TKB Before "Class" Starts...

- Make sure your foldables are filled in Day 1
 -Day 3. Review with your Core Group or Chat Chum.
- ➤ Jack will show you how to score your student the CAS Rating Scale later this morning after Successive Processing.

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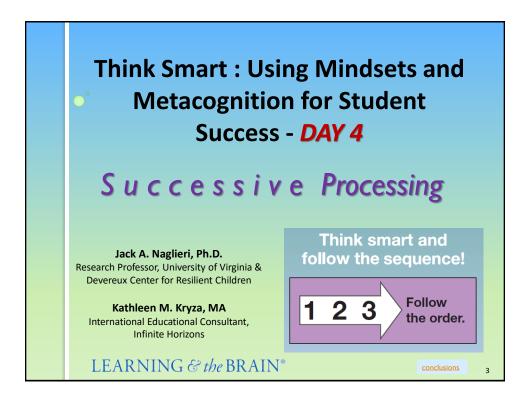
conclusion

Growth Mindsets Sesame Street

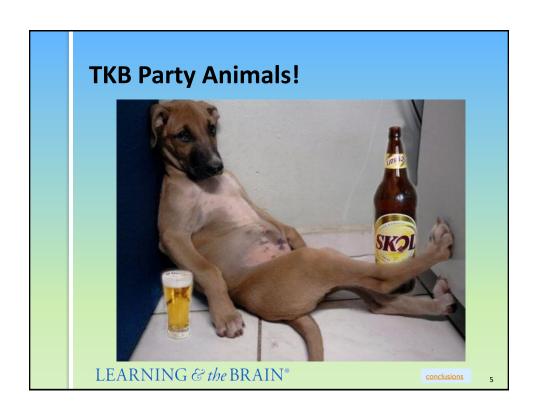
>Add video

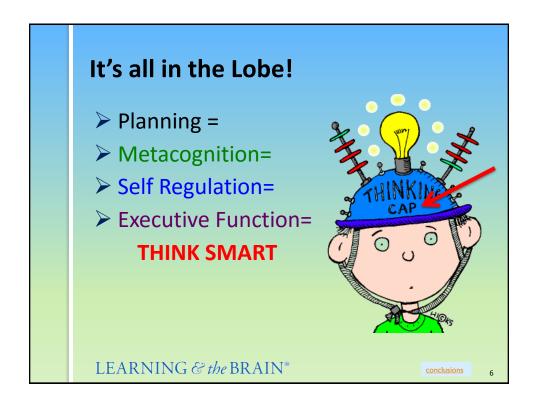
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Here's Where We're Going...

- Introduction/Routines and Procedures
- PASS & Learning
 - Attention & Instruction
 - Simultaneous & Instruction
- > How to Start a Movement
- Closing Thoughts



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onclusions

How to Start a Movement...

>Add video

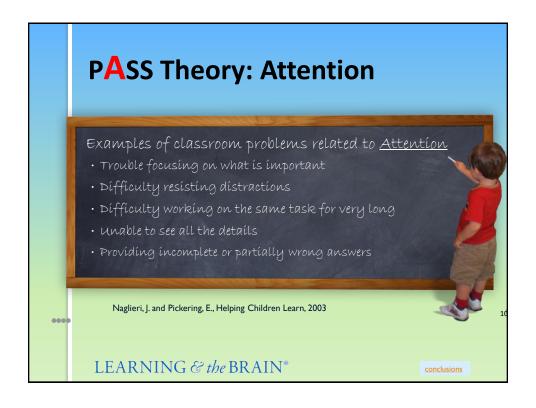
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conclusions

Start a Movement: It's Organic! Meet at lunch. We will all talk and brainstorm ideas together.

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conclusion



ATTENTION CASE STUDY: FRANKIE





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11

Frankie - Attention CW

- Referred by parents (at age 11) after a history of reading difficulties and self esteem problems
- ➤ Cognitive Assessment System
- ➤WJ-R, WRAT-3, PPVT-III
- ➤ Behavioral/Emotional
 - Devereux Scales of Mental Disorders
- ➤ Self Concept
 - Bracken Multidimensional Self Concept Scale

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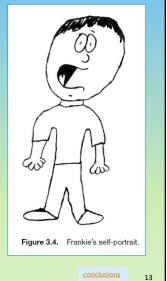


conclusions

Frankie

- ➤ High level of anxiety
 - he was too anxious to look closely at the words, and he would rather get the task completed and move on.
 - Frankie could not attend to the details of the sequence of letters for correct spelling, and the order of sound symbol associations

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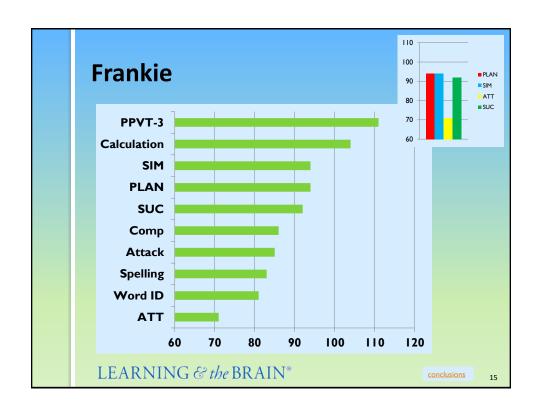


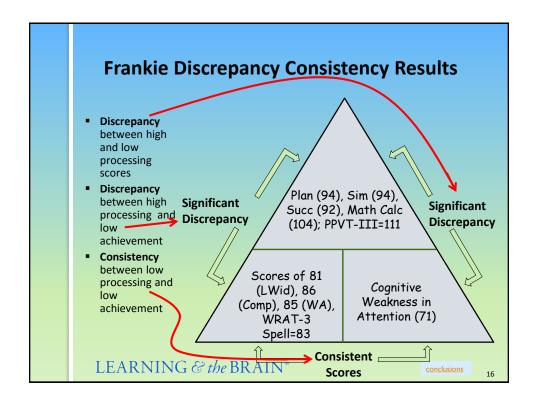
Frankie

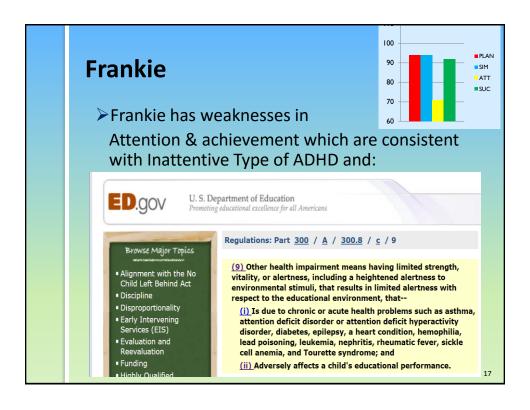
Tests	Score	%tile
Letter-Word Id	81	10
Passage Comp	86	17
Word Attack	85	16
Spelling	83	13
Calculation	104	60
PPVT-III	111	82

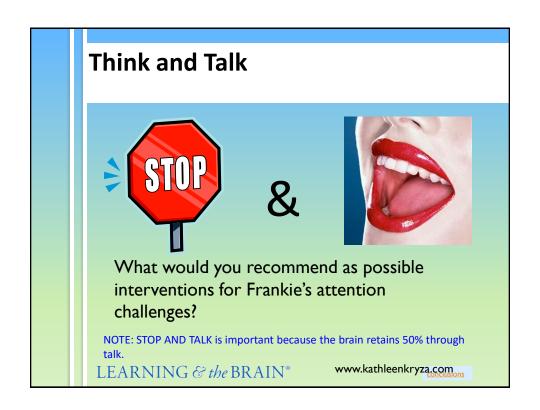
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conclusions









Intervention Protocol

- Help child understand their PASS strengths and areas of challenges (Intentional & Transparent)
- Encourage Motivation & Persistence (Mindsets)
- ➤ Teach/Stress strategies for approaching tasks (Skill Sets)
 - Student generated
 - Model and Scaffold as needed
- ➤ Encourage independence and self efficacy (Metacognition/Self Assessment)

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conclusions

19

What Should Teachers & Parents do?

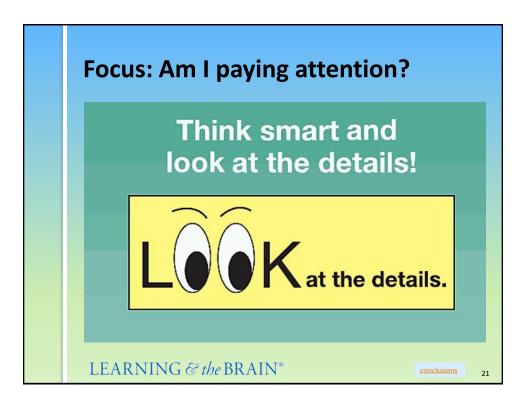
How to Teach Students to Attend

Think smart and look at the details!

Figure 1. A graphic that reminds students to focus on informatio being discussed. The first step in teaching children about their own abilities is to explain that they have many different types of abilities and that Attention is one of them. They also need to be aware of when their attention is focused and they are resisting distractions, as well as when it is divided among too many things, which leaves them unfocused and overloaded. In Figure 1 (which also appears in the PASS poster on the CD), we provide a fast and simple message: "Think smart and look at the details!" During appropriate times during the day, remind students to closely attend to information being discussed. We need to teach children to approach all their work with an understanding of how well they are focused on the details and resisting distractions in their environment. Throughout the day, the teacher should

- Teach children to be aware of their level of attention and resistance to distraction.
 Encourage children by asking: "Are you able to focus?" or "Are you getting distracted?"
- 3. Remind the students that Attention is necessary for reading, writing, and arithmetic, as well as in sports, playing a musical instrument, driving a car, and so forth.
- 4. Teach children that they may have to modify their environment so that they can attend better.
- 5. Remind students that learning requires attention to detail and resisting distractions.





Frankie

Help Frankie better manage his attention problem

Overcoming Problems with Inattention

Attention is the process a person uses to focus thinking on a particular stimulus while ignoring others. Throughout a school day, a student must pay attention to the teacher, the instructions being given, what must be done, and what specific materials are needed, while ignoring other students talking, students playing outside the window, and a cart rolling by in the hall. Attention processes allow a child to selectively focus on things heard or seen and resist being distracted by irrelevant sights and sounds. Focused attention is direct concentration on something, such as a specific math problem. Selective attention involves the resistance to distraction, such as listening to the teacher and not the cart in the hall. Sustained attention is continued focus over time.

Some children have difficulty with focused thinking and resisting distractions. These children fit the description of attention-deficit/hyperactivity disorder (ADHD), predominantly inattentive type (American Psychiatric Association, 2000). Children with the inattentive type of ADHD are different from those with the predominantly hyperactive-impulsive type of ADHD, which is described by Barkley and Murphy (1998) as a delay in the development of inhibition, disturbed self-regulation, and poor organization over time. Onlidern with DAID, hyperactive-impulsive type cannot control their behavior and have inattention problems that are related to a failure in the process of planning on the Cognitive Assessment System (CAS; Naglieri, 1999).

How to Help a Child Overcome Problems with Inattention

The first step is to help the child understand the nature of his or her Attention problems, including

- 1. Concepts such as Attention, resistance to distraction, and control of Attention
- Recognition of how Attention affects daily functioning Recognition that the deficit can be overcome
- 4. Basic elements of the control program

Second, teachers and parents can help the child improve his or her motivation and persistence:

- Promote success via small steps.
 Ensure success at school and at home.
- Allow for oral responses to tests.

- Allow for oral responses to tests.
 Circumvent reading whenever possible.
 Teach rules for approaching tasks.
 Help the folial to define tasks accurately.
 Assess the child's knowledge of problems.
 Enourage the child to ound

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Frankie - Intervention

- Level I: Help child understand the deficit
 - Attention, resistance to distraction,
 - Recognition of how the deficit affects daily functioning
- Level II: Improve Motivation & Persistence
 - Promote success via small steps
 - Ensure success at school and at home
 - Allow for oral responses to tests to circumvent reading when possible

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conclusions

23

Frankie - Intervention

- > Teach rules for approaching tasks
 - Define tasks accurately
 - Assess child's knowledge of the problem
 - Consider ALL possible solutions
 - Evaluate value of all possible solutions
 - Checking work carefully is required
 - Correct your own test strategy (see Pressley & Woloshyn, 1995, p. 140).

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conclusions

Frankie - Intervention

- Discourage passivity / encourage independence
 - Teacher should only provide as much assistance as is needed
 - Discourage exclusive use of teacher's solutions
 - Child needs to correct own work
 - Child needs to learn to be self-reliant (Scheid, 1993).

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conclusions

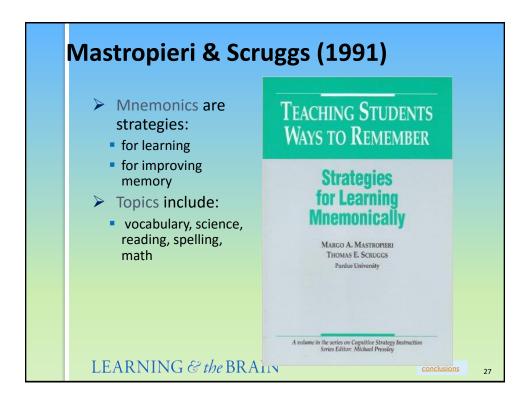
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Frankie – Intervention Social-Emotional

- ➤ Improve resilience and selfesteem – see Goldstein & Mather's book for suggestions
- Measure social-emotional competence in all students especially those who are experiencing learning problems
 - 72-item DESSA to find specific areas of need
 - · Universal screening with 8-item DESSA-mini

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Frankie

- **≻**Spelling
 - Strategies for Spelling (pp.102–103)
 - Segmenting Words for Reading/Decoding and Spelling (p. 89)
- These are designed to help him perform better when tasks require a lot of Successive processing.

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onclusions

Frankie - Use Planning Strength

Strategies for Spelling

Spelling is an activity that requires the recall of specific letters in order and combining sounds with openings an activity that requires the recall of specific retires in robust and combining sources with letter groups so that words can be recognized. Good spellers are skilled at memorizing how to correctly spell words even when the words are difficult or unpredictable. Often, spelling lists are given and students write the words over and over or rewrite them alphabetically. In order to make spelling easier for these students, give them a plan or strategy that includes various rules for spelling. A child who knows or has a coses to various spelling rules is likely to be able to spell many words correctly, rather than just the few that have been memorized. This intervention is in-tended to help students use certain rules or plans to spell words, particularly ones that are commonly misspelled or are spelled in a way other than how they sound.

When a child uses a rule or plan to spell, the answer is obtained by thinking (using the plan or rule), rather than just relying on remembering the string of letters. For example, a student may want to spell science but may not be sure of the order of the letters. If the child is taught the rule
"i before e except after c," then he or she is more likely to spell the word correctly. This strategy
changes the task from one that demands Successive processing to one that involves Planning.

How to Teach Strategies for Spelling

Following are a number of rules and strategies for spelling words. This list is not intended to be reviewing are at niting to the said stategies of specifing Words. This is a for little each of several training are at niting to the major rules used for spelling. These rules may be varied, and the more memorable they are for the student, the more likely they are to be used (see the Mnemonics for Spelling handout [p. 101] for additional interventions). Students also need to understand that these are rules of thumb, and in some cases the rules do not work for every

- Write i before e except after c (e.g., receive, perceive, field, believe, niece, siege).
- The letter of is always written with u and sounds like "kw."

 The vowel y, not i, is used at the end of English words (e.g., my).

 The majority of nouns in English form their plural by simply adding a final -s.
- Nouns that end with -s, -z, -x, -sh, -ch, and -o form their plural by adding -es (e.g., glasses, buzzes, buzzes, bushes, switches, potatoes, heroes). Some exceptions include studios, planos, kangaroos, and zoos.

 To form plurals for nouns that end in a consonant and -y, change -y to -i and add -es
- (e.g., babies, spies, puppies).
- To form plurals for nouns that end in -f or -fe, change the -f to -v and add -es (e.g..

- When a two-syllable word ends with a v final syllable, double the final consonan admitting).
- admitting).

 Words with a silent final e are written with with a vowel (e.g., having, writing, biking).

 After a single vowel at the end of a one-s doubled (e.g., full, puff, pass).

 The letter s never follows the letter x (e.g., All is written with one I when added to an event with the letter specific passion.

 When added to another syllable, till and file.

- The letter z. never s. is used for the "z"
- zipper). Words beginning with a vowel and endir added or when a y is added (e.g., desire There are some exceptions to this gener · Only one word ends in -sede: supersed
- proceed, succeed. All other words endir precede, recede.

Some Other Strategies

- Take the word apart. Break down words at the word competition. Why is it spelled petition is a petition of two or more peop jective. You get the correct spelling by direction of two prefixes. A prefix is a letter or gro
- a word has a prefix, imagine that there is and you can generally see the correct sp consists of dis-play. A word that is comb root word begins with s, but only uses a
- dissatisfy).

 Identify suffixes. When a word has a suffix you can often use a strategy similar to the the word and the suffix, then double the I with the same sound (e.g., actual-ly, sou are different (e.g., sincere-ly, clever-n

Frankie - Use Planning Strength

➤ This strategy helps him organize the sequence of sounds and letters thereby focus is achieved

Segmenting Words for Reading/Decoding and Spelling

Decoding a written word requires the person to make sense out of printed letters and words and to translate letter sequences into sounds. This demands understanding the sounds that letters represent and how letters work together to make sounds. Sometimes words can be segmented into parts for easier and faster reading. The word into is a good example because it contains two words that a child may already know: in and to. Segmenting words can be a helpful strategy for reading as well as spelling.

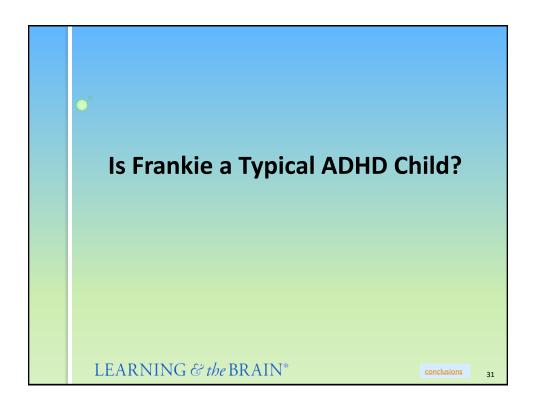
How to Teach Segmenting Words

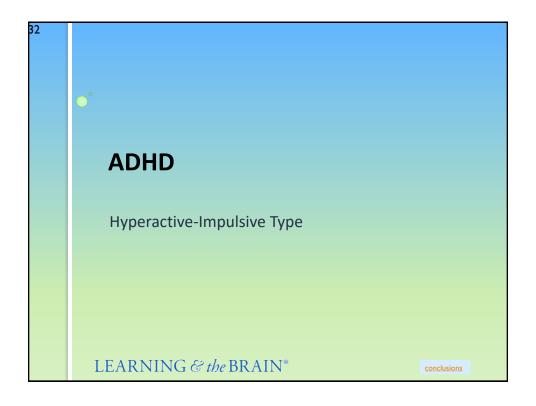
Segmenting words is an effective strategy to help students read and spell. By dividing the words into groups, students also learn about how words are constructed and how the parts are related to one another. Students should be taught that words can be broken down into segments or chunks. The teacher should present the following methods in a direct and explicit manner

- Take the word apart. Break down the word into its component parts or syllables. For example, look at the word reshaped. It includes the main word shape with the prefix reand the ending -d. Knowing that the main word shape has re and d added makes it easier to recognize than to try and sound out r-e-s-h-a-p-e-d.
- Identify prefixes. A prefix is a letter or group of letters at the beginning of a word. When a word has a prefix, imagine that there is a hyphen between the word and the prefix, and you can usually see the main word. For example, misstep includes the prefix misand the word step that are simply put together.
- Identify suffixes. Similarly, when a word has a suffix (i.e., a letter or group of letters at the end), you can often use a strategy similar to the prefix strategy. Just imagine a hyphen between the word and the suffix (e.g., heart-less).

Who Should Learn This Technique?

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Case of Christopher - Is He ADHD?

- Problems
 - behavior problems
 - impulsive & disorganized
 - forgets assignments
 - can't stay on task
 - poor grades
- Clinical Observations
 - anxious about testing
 - used simple strategies
 - did sloppy work

- control problems (threw pencil when frustrated)
- impulsive choices made
- RESULTS
- CBCL Externalizing = 68
 - failure in control, impulsivity problems, arguing, attentiongetting behaviors.

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33

conclusions

Case of Christopher (continued)

➤ WISC-III (FS = 106)

VC = 114 PO = 102

FD = 96 PS = 94

- >WJ-Achievement
 - Broad Reading = 106
 - Comprehension = 117
 - Word Attack = 108
 - Dictation = 82
 - Broad Math = 100
 - Applied Problems = 93
 - · Calculation = 86

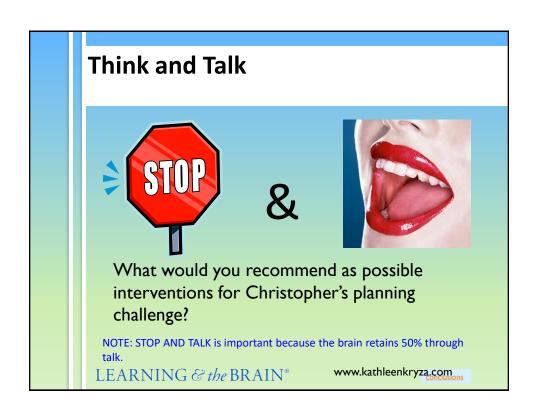
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Intervention Protocol

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conclusions



Intervention Protocol

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conclusions

37

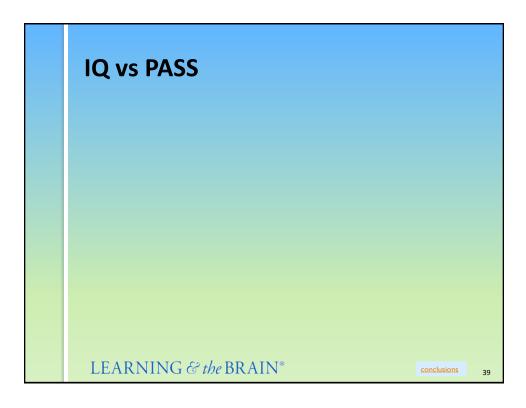
Helping Children Learn

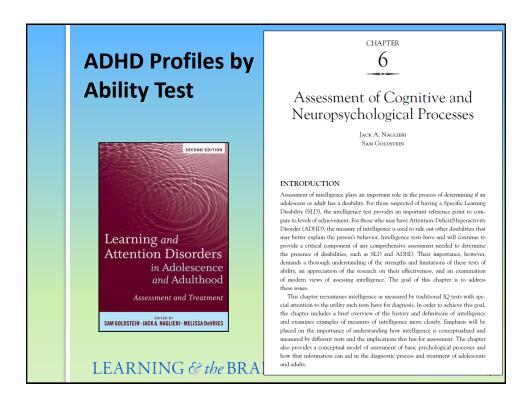
- **▶** Planning Facilitation
- ➤ Plans for Basic Math Facts
- ➤ Touch Math for Calculation
- ➤ Seven Step Strategy for Math Word Problems
- Chunking Strategy for Multiplication
- ➤Other ideas?

