

Interactive White Boards and Assistive Technology for Early Learners



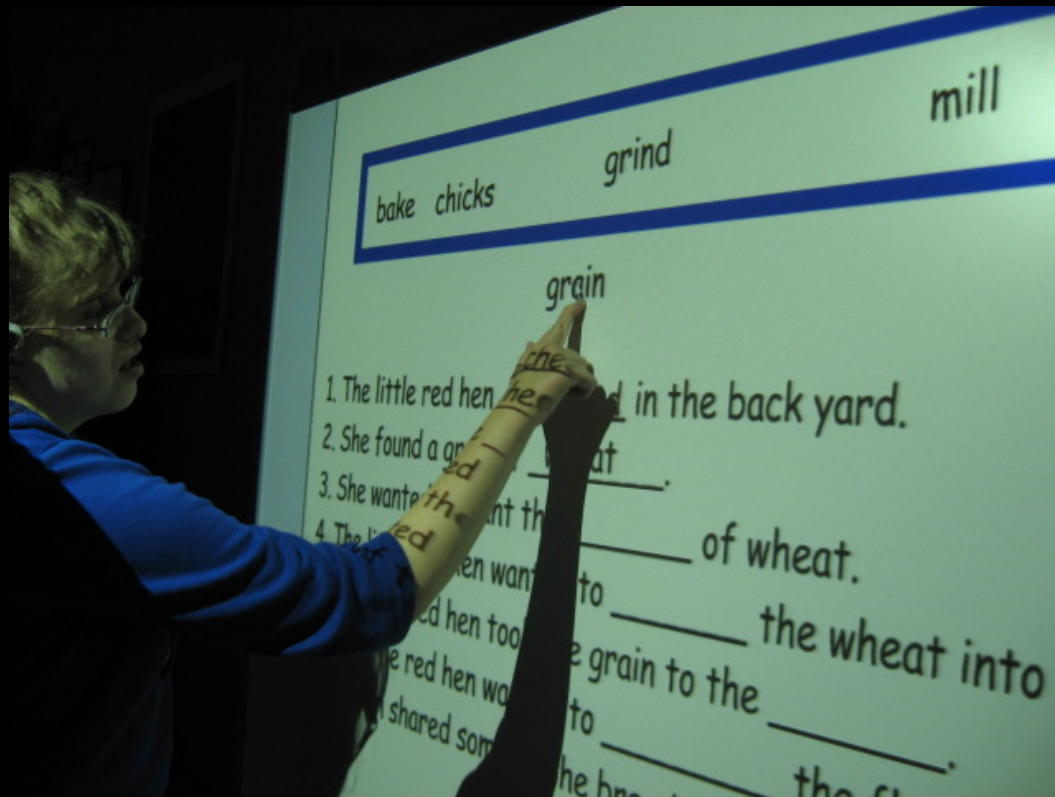
Interactive Whiteboards

- 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

Help Kidz Learn

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>

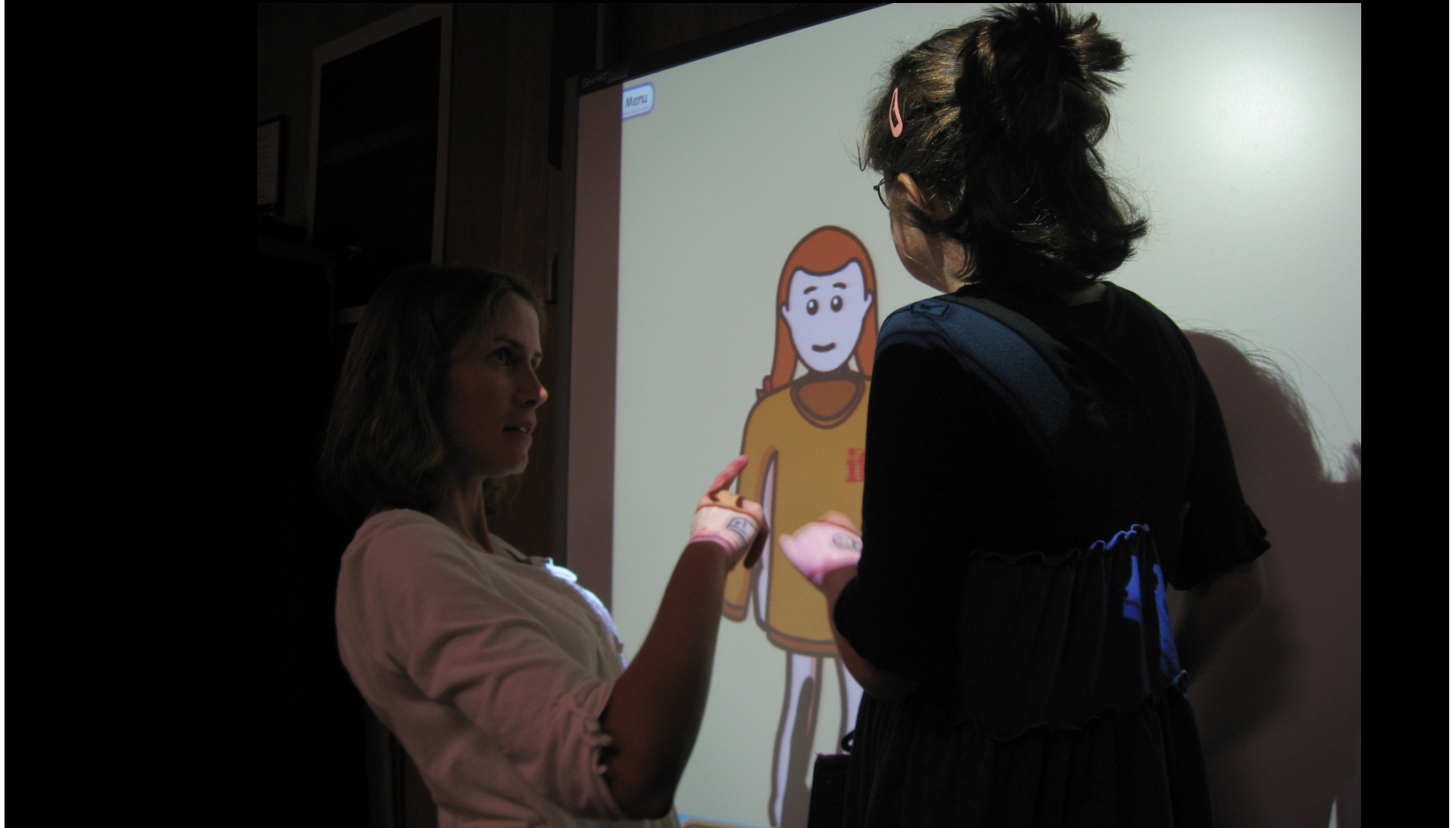
[http://www.bbc.co.uk/schools/ks2bitesize/sci
ence/](http://www.bbc.co.uk/schools/ks2bitesize/science/)

National Library of Virtual Manipulatives

Numeracy Activities, All Levels

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

Commercially Available Software



Inclusive TLC

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



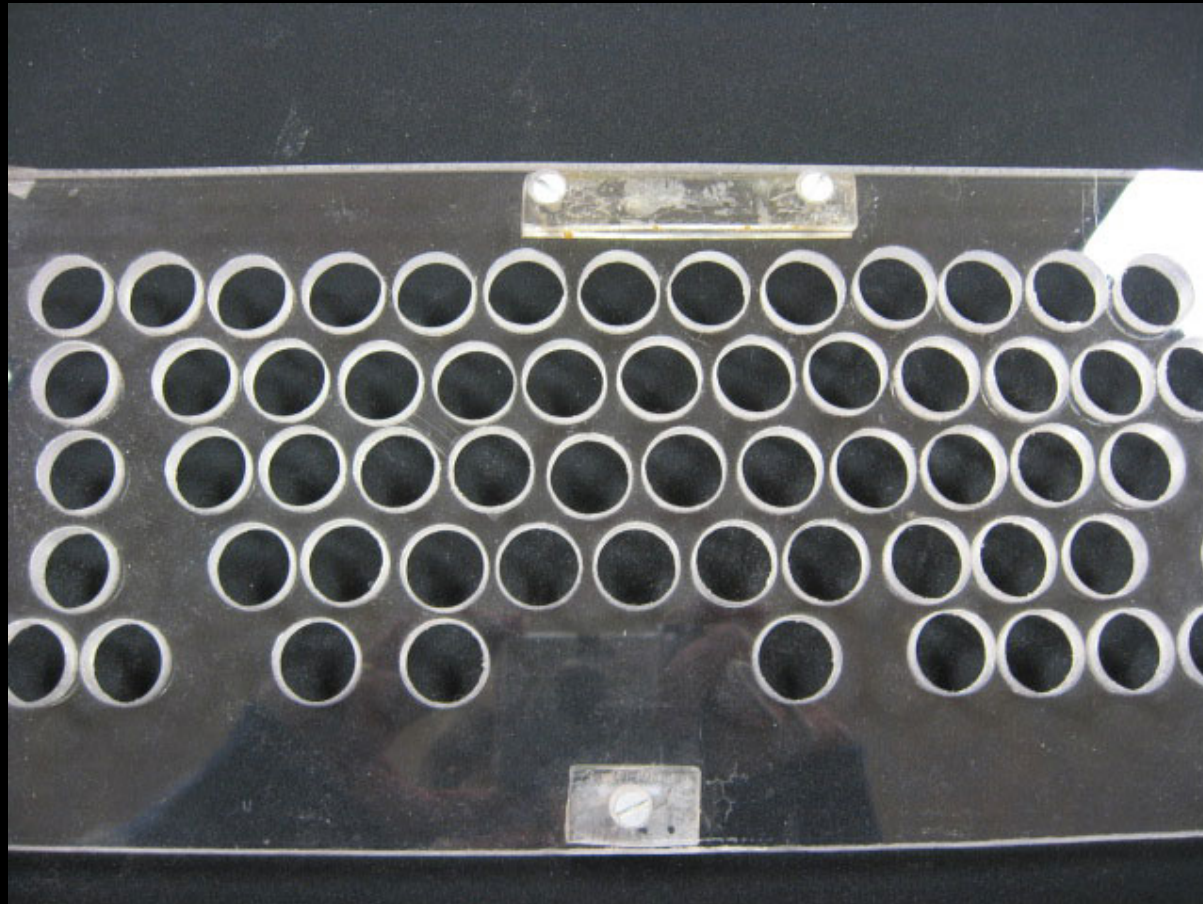
Slant board



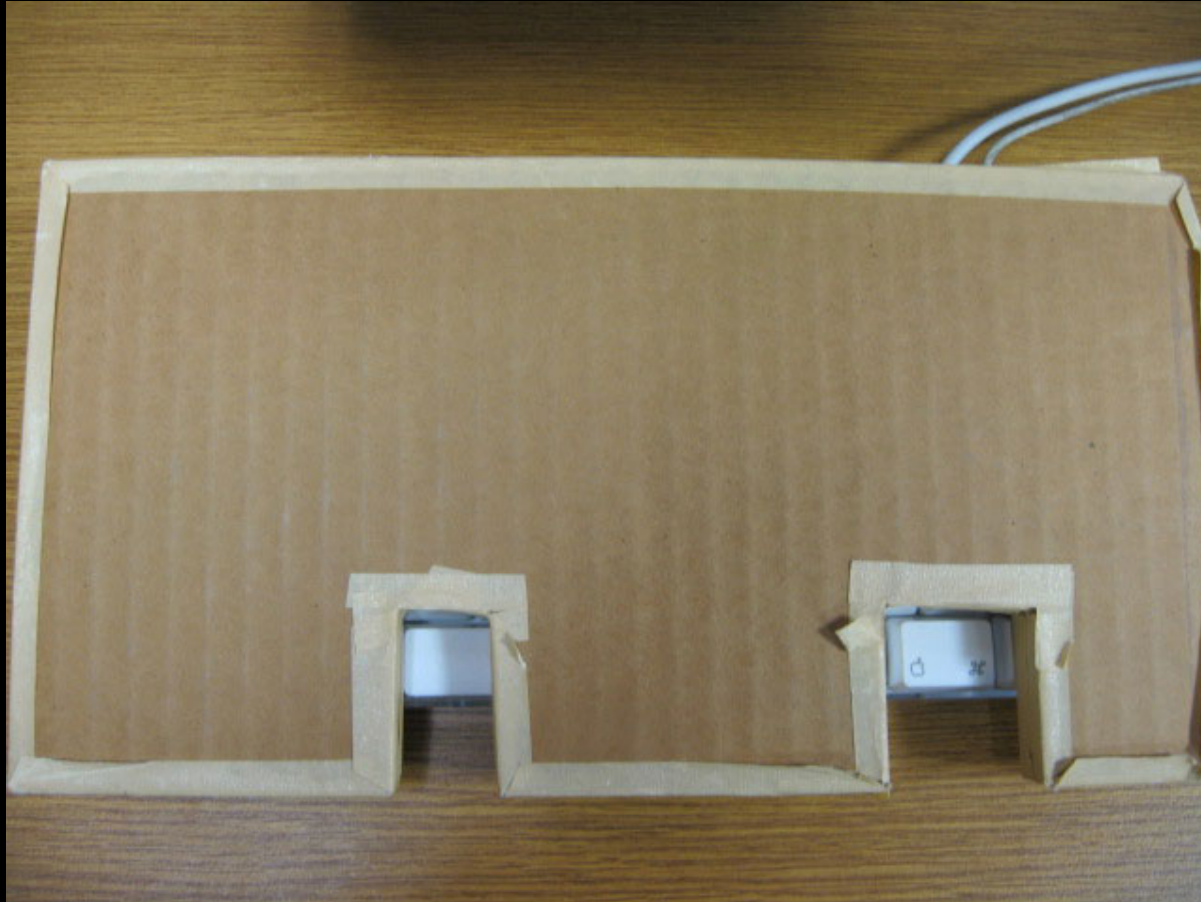
Slant board



Keyguard



Simple keyguard



IntelliKeys



Overlays



chicken



pig



duck



cat



horse

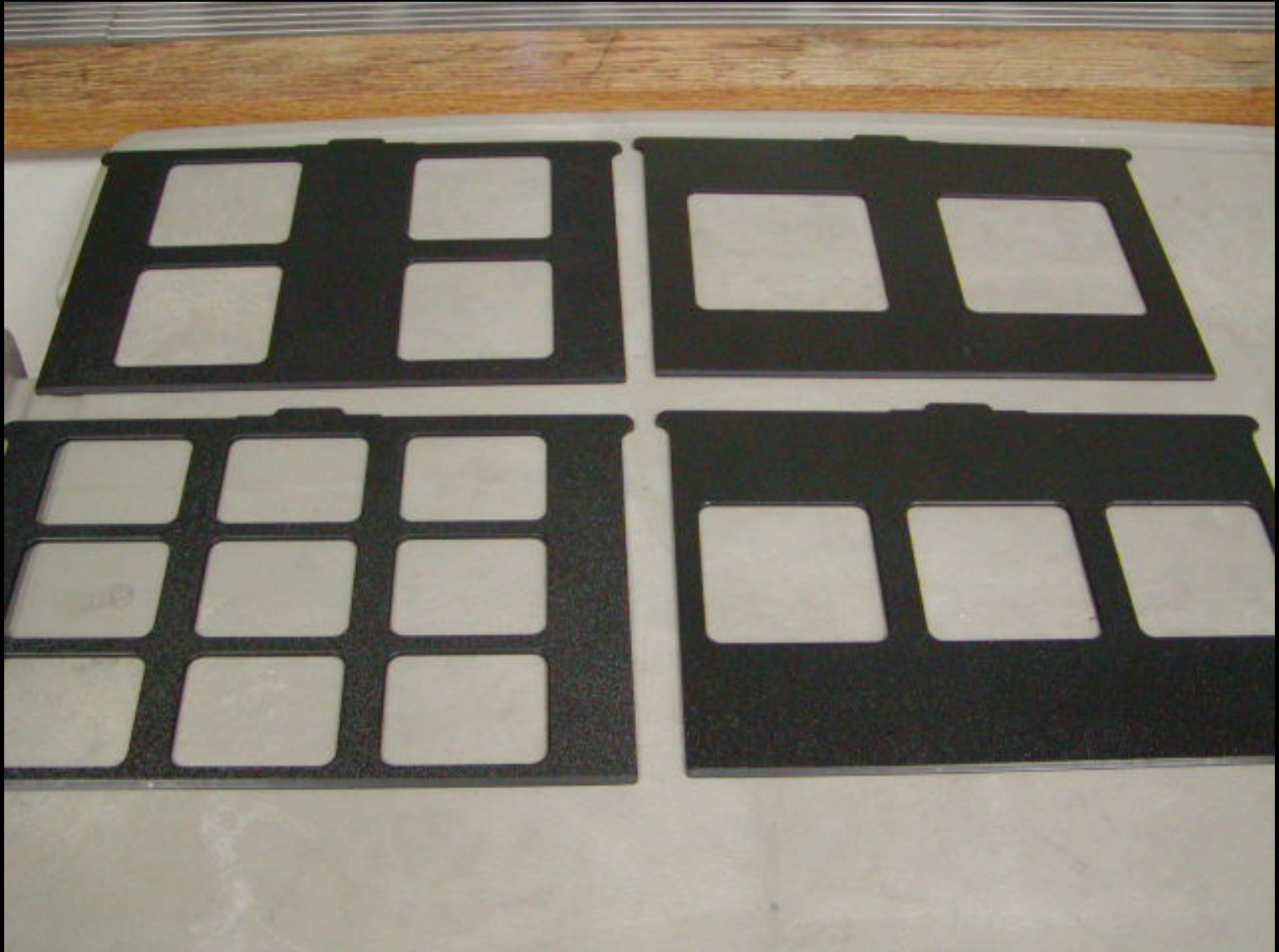


dog

Keyguard



Keyguards



Switch interface

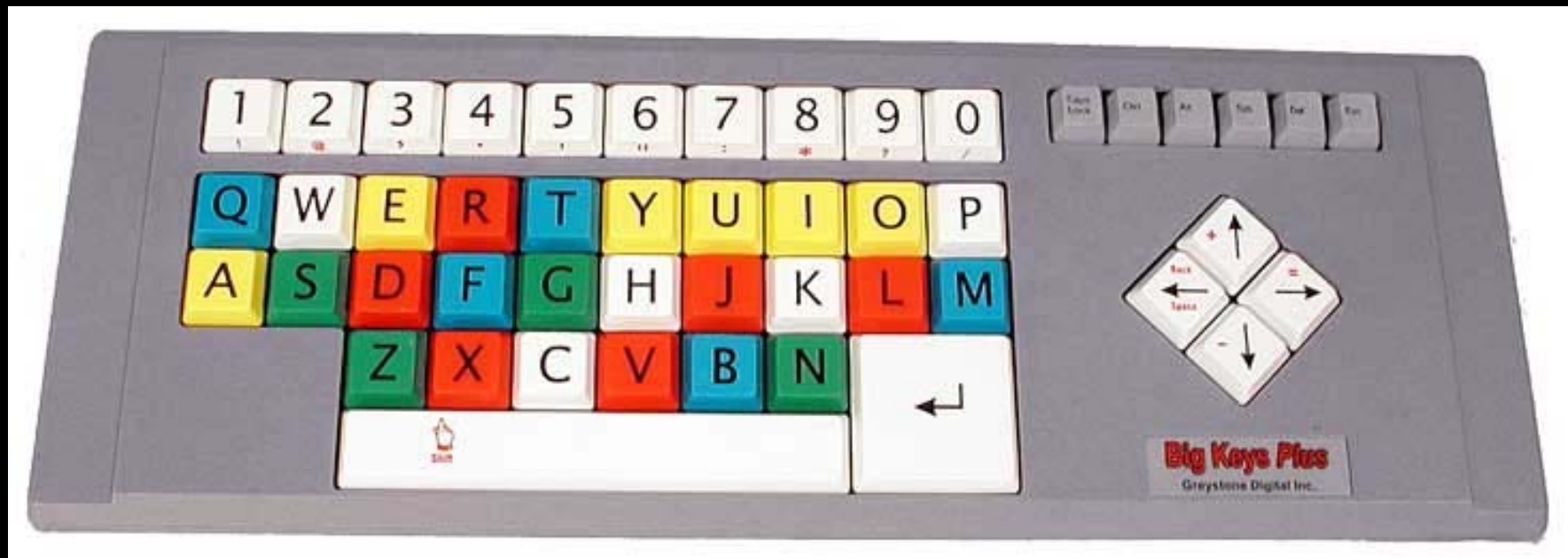


Scanning

N

A	B	C	D	E
F	G	H	I	J
K	L	M	N	O

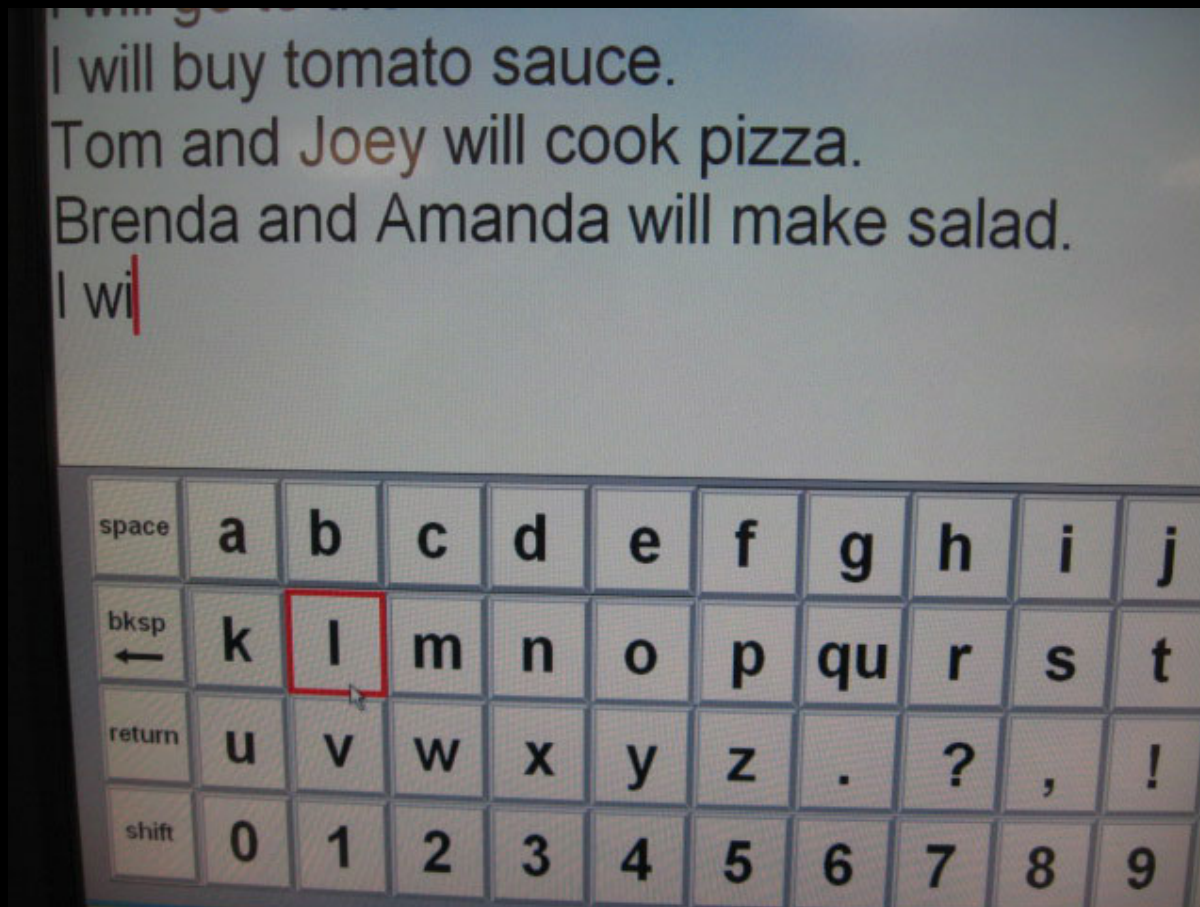
Big Keys



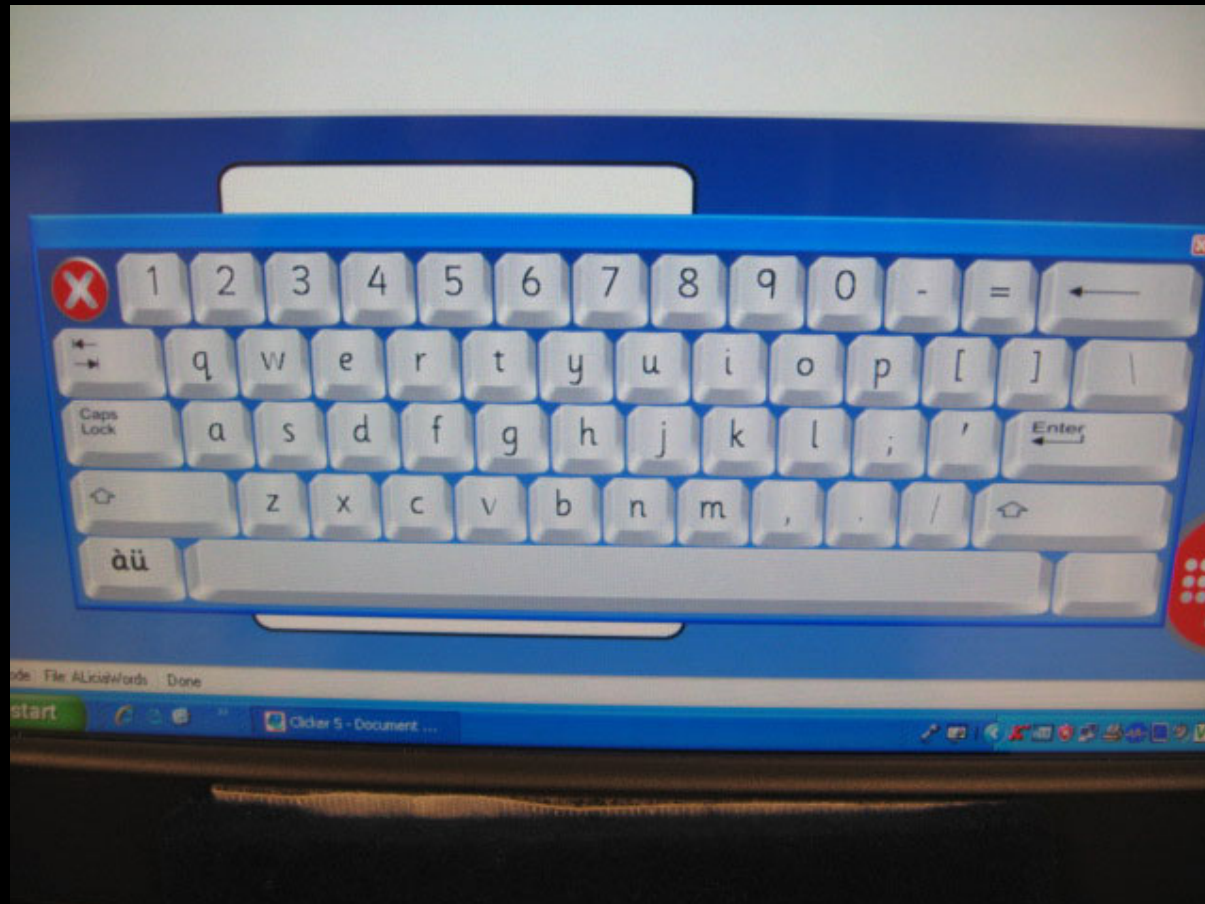
Touch Screen



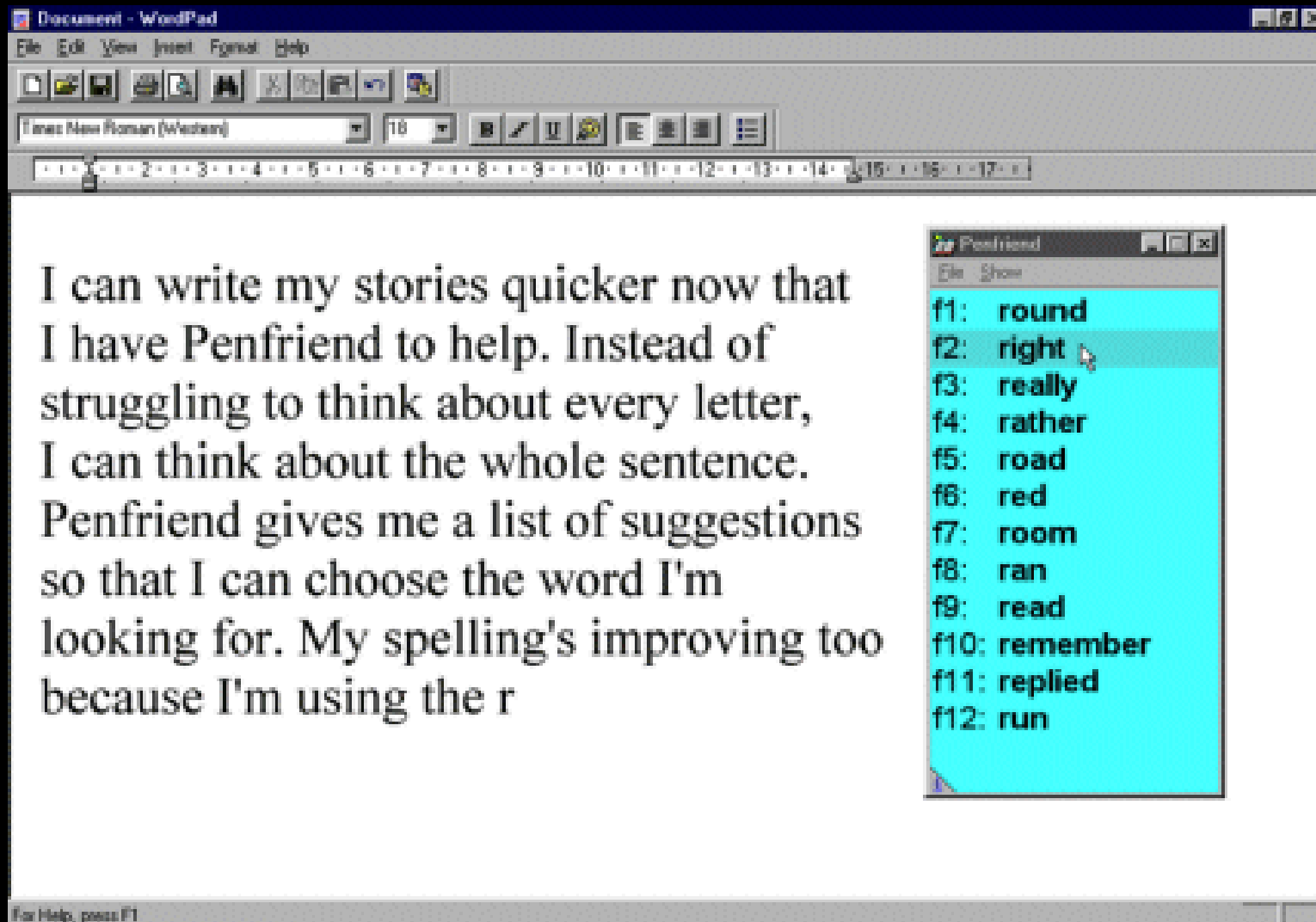
Onscreen Keyboard



Onscreen Keyboard



Word Prediction



Onscreen Grids

The screenshot shows a software window titled "Onscreen Grids" with a blue background. At the top, there is a toolbar with icons for navigation (left and right arrows), a home icon, and a search icon. Below the toolbar, a row of white buttons contains the words: "did", "will", "not", "to", "the", "on", "in", "with", "and", and "at". To the left of the main grid is a yellow button with the letter "I". The main grid consists of several light green and light blue buttons. The green buttons are arranged vertically and contain: a green arrow pointing right followed by "go", a clock icon followed by "wait", two hands clapping followed by "play", and a face icon with an arrow pointing right followed by "see". The blue buttons are arranged in two columns. The left column contains: a school building icon followed by "school", a house icon followed by "home", and a van icon followed by "van". The right column contains: a sun and clouds icon followed by "outside", a bus icon followed by "bus", and a family icon followed by "family". At the bottom right of the grid is a small white button with a period ".". The status bar at the bottom of the window reads "Run mode | File: Room11_ FieldTrip | Done".

did will not to the on in with and at

I

go

wait

play

see

school

home

van

outside

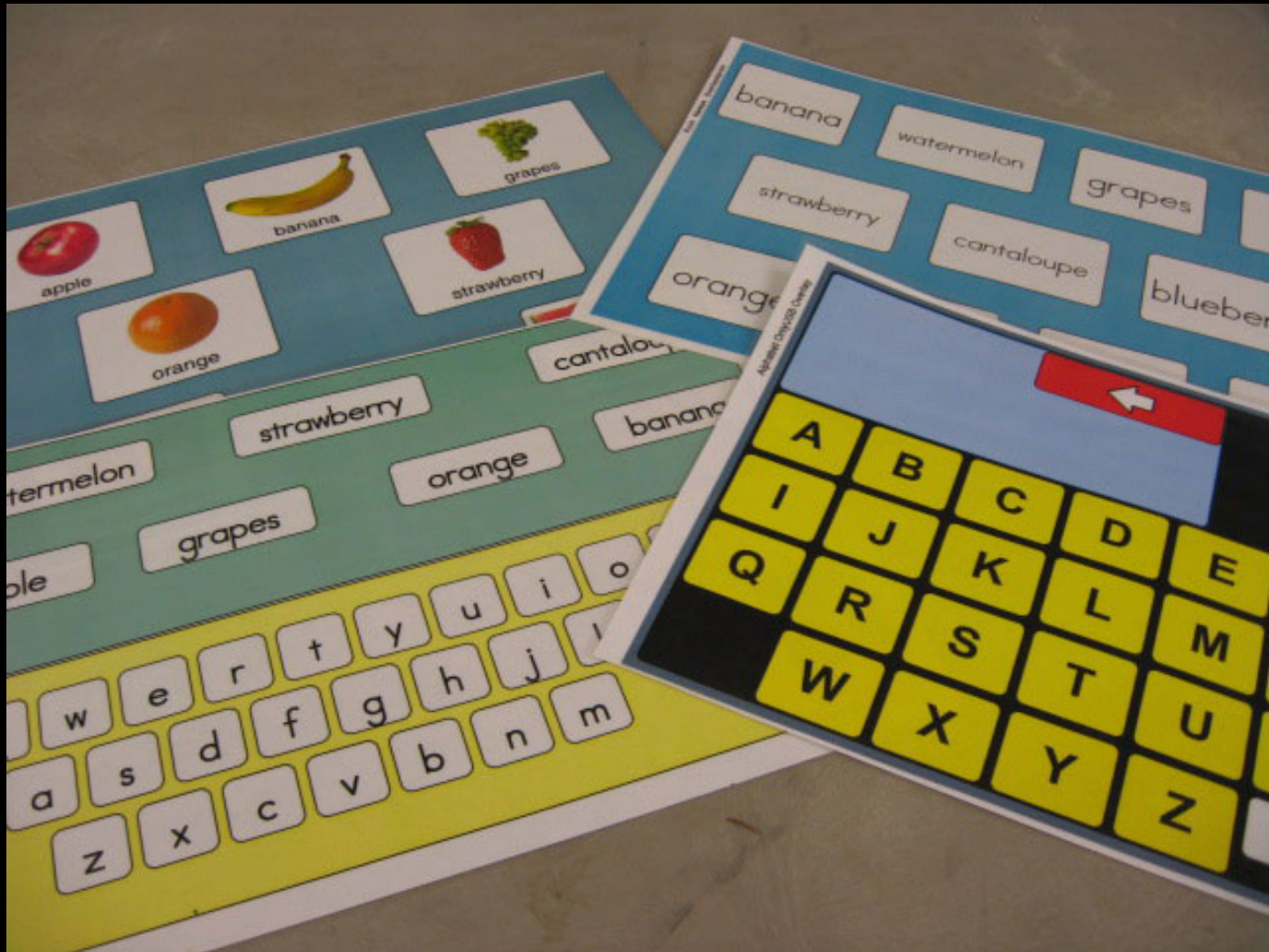
bus

family

.

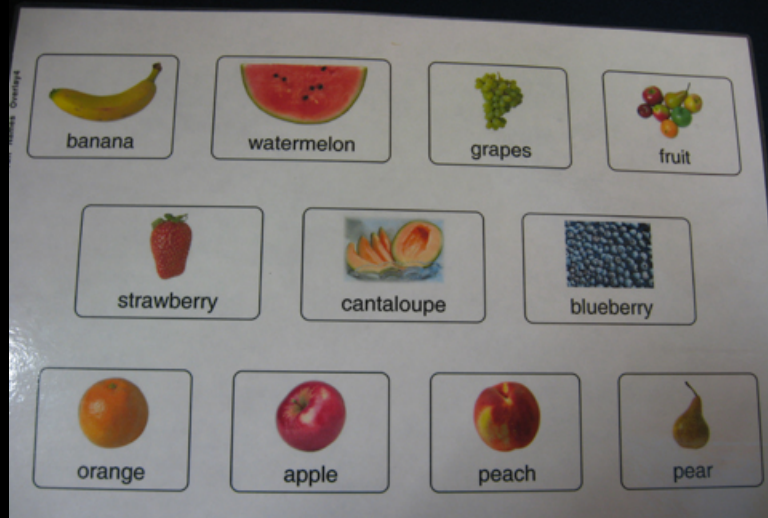
Run mode | File: Room11_ FieldTrip | Done

Overlay Maker



Overlays

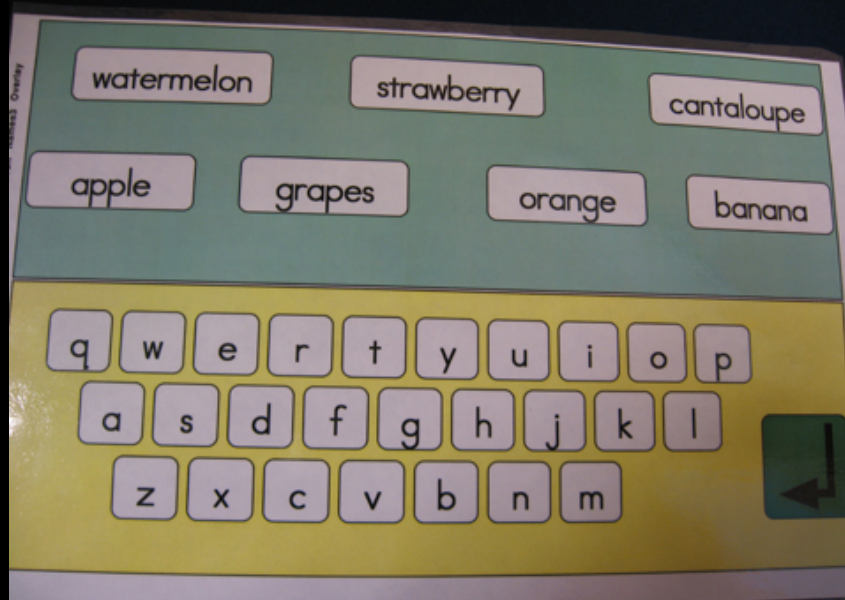
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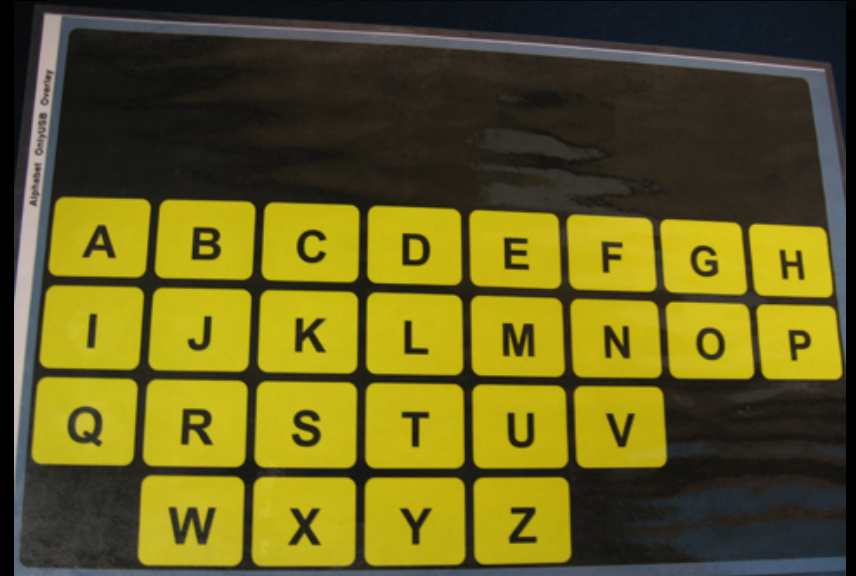
2



