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“Using IntelliTools Classroom Suite V.4 as a Speech-Language Pathology Tool” **Kenneth P. Whitley, MA, CCC-Sp.**

- I. **IntelliTools Classroom Suite Version 4 (ICS-4):** A complete Pre-K-5, universally accessible, communication, early development, and educational solution which covers...
 - A. Reading Instruction
 - B. Math Instruction
 - C. Writing Instruction and Support
 - D. Provides a comprehensive set of Creativity Tools
 - E. ICS-4 (and **ICS-4** activities) may be used as simply or as sophisticated as desired
- II. **ICS-4** permits the creation of developmental, communication, early education, reading, writing, and math activities...for kids and adults, all subjects, all interest areas
Creativity Tools – contains seven multi-purpose tools for activity creation
 - A. *StoryMaker* – consists of *Paint*, *Design*, and *Writing* tools which allow you to draw, paint, and add pictures and text. You may also add motion and animation
 - B. *Make a Book* – tools for creating multi-page talking stories using graphics and text
 - C. *Multimedia Presentation Tools* – wide variety of tools, pictures, and backgrounds
 - D. *Paint Tools* – standard paint tools
 - E. *Design Tools* – tools including page setup, pictures, backgrounds, text & writing support, and ability to add movies and animation
 - F. *Writing Tools* – talking word processing features, including word prediction
 - G. *Math Tools* – used to create a wide range of math activities using Geoboards, probability manipulatives, base ten blocks, etc. Numbers, pictures, and text as well as math objects (number lines, fraction bars, decimal grids, arrays) may also be used
- III. **ICS-4** also provides many ready-to-use instructional activities within the program and over 3,800 additional activities by over 300 authors available for free download (via the IntelliTools Activity Exchange Program found at www.intellitools.com)
- IV. **ICS-4** is universally accessible and may be accessed by...
 - A. Standard keyboard and mouse
 - B. Mouse emulating devices (joystick, trackball, touchscreen)
 - C. Alternate keyboards (Big Keys Keyboard LX, IntelliKeys USB Keyboard)
 - D. Switch scanning
 - E. Hardware/software accessories most commonly used to support **ICS-4**
 1. Standard keyboard and mouse
 2. Touchscreen/touch monitor (or other mouse emulating devices)
 3. USB Switch Interface and switches
 4. **IntelliKeys USB Keyboard w/Overlay Maker 3**

V. Using **ICS-4** as a speech-language pathology tool

A. Diagnostic applications

1. Assessing access, i.e., keyboard, mouse, touchscreen, switch input, etc.
2. Assessing representational recognition, i.e., photo's, picture symbols, text
 - a. Type
 - b. Size
 - c. Arrangement – number presented, spacing, # of rows + columns, etc.
3. Language assessment
4. Readiness for augmentative communication

B. Communication training applications

1. Cause and effect
2. Access
3. Choice making
4. Sound recognition
5. Auditory discrimination
6. Articulation
7. Language development
8. Symbol recognition
9. Literacy development
10. Aug. Comm. message selection/generation techniques
 - a. Picture-based: Single shot, levels, dynamic display
 - b. Tex-based: Spelling, word prediction
11. Pragmatic/topical communication/language events – create/use activities for any applicable teaching/communication situation
 - a. Self, family, friends
 - b. Mealtime
 - c. Weather
 - d. Circle time
 - e. Basic care
 - f. Health
 - g. Educational subjects
 - h. Vocational activities
 - i. Leisure interests
12. and many, many, more

VI. Summary

1. **ICS-4** is a communication development/intervention activity creation tool for many applications and any level
2. **ICS-4** may be used as simply or as sophisticated as desired
3. **ICS-4** permits the creation of new activities as well as the usage of thousands of pre-existing activities