2008 Winter Conference

Kake City Schools:

What is working for us?

http://www.kakeschools.com/

Everyday Math

- *Everyday Mathematics* is a comprehensive pre-kindergarten through 6th grade mathematics curriculum developed by the University of Chicago School Mathematics Project, and published by Wright GroupMcGraw-Hill.
- K-6 *Everyday Mathematics* curriculum includes the following mathematical strands:
  - Algebra and Uses of Variables
  - Data and Chance
  - Geometry and Spatial Sense
  - Measures and Measurement
  - Numeration and Order
  - Patterns, Functions, and Sequences
  - Operations
  - Reference Frames

Everyday Math

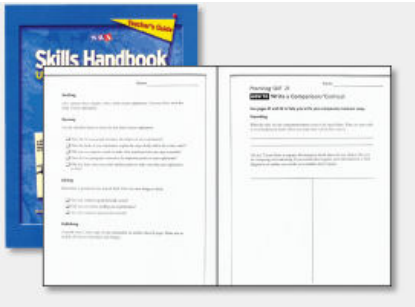
- Many *Everyday Mathematics* instructional components are open-ended in nature and are easily adapted to use in a **multiage classroom**. These components include math messages, math boxes, games, and explorations.
- **Parent involvement**: Send home the Parent Letters included with the curriculum.
- Real-life Problem Solving
- Whole-group instruction as well as small group, partner, or individual activities,
- Emphasis on Communication: Student explain themselves with written and oral communication
- