

TTAP: Technology Team Assessment Process

TECH ACCESS*
**Technology Assessment for Computer Capability for the
Education of Special Students**

Part I: Input Assessment

Reliable Movement

Fingers	Trunk
Hand	Foot
Arm	Head
Leg	Chin
Knee	Facial Feature/Mouth

Switch Input

- Motor Skills
 - Motor problems which make switch use difficult
 - Cognitive Skills
 - Understanding of causality concepts
 - Intentional switch pressing
 - Visual scanning
 - Auditory scanning
 - Intent to communicate
 - Perceptual Skills
 - Visual-motor
 - Switch input strengths
 - Switch input weaknesses
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Touch Tablet Input

- Physical Skills
 - Ability to activate touch tablet
 - Use of hand/fingers
 - Amount of pressure exerted
 - Motor problems which make touch tablet operation difficult
 - Perceptual Skills
 - Visual discrimination
 - Visual-motor processing
 - Touch tablet input strengths
 - Touch tablet input weaknesses
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*Outline shows categories on this assessment tool used by the team during an assessment.

Keyboard Input

Physical Skills

- Hand control
- Range of motion with hand
- Keyboarding skills
- Motor problems which make keyboard use difficult
- Ability to operate keyboard

Perceptual Skills

- Visual discrimination
 - Visual acuity
 - Visual-motor integration
 - Keyboard input strengths
 - Keyboard input weaknesses
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Part II: Recommendations

Switch Input

- Recommended switch
 - Modifications of switch
 - Positioning of switch
 - Assistive devices/materials to position switch
 - Commercial source of switch
 - Additional modifications needed for switch use
 - Recommended type of scanning
 - Adaptations to make scanning more effective
 - Long term goals for switch as input method
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Touch Tablet Input

- Recommended touch tablet
 - Adaptations to alleviate motor problems
 - Modifications of overlay
 - Adaptive materials
 - Positioning of touch tablet
 - Commercial source for touch tablet
 - Additional modifications needed for touch tablet use
 - Recommended activities for touch tablet use
 - Long term goals for touch tablet as input method
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Keyboard Input

- Assistive devices/materials to help with keyboarding
- Purpose of assistive device/material on the keyboard
- Outcome of assistive device/material use for the child
- Placement and positioning of device/material
- Recommended device/materials for keyboard input
- Source for assistive device/material
 - Commercial/Homemade/Other
- Recommended activities for keyboard use
- Long term goals for keyboard as input method