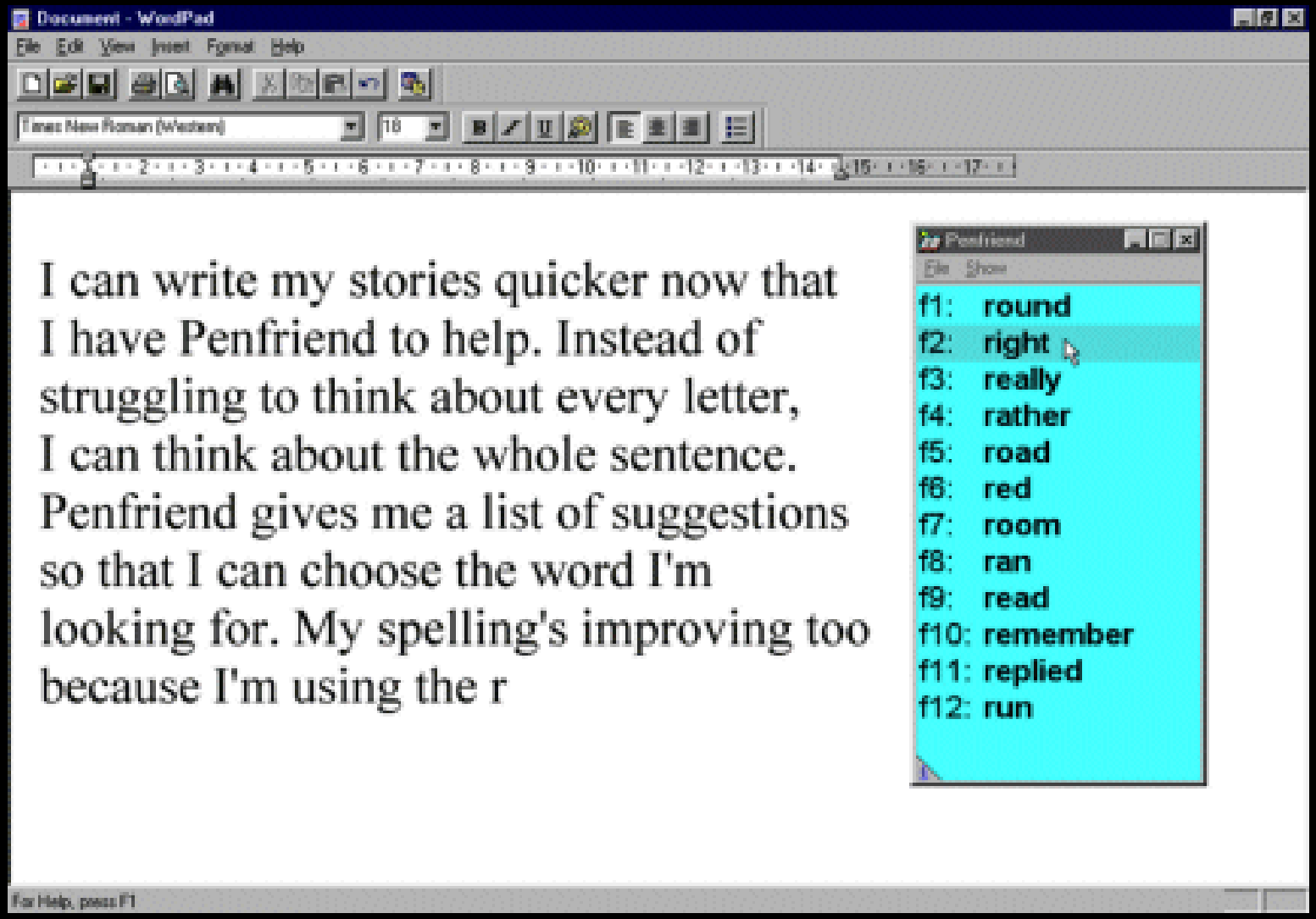
Onscreen Keyboard



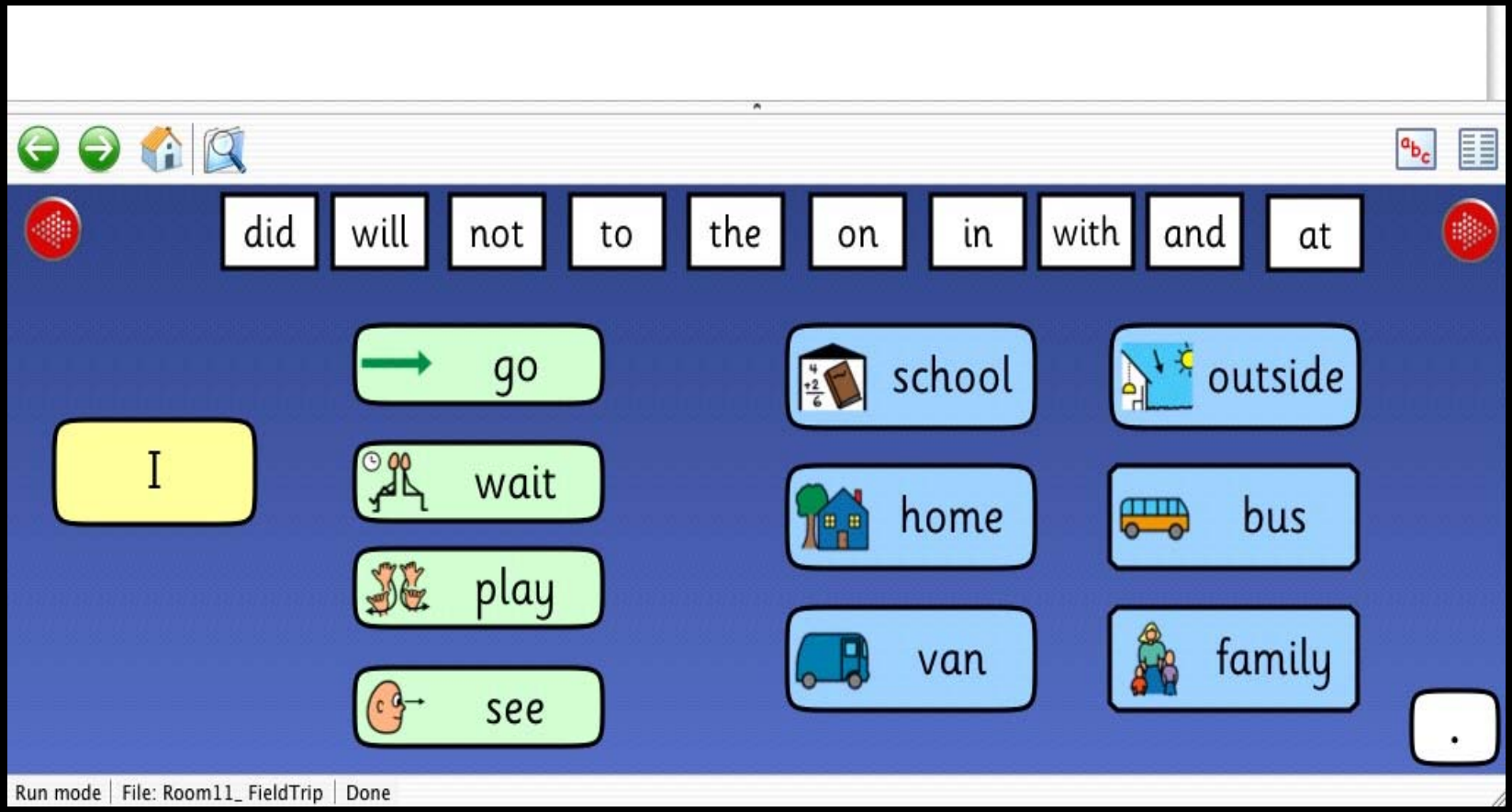
Onscreen Keyboard



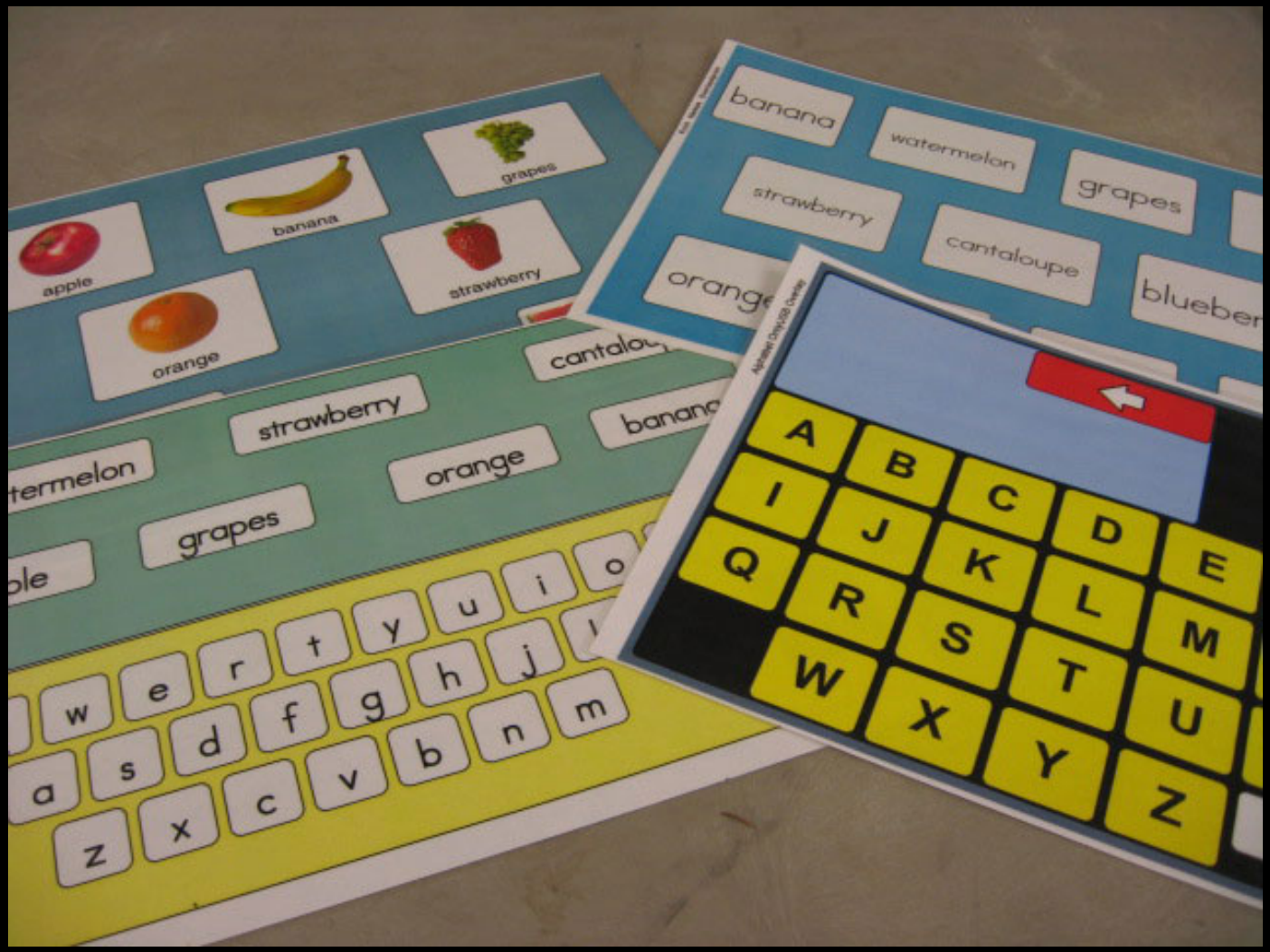
Word Prediction



Onscreen Grids

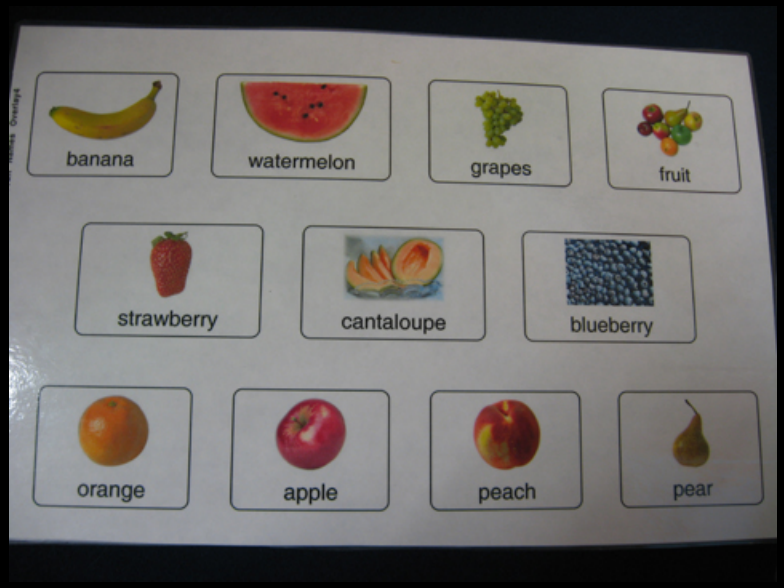