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38

conclusions





Naglieri & Goldstein (2011)

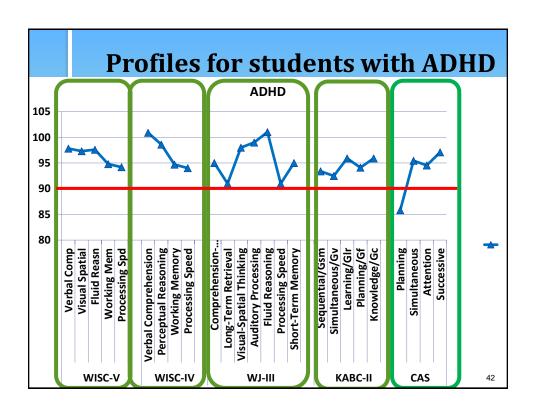
GROUP PROFILES BY ABILITY TEST

Because ability tests play such an important role in the diagnostic process, it is crucial to understand the sensitivity each test may have to any unique characteristics of those with an SLD or attention deficit. Clinicians need to know if an adolescent or adult has a specific deficit in ability that is related to a specific academic learning problem. There has been considerable research on, for example, Wechsler subtest profile analysis, and most researchers conclude that no profile has diagnostic utility for individuals with SLD or ADHD (Kavale & Forness, 1995). The failure of subtest profiles has led some to argue (e.g., Naglieri, 1999) that scale, rather than subtest, variability should

1. We need to know if intelligence tests yield distinctive profiles

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2. Subtest profile analysis is UNSUPPORTED so use scale profiles instead



Canivez & Gaboury (2010)

the present study demonstrated the potential of the CAS to correctly identify students who demonstrated behaviors consistent with ADHD diagnosis."

Cognitive Assessment System Construct and Diagnostic Utility in Assessing ADHD

Gary L. Canivez

Allison R. Gaboury

Paper presented at the 2010 Annual Convention of the American Psychological Association, San Diego, CA

Correspondence concerning this paper should be addressed to Gary L. Canivez, Ph.D., Department of Psychology, Eastern Illinois, University, 800 Lincoin Avenue, Charleston, II. 4079-5099. Dr. Canivez can also be contacted wit Formal as pleasured given the World Wile We be a depay lower and incordis—gleanor. This formalism also these does a measurempt precedity substituted for

The Dav-Seglent Cognitive Assessment Science (CAS, Seglent & Batt, 1997) is a new of cognitive abilities or intelligence to sense for the Phaseage, framers, finations, fination

The Das-Naglari Cognitive Assessment System (CAS, Naglari & Das, 1977) is a test of cognitive addition or intelligence based on the Planning, Americon, Simultaneous, and Sociessors (Perol, PoSS, Das, Naglari, & Rabin, 1984) which inself is based on Linta's Functional Systems of the Cognitive Company of the Cognitive Cognitiv

Specificity 9 58, Negative Predictive Power = 500, While a member of CAS states regularing admiss with ADIDI have custimed distinct group differences and found support (Cornfell, 2002; Nighter, 6 days, 1987; Nighter, Kohlent, Islama, & Schwebach, 2002; Nighter, Salter, & Fellewick, Long, 1987; Nighter, 1988; Nighter, Salter, & Fellewick, 1988; Nighter, 2005; Nighter, Salter, & Fellewick, 1988; Nighter, 2005; Nighter, Salter, & Fellewick, 1989; Nighter, 1989; Nighter, Salter, & Fellewick, 1989; Nighter, 1989; Nighter, Salter, & Fellewick, 1989; Nighter, 1989; Nig

M

Informed parental consent was obtained for a final sample of 40 students from elementary school in suburban Pierce County, Washington, ranging from kindergarien to second grade. Groups consisted of children moeting diagnostic criteria for ADEID (# = 20) and a group of children who were randomly selected and matched (to the extent possible) on key

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43

LET'S TAKE A BRAIN BREAK or Syn-Nap

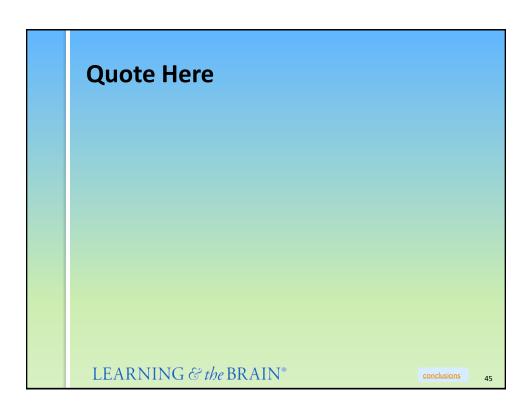


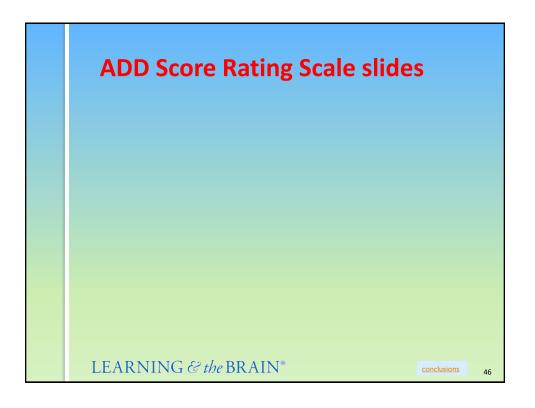
The brain needs time to process!

- Stretch
- Cross Laterals
- Walk and Talk
- Energizers
- Relaxers



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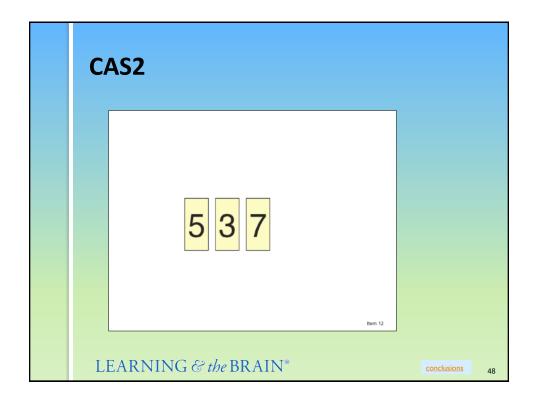


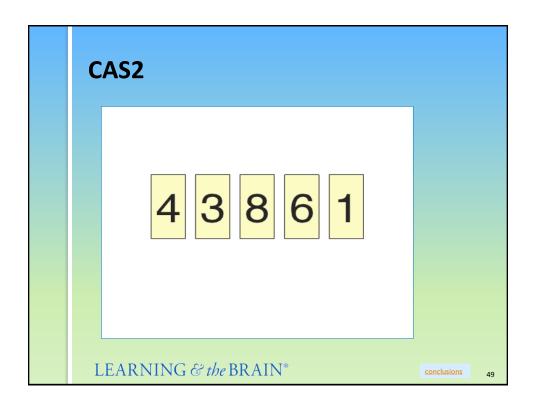
Let's Take a TEST!

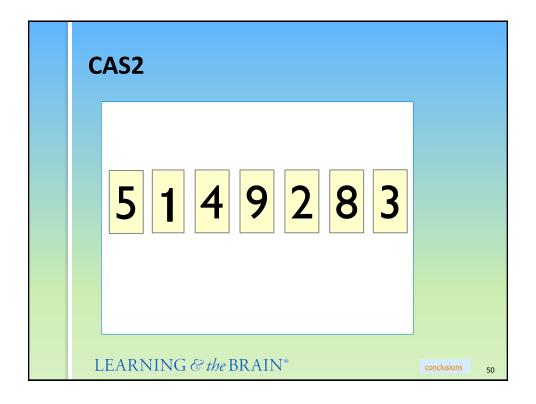
- First a word repetition test
- ➤ I will say some words and you need to write them in order -- AFTER I finish the saying the words.
- Next, I'll show you numbers, then take them away, and you need to write them in order

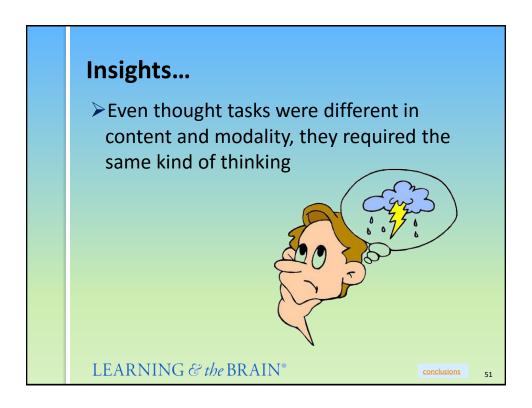
LEARNING & the BRAIN®

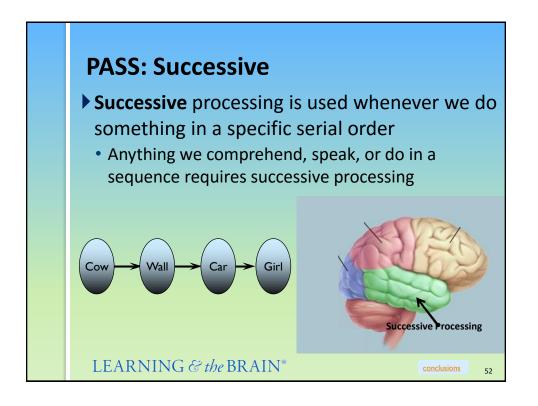
conclusions











PASS Theory: Successive

- ▶ Successive processing is used when information is in a specific serial order
 - Decoding words
 - Letter-sound correspondence
 - Phonological tasks
 - Understanding the syntax of sentences
 - Comprehension of written instructions
 - Sequence of words, sentences, paragraphs
 - Remembering the sequence of events in a story that was read

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53

CAS2: Rating Scale Successive Directions for Items 31-40. These questions ask how well the child or adolescent remembers things in order. The questions ask about working with numbers, words, or ideas in a series. The questions also ask about doing things in a certain order. Please rate how well the child or adolescent works with things in a specific order. During the past month, how often did the child or adolescent . . . 31. recall a phone number after hearing it? 32. remember a list of words? 33. sound out hard words? 34. correctly repeat long, new words? 35. remember how to spell long words after seeing them once? 36. imitate a long sequence of sounds? 37. recall a summary of ideas word for word? 38. repeat long words easily? 39. repeat sentences easily, even if unsure of their meaning? 40. follow three to four directions given in order? Successive Raw Score LEARNING & the BRAIN®

Successive: Word Series

- The child repeats a series of words in the same order the examiner says them
- 1. Wall-Car
- 2. Shoe-Key...
- 10. Cow-Wall-Car-Girl
- 11. Dog-Car-Girl-Shoe-Key...
- 27. Cow-Dog-Shoe-Wall-Man-Car- Girl-Key-Book

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55

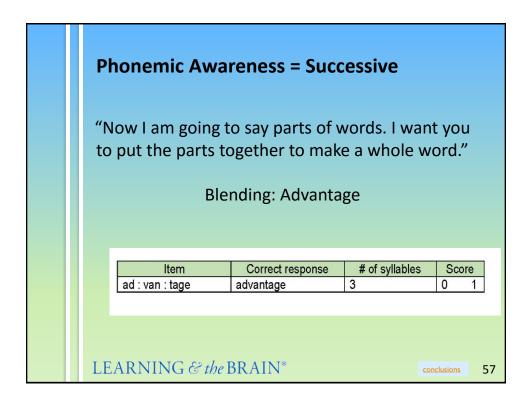
Successive and Syntax

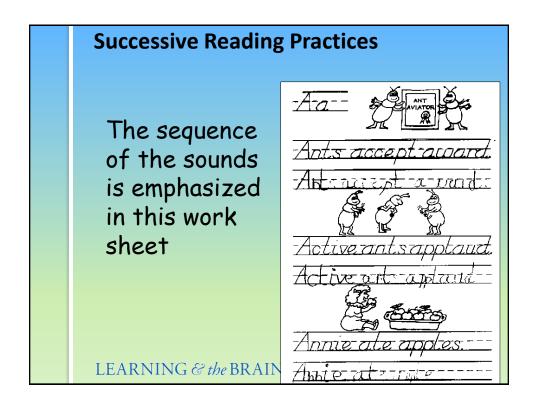
- > Sentence Repetition
 - Child repeats sentences exactly as stated by the examiner such as:
 - The red greened the blue with a yellow.

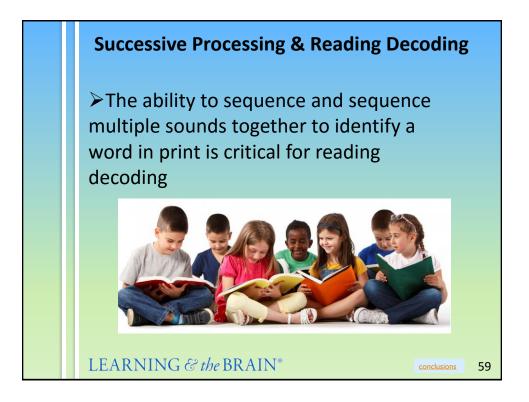
- Sentence Questions
 - Child answers a question about a statement made by the examiner such as the following:
 - The red greened the blue with a yellow. Who got greened?

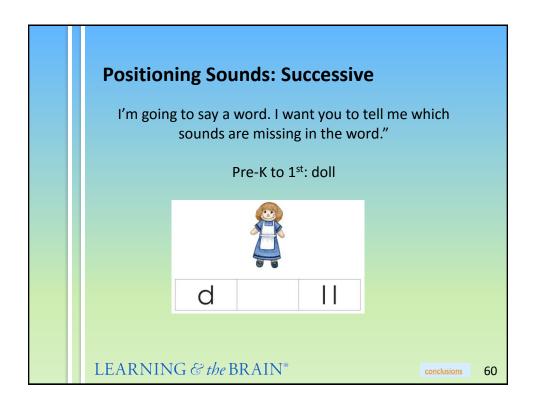
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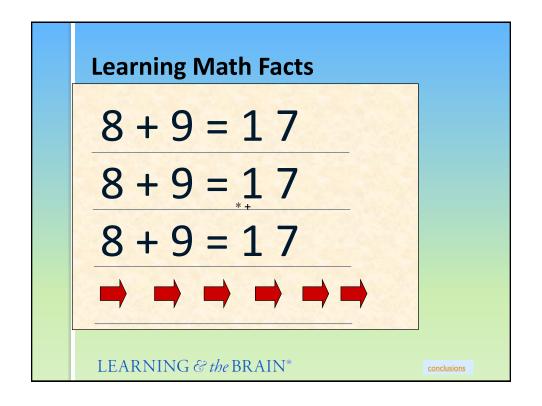


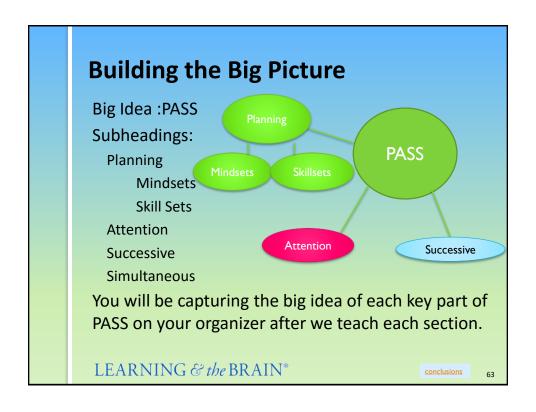


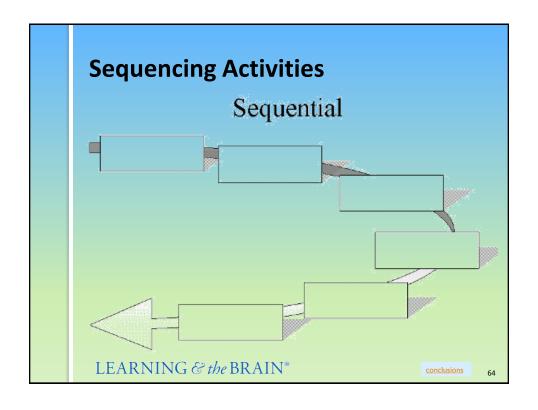




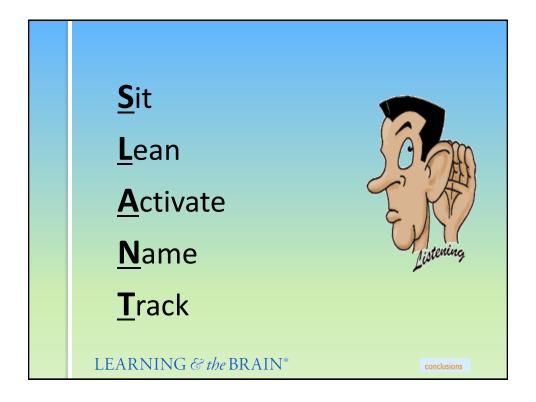


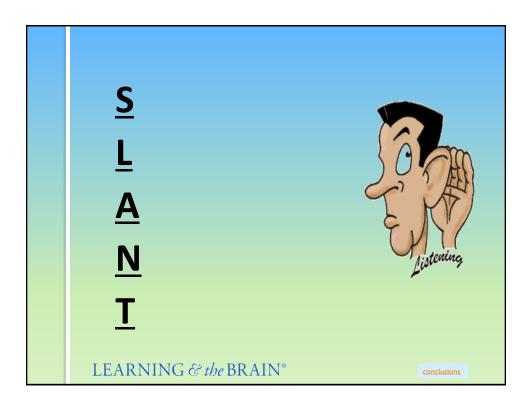


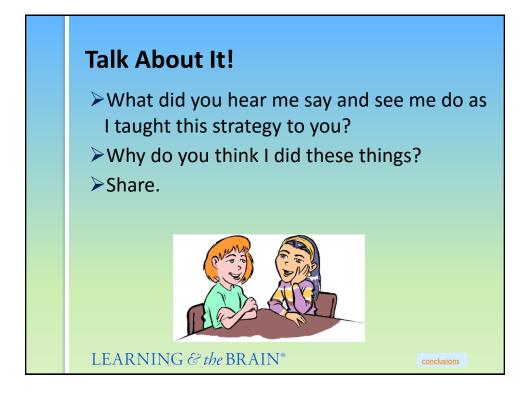




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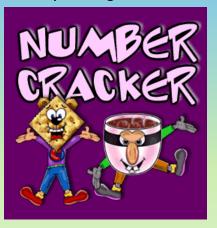


Math Sequencing

- Encouraging students to write out the steps for solving problems. (For example: Steps for solving addition and subtraction problems that include regrouping)
- Use a simple sheet of paper folded into four squares. Ask students to write the steps in order in the squares.

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Sequencing Games



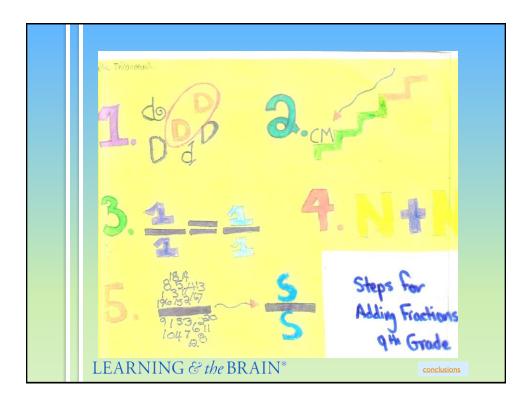
Adding Fractions Mnemonic

Your Assignment:



- You have been assigned to groups today based on your Multiple Intelligence strengths.
- With your group, create a memory trick using 2. your MI strength that would assist someone in remembering the steps of adding fractions.
- Share your creation with the rest of the class.

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Seven Easy Sequencing Tricks for Numbers

- ➤ Create associations.
- ➤ Break long numbers into smaller parts (3 is good)
- ➤ Look for patterns.
- > Learn actively.
- > Repeat it
- ➤ Visualize the shape the numbers make on a keypad.
- ➤ Convert numbers to words or images

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Study Tips For Learning Spelling Words

- ➤ Drastically mispronounce the word to help recall the spelling. For example, say /par-lee-uh-ment/ for parliament or /ton-goo/ for tongue. (Of course, if a child has trouble pronouncing the word in the first place, having them intentionally mispronounce it might be counterproductive!)
- For words with a silent letter, pronounce the silent letter to help remember it's there. For example, walk becomes /wallk/ and sign becomes /sigg-en/.
- Using a white board, print the word, but use a different color for the vowels so they stand out clearly

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conclusion

73

- ➤ Take note of the vowels in the word. Is there anything that stands out, such as there being all e's and no a's (such as in cemetery), or the vowels appear only in singles or pairs, or the vowels appear in alphabetical order, or every other letter is a vowel, etc.).
- ➤ Take note of any prefixes or suffixes. Separate those affixes from the main word when thinking about the spelling.
- ➤ Write out the word in full, then circle any smaller, recognizable words you see in it. For example, threadbare can be thought of as th• read bare and believe can be thought of as be• lie ve. (Of course, you can then go on to say, "Don't believe a lie," to help you remember that there's a lie in believe.)

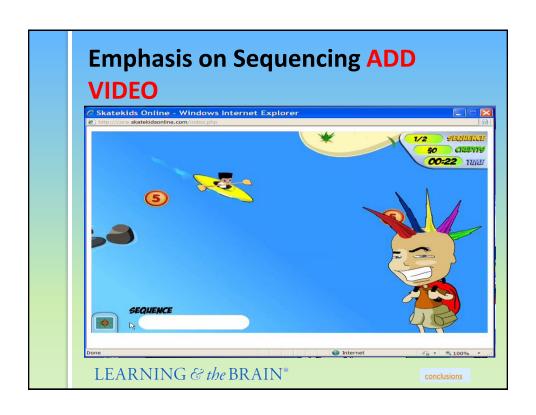
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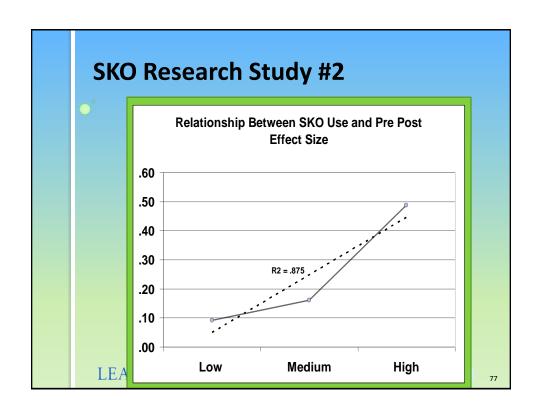
conclusions

- ➤ If there are no recognizable words (i.e. real words) in the larger words, then simply break the word up into chunks (or syllables if desired) that are easier to remember. Once the word is broken up, again it might be helpful to mispronounce the word by emphasizing the sound of those individual chunks.
- ➤ For some words, such as *license*, which has two /s/ sounds, take note of the order of the letters that say /s/. For example, in the word *license*, c comes before s, just as it does in the alphabet.
- ➤ 9. Circle any double letters, and, of course, take note of them. Again, mispronounce (overpronounce) the doubled letter to help remember it. For example, say hop ping (and maybe even picture a bunny named "Ping" hopping!

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conclusions







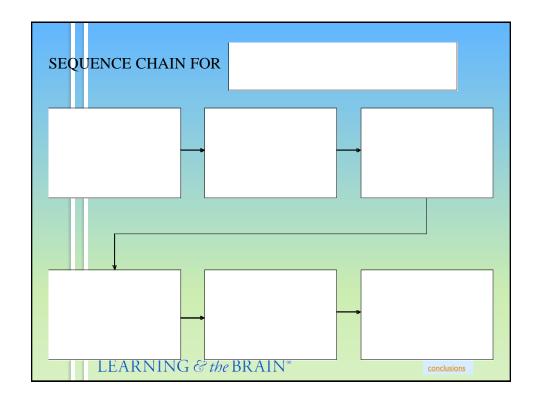
Mapping Into Writing

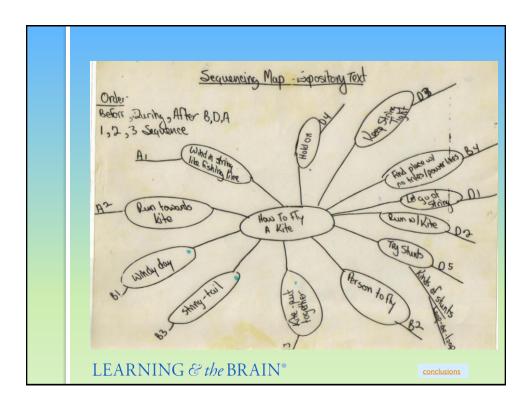
- ➤ If we want students to write effective nonfiction, we need to model and scaffold how to do the type of writing we require of them.
- ➤ Mapping for writing gives students a framework for organizing their thoughts.

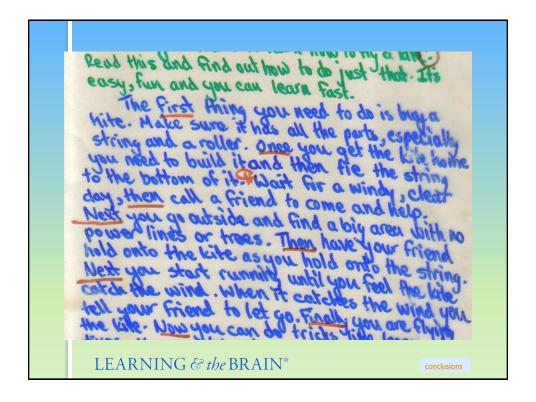
LEARNING & the BRAIN®

Pg. 33

conclusions







How to Make Mashed Potatoes By Chase y mashed Potatoes is my favorit

Eating mushy mashed Potatoes is my favorite thing to do. The best thing is that they are easy to make.

First you get out the potatoes. Then you peel the skin off the potatoes and put them in a pan with water. After you are done boiling the potatoes, then drain the potatoes and put them back in the pan. Now put butter and milk on them. Then you mash the potatoes. When you are done, you serve the potatoes. Then you eat them.

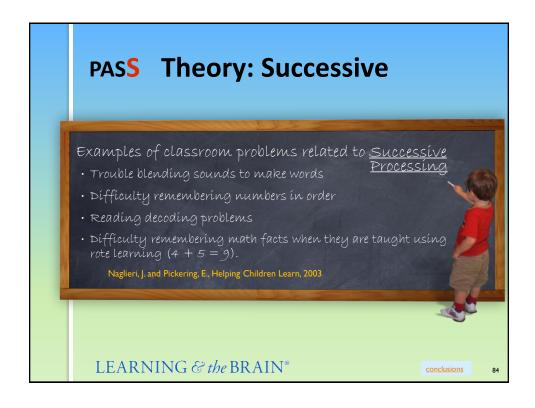
So go home and make your self some mashed potatoes. Follow the instructions I told you and they'll turn out just fine.





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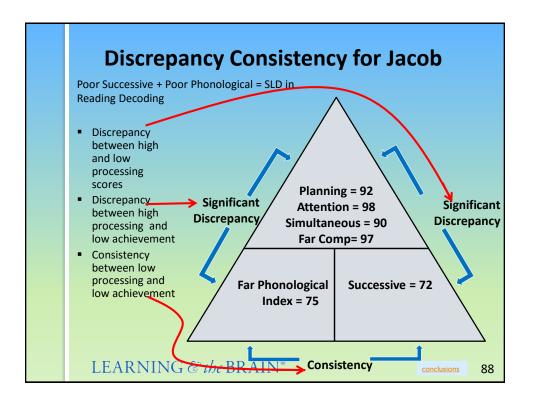
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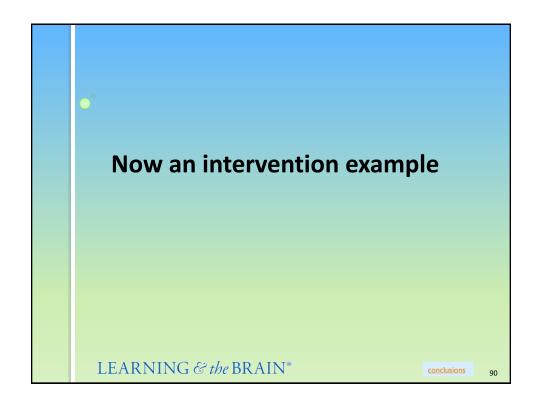
Presenting Concerns: Reading, Math Word Problems, Anxiety						
Presenting Concerns:	Reading, Wath	vvora Problems	, Anxiety			
WISCV	COMPOSITE SCORE	RANGE	PERCENTILE RANK			
Verbal Comprehension	89	Below Average	23%			
Visual Spatial	84	Below Average	14%			
Fluid Reasoning	82	Below Average	12%			
Working Memory	72	Very Low	3%			
Processing Speed	76	Very Low 6%				
FULL SCALE SCORE	81	Below Average 10%				
WIAT III Reading	87	Below Average 19%				
WIAT III Math	90	Average 25%				
WIAT III Writing	94	Average	34%			

CAS-2	COMPOSITE SCORE	RANGE	PERCENT RANK
Planning: the ability to apply a strategy, and self-monitor and self-correct performance while working toward a solution.	92	Average	30%
Attention: the ability to selectively focus on a stimulus while inhibiting responses from competing stimuli.	98	Average	45%
Simultaneous Processing- is the ability to reason and problem solve by integrating separate elements into a conceptual whole, and often requires strong visual-spatial problem solving skills.	90	Average	25%
Successive Processing- is the ability to put information into a serial order or particular sequence.	72	Very Low	3%
CAS-2 COMPOSITE SCORE	86	Below Average	18%

FAR index	Standard score (95% CI)	Percent	ile	Qualitative descriptor
Phonological Index	75	5%	Mode	rately Below Avera
Fluency Index	92	30%		Average
Mixed Index	81	10%		Below Average
Comprehension Index	97	42%		Average
FAR Total Index	84	14%	Below Average	
KEY INTERPRETATION		Score	Percentil e	Descriptor
Nonsense Word Decoding - requires the student to decode a series of nonsense words presented in order of increasing difficulty .			3%	Moderately Below
Irregular Word Reading Falist of phonologically irregular increasing difficulty in 60 seconds.	ar words arranged in orde		37%	Average



Successive Processing Interventions •Alphabetic Phonics (Orton-•Fast Forword II(Tallal) Gillingham) •Earobics I •Recipe for Reading Phono-Graphix •SRA Corrective Reading •Saxon Phonics Program Success for All •Earobics II •SIPPS Ladders to Literacy Lindamood Seeing Stars Fundations •Road to the Code **Program** •LEXIA Scott Foresman Early **Intervention Reading** •Horizons •Read Well •DISTAR (Reading Mastery) LEARNING & the BRAIN® 89 conclusions



The Case of Larry – Age 8 Years 8 months

Linda M. Einhorn-Marcoux, M.A., Examiner & Intervention Instructor

Naglieri, J. A. (in press). Best Practices in Linking Cognitive Assessment of Students with Learning Disabilities to Interventions in A. Thomas and J. Grimes (Eds.) *Best Practices in School Psychology* (Fifth Edition). Bethesda: NASP.

LEARNING & the BRAIN®

conclusions

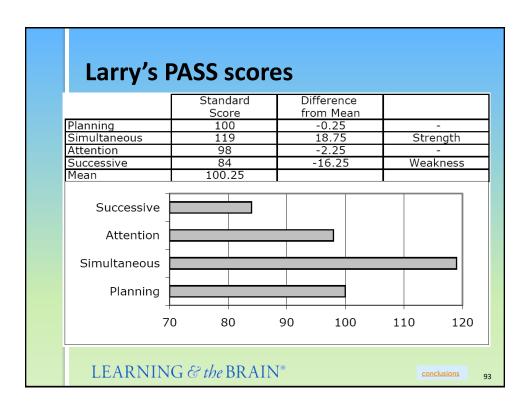
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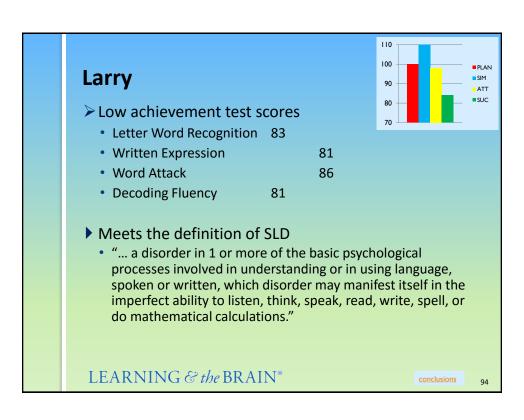
Case of Larry

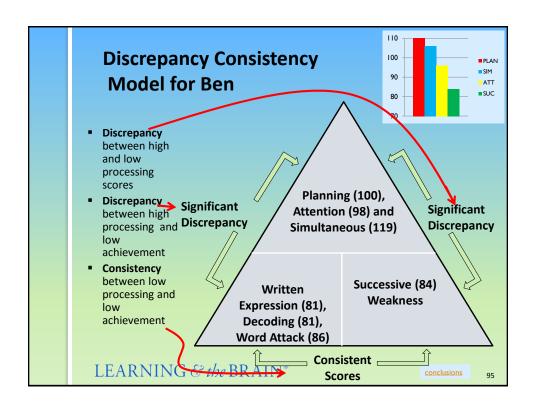
- Larry is a third grader who was evaluated because of parental concern about his chronic problems with spelling and written language
- Larry likes to read but he has spelling problems
- Larry frequently confused the letters b and d and often writes his numbers backwards and reads words backwards (mop as pom)
- Larry says certain words within his sentences out of order

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conclusions







Case of Larry

Teach him to recognize sequences

How to Teach Successive Processing Ability

The first step in teaching children about their own abilities is to explain what Successive processing ability is. In Figure 1 (which is included in the PASS poster on the CD), we provide a fast and

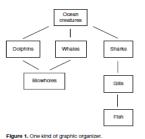
Think smart and follow the sequence! 1 2 3 Follow the order.

Figure 1. A graphic that helps students understand Successive processing.

simple message: "Think smart and follow the sequence!" We should begin by helping children realize that they have many different types of abilities and that Successive processing is one of them. During appropriate times during the day, remind students to closely attend to the sequence of information—when reading, presenting information in written text, examining the sequence of letters when doing spelling, solving math equations, and so forth. We need to teach children to approach all of their work with an understanding of how the information is sequenced. Throughout the day, the teacher should do the following:

Case of Larry – Use Simultaneous Strength

Graphic Organizers for Connecting and Remembering Information



Another type of graphic organizer is a Venn diagram, which uses circles to demonstrate how concepts are related. Figure 2 shows the same information as Figure 1, but in the form of a Venn diagram.

How to Teach Graphic Organizers

Graphic organizers are fairly simple to create. They need not be reserved for factual information. They can be used for activities such as exploring creative concepts, organizing writing, and developing language skills. The following four steps can be used to create a graphic organizer:

- Select information that you need to present to the child (which may be from a story, a chapter, or any concept).
- Determine the key components that are necessary for the child to learn.

Helping Children Learn: Intervention Handouts for Use in School and at Home, Second Edition, by Jack A. Naglierl & Eric B. Pickering Copyright © 2010 by Paul H. Brookes Publishing Co., Inc. All rights reserved.

Case of Larry

Teach him to use Sequencing strategies

Chunking for Reading/Decoding

Readi stand auena more easily

Segmenting Words for Reading/Decoding and Spelling

units t

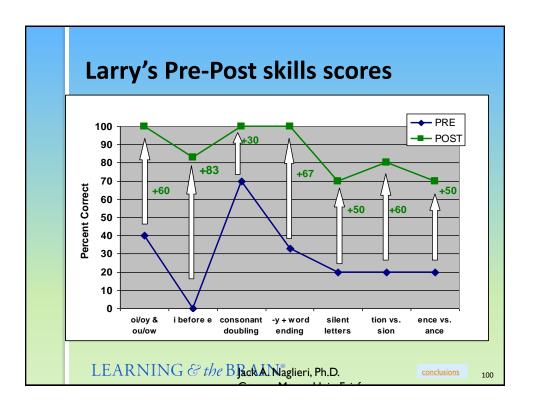
Decoding a written word requires the person to make sense out of printed letters and word How to translate letter sequences into sounds. This demands understanding the sounds that let represent and how letters work together to make sounds. Sometimes words can be segm Teach into parts for easier and faster reading. The word into is a good example because it contain words that a child may already know: in and to. Segmenting words can be a helpful strateg reading as well as spelling.

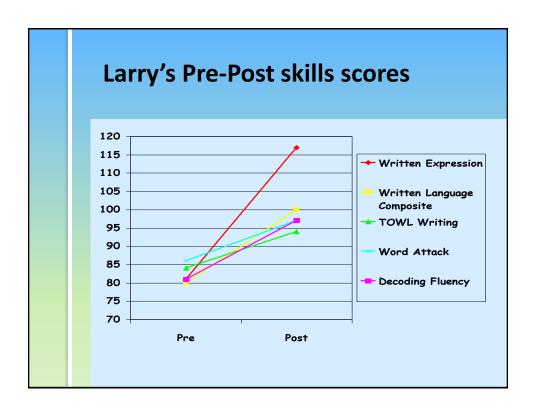
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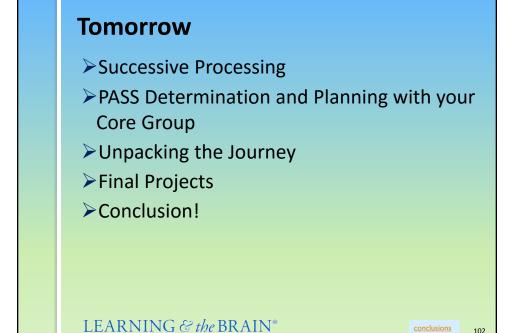
Looks How to Teach Segmenting Words

Segmenting words is an effective strategy to help students read and spell. By dividing the









conclusions