3



4

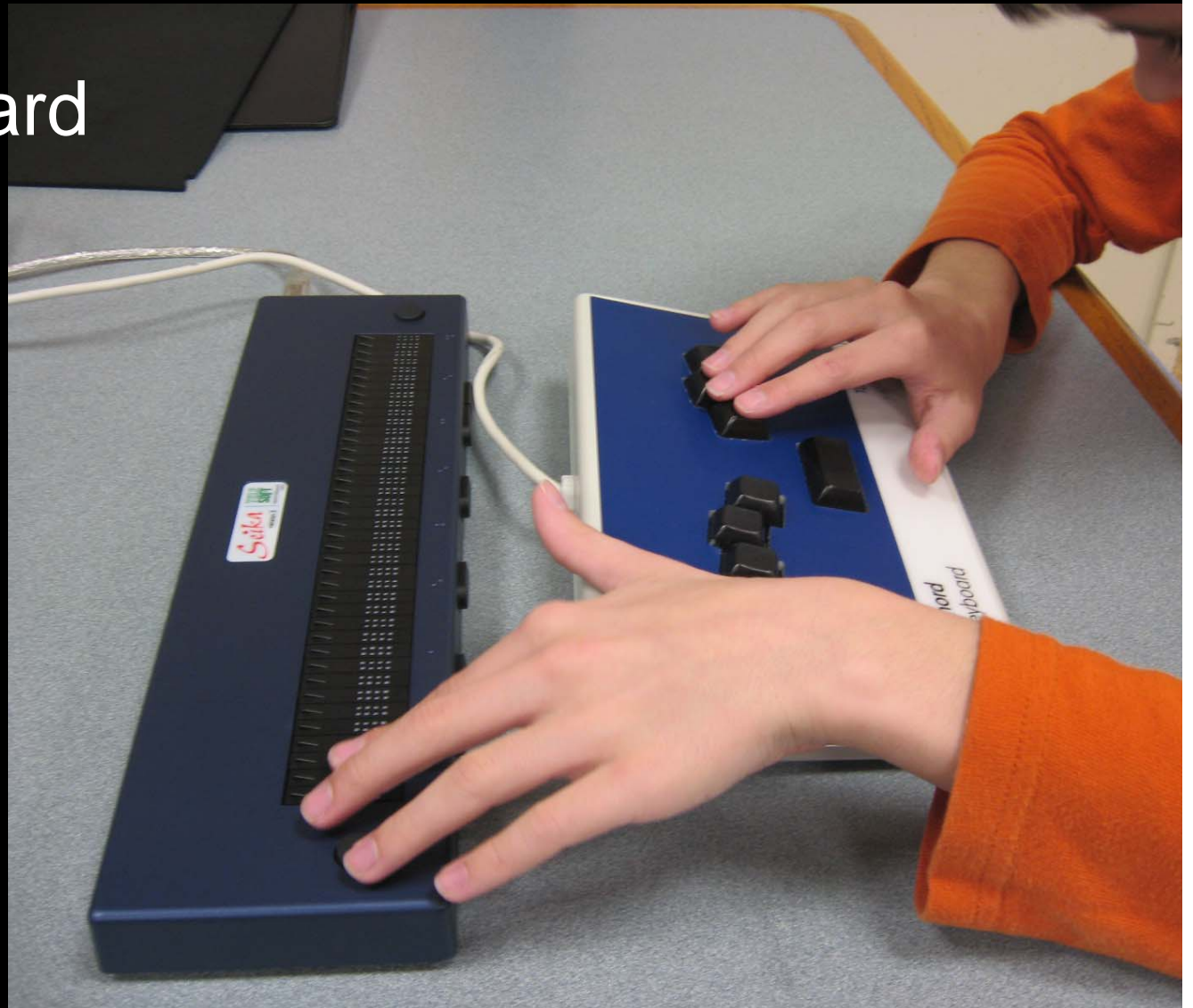


Options for Keyboard Skill Development

- 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

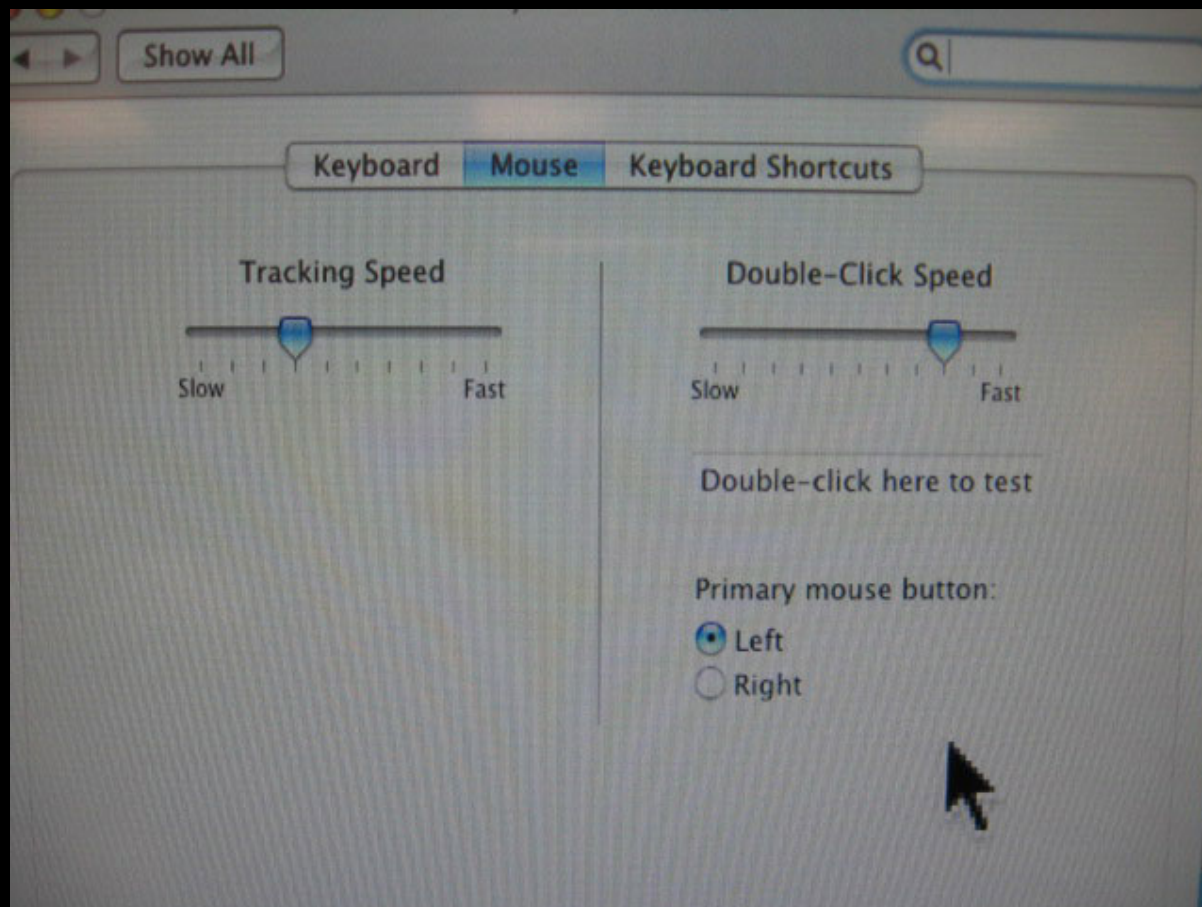












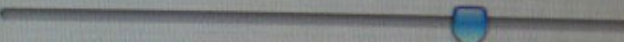
For difficulties using the mouse

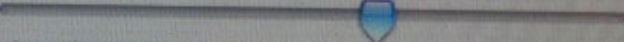
Mouse Keys: ☐ On ☒ Off

Use the numeric keypad in place of the mouse

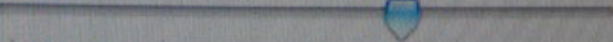
☐ Press the Option key five times to turn Mouse Keys on or off

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...](#)





Hand-held Pointer





Hand-held pointer

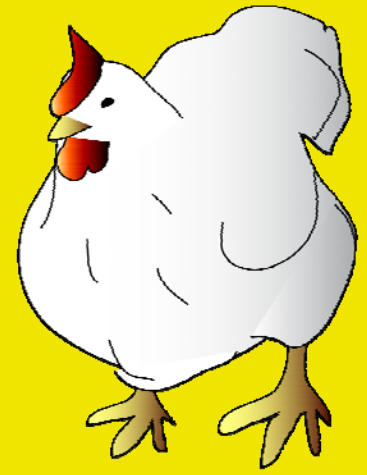
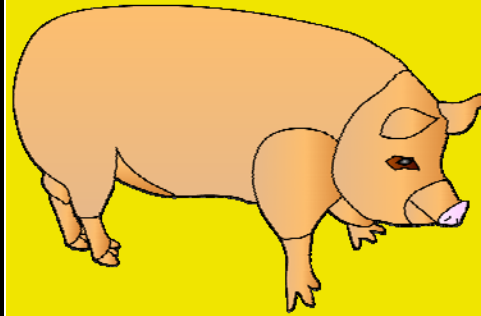
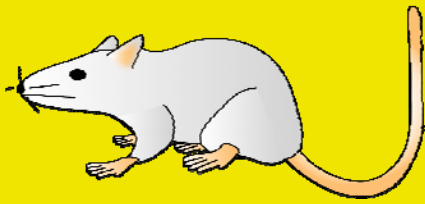




Switch Interface



Switches



Switch Options: Size, Shape, Sensitivity



Switch Options : Color



Switch Options : Mounting



Switch Options : Mounting