Overlay Maker



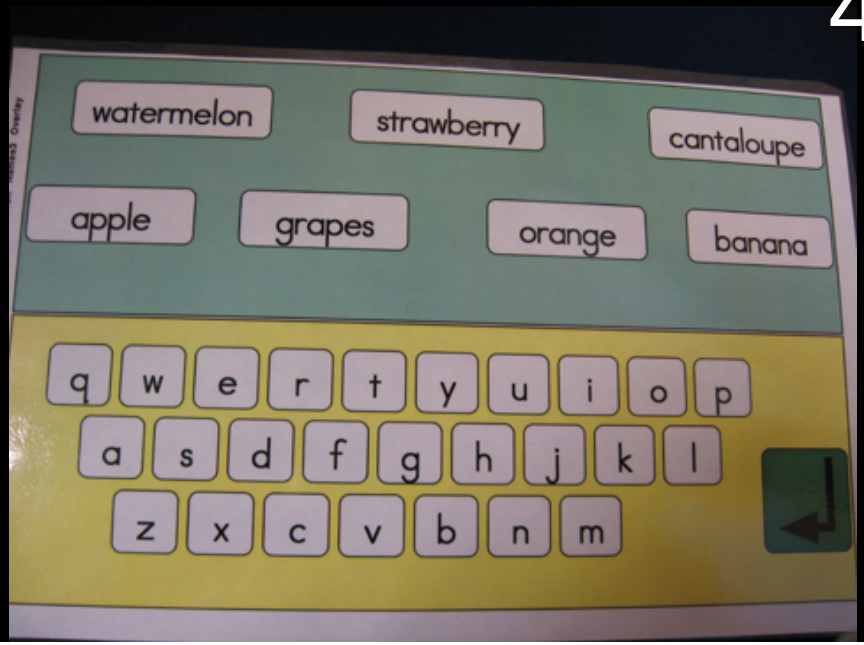
Overlays

1



2

3



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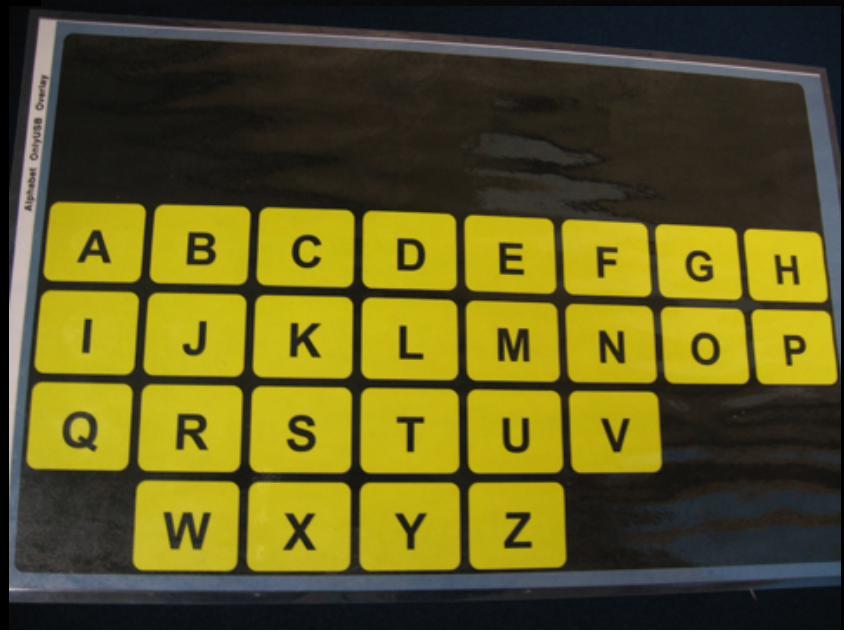
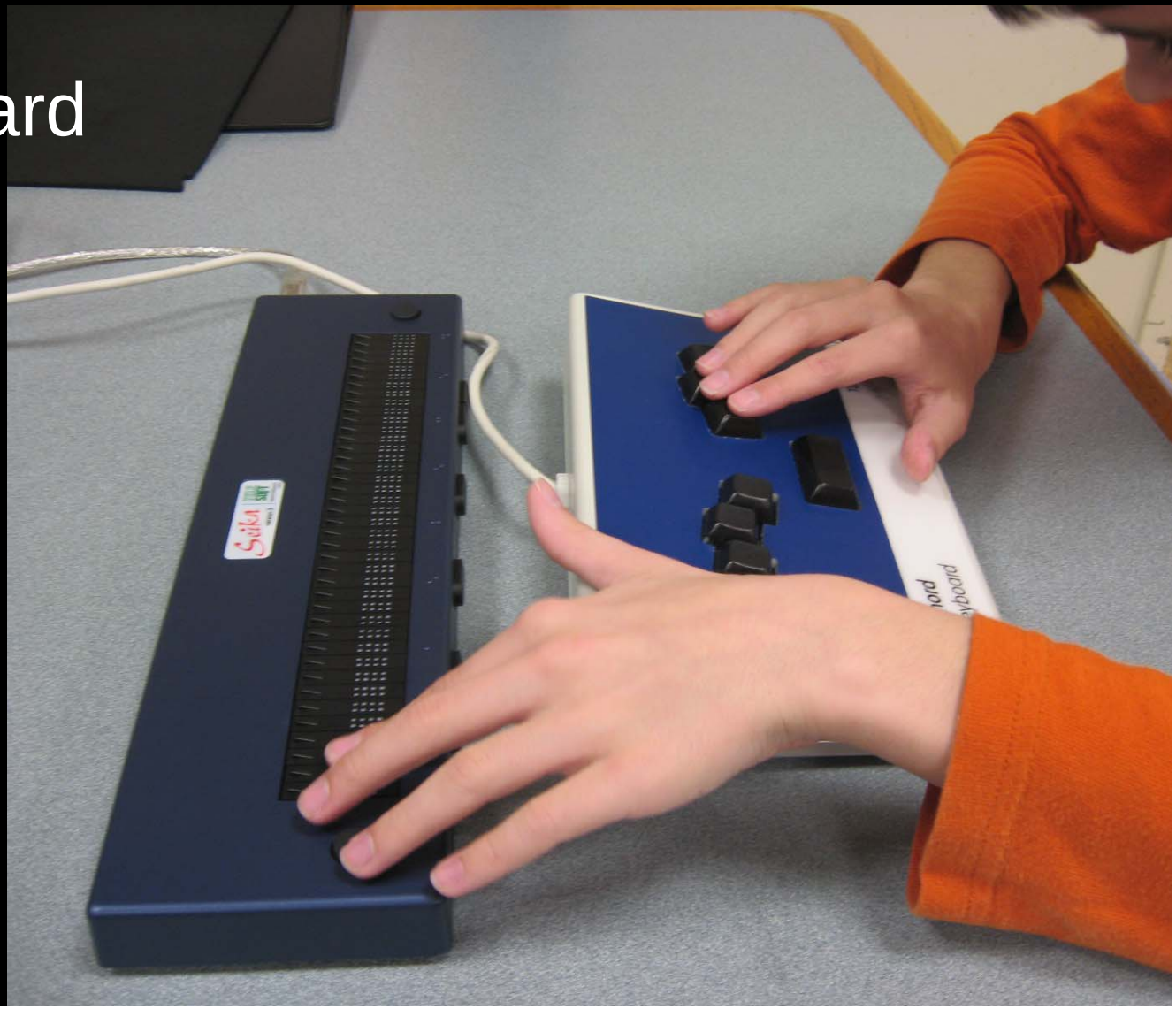


Options for Keyboard Skill Development

- Picture Symbol Cards
- IntelliKeys Overlay w/Symbols
- Letter Symbol Cards
- IntelliKeys Overlay w/Alphabet Only
- IntelliKeys Overlay QWERTY
- Mounted Keyboard w/Stickers
- Standard Keyboard

Braille display

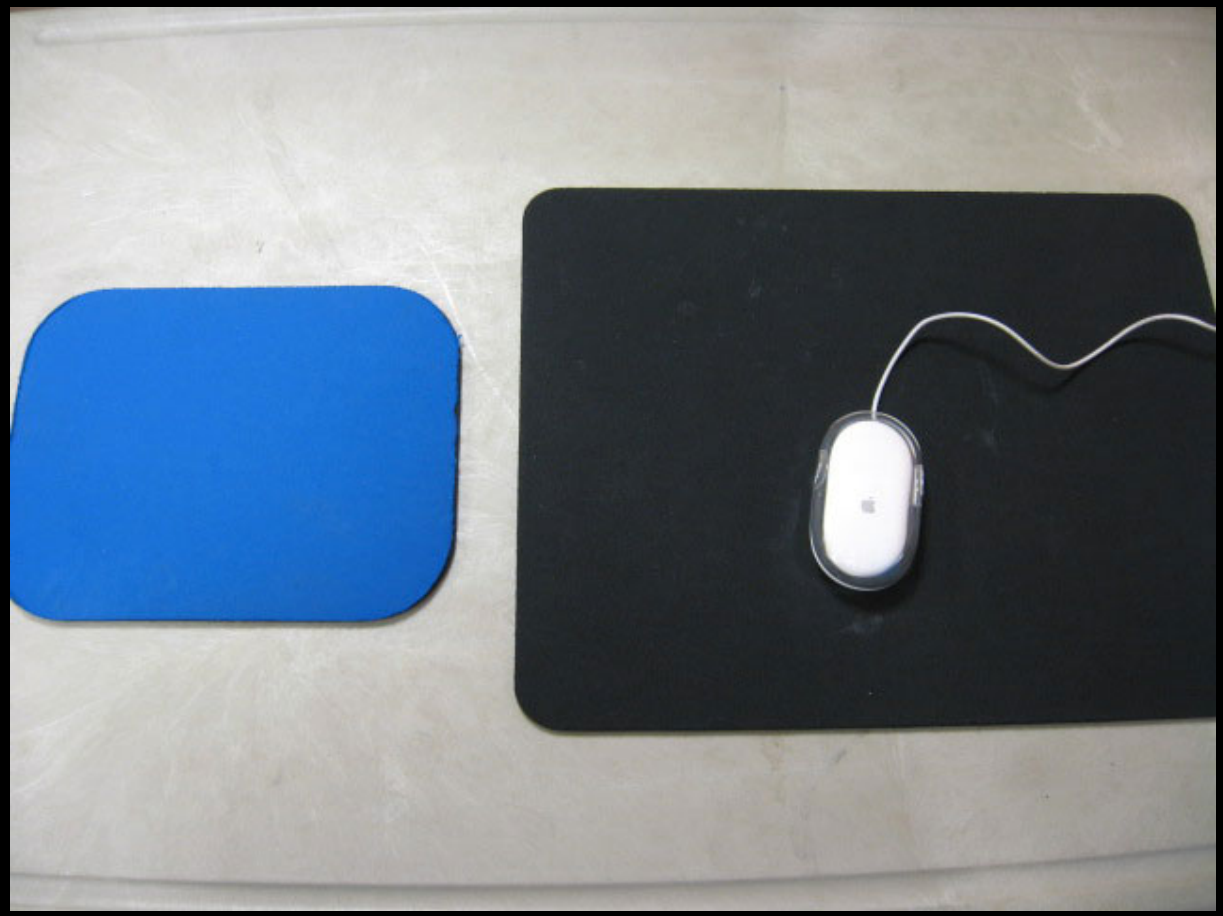
Braille Keyboard



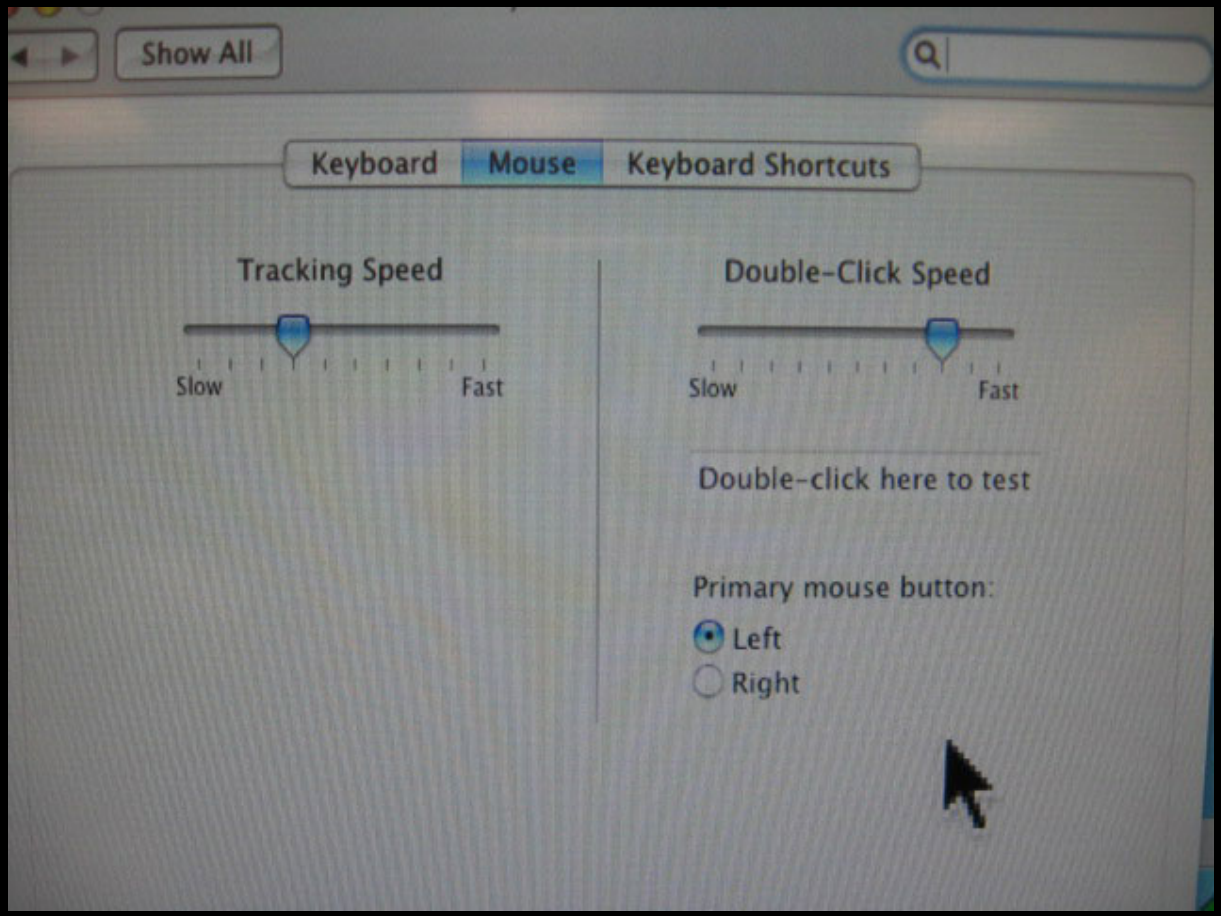
Alternative Access Devices: Mouse

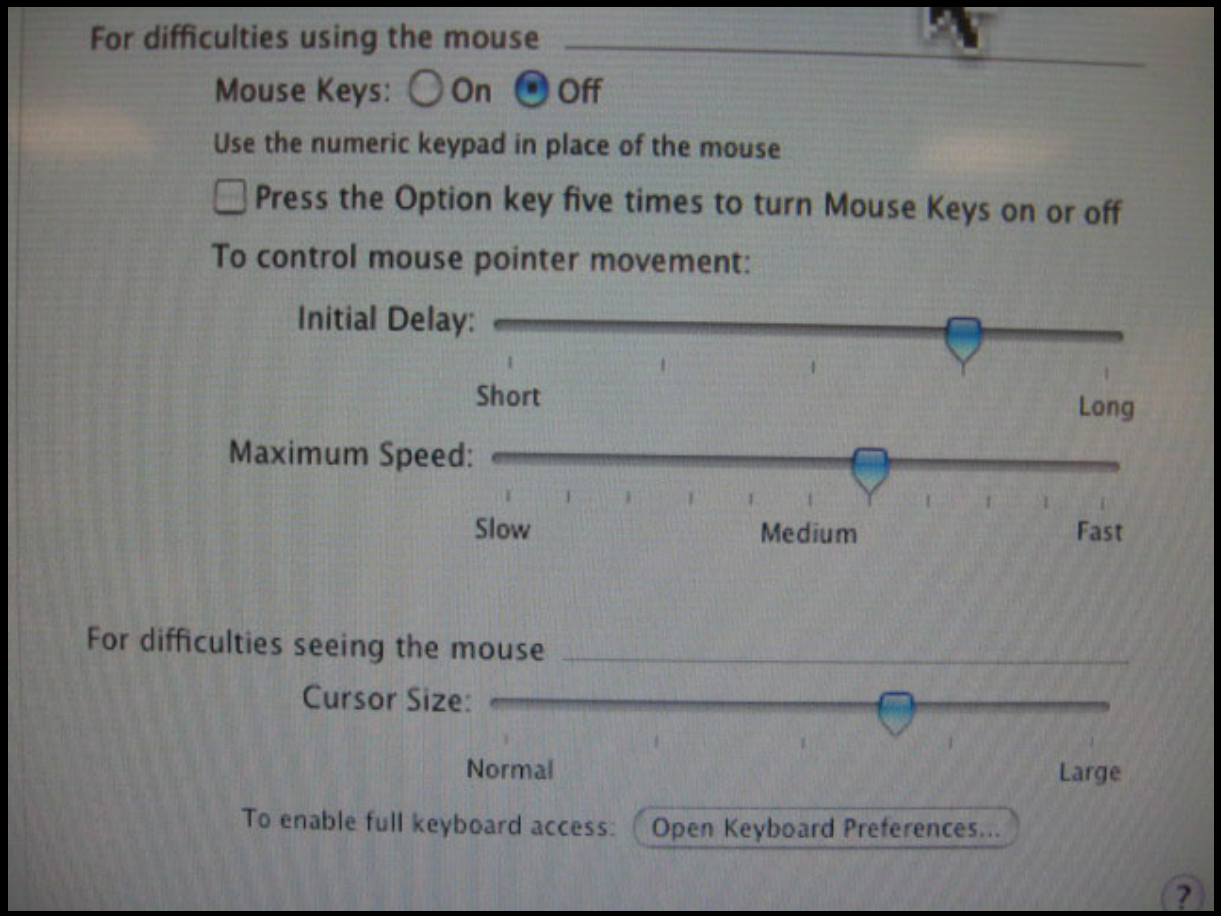
For Children with Visual and Multiple Disabilities

Modifications & Adaptations
for the Mouse



COMPAQ


Show All
Keyboard
Mouse
Keyboard Shortcuts
Tracking Speed
Slow
Fast
Double-Click Speed
Slow
Fast
Double-click here to test
Primary mouse button:
Left
Right

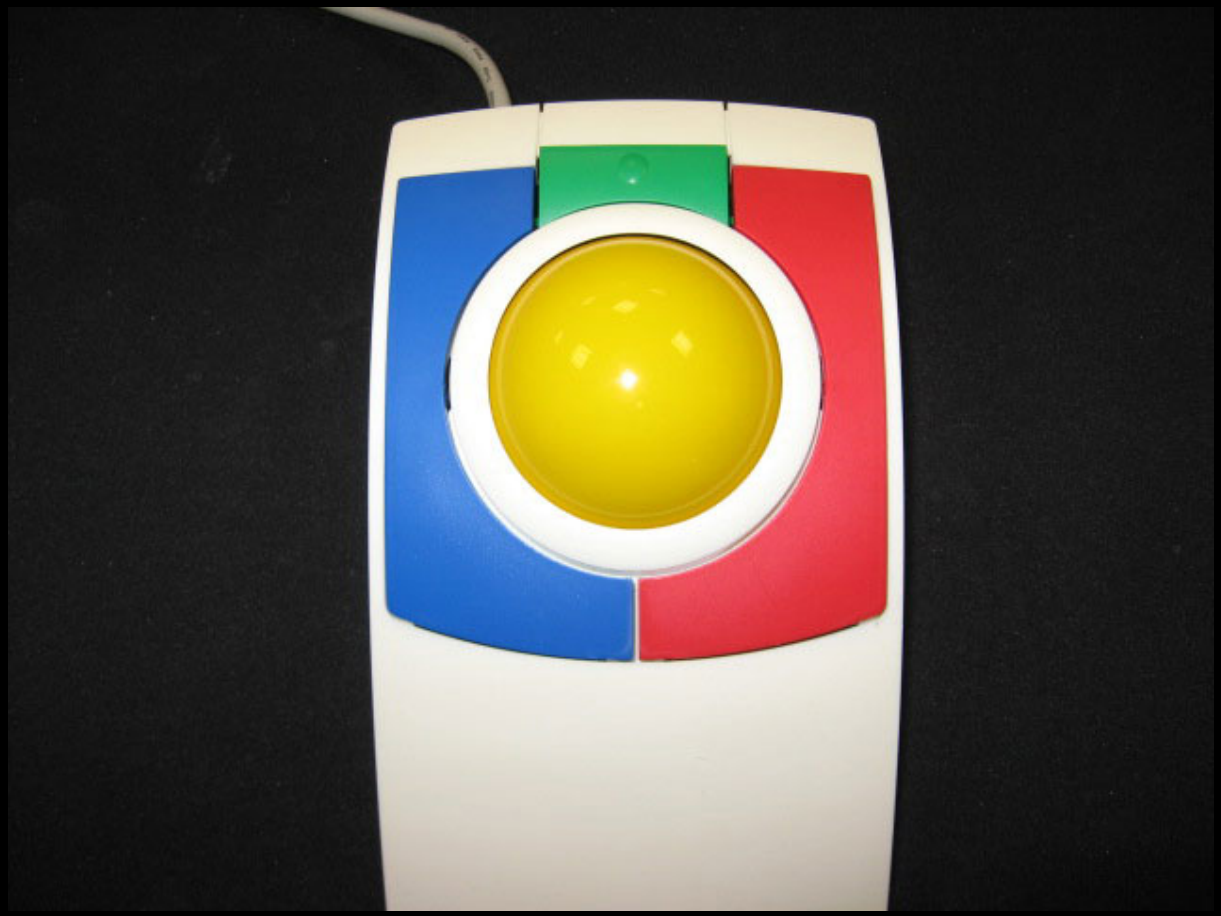

For difficulties using the mouse
Mouse Keys: On Off
Use the numeric keypad in place of the mouse
Press the Option key five times to turn Mouse Keys on or off
To control mouse pointer movement:
Initial Delay:
Short
Long
Maximum Speed:
Slow
Medium
Fast
For difficulties seeing the mouse
Cursor Size:
Normal
Large
To enable full keyboard access:
Open Keyboard Preferences...
?

BRAILLE
PAPER
BRAILLE
PAPER

Hand-held Pointer

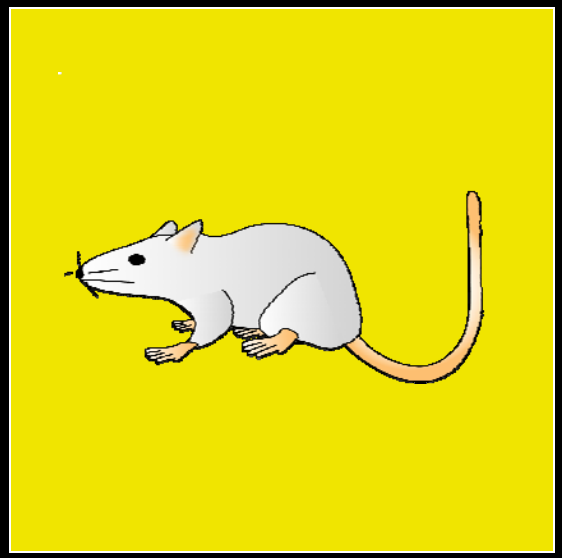
Hand-held pointer

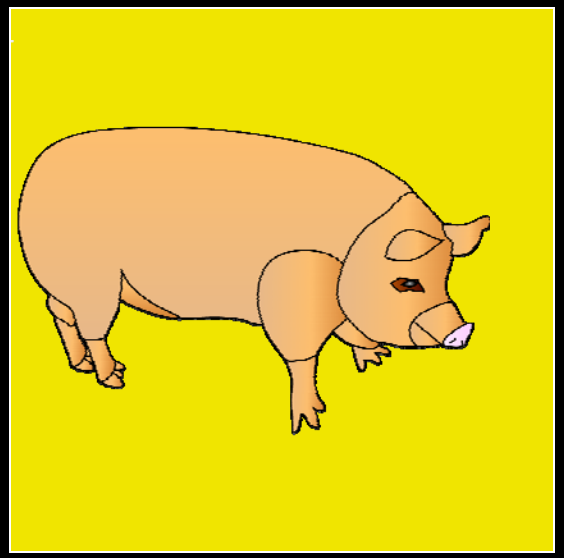
Esterline

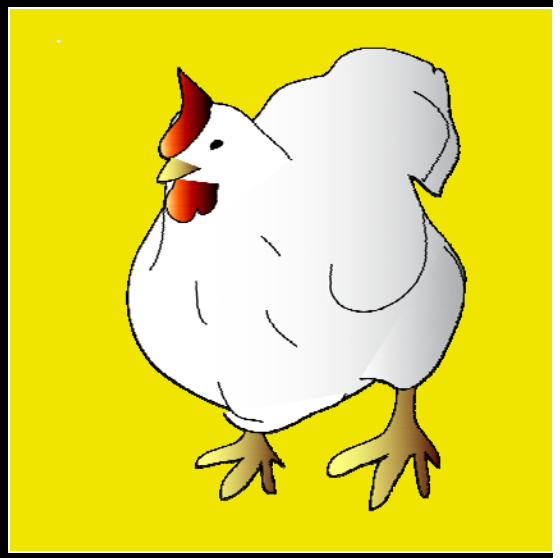


Switch Interface

Switches







Switch Options: Size, Shape, Sensitivity

Switch Options : Color

Switch Options : Mounting

Switch Options : Mounting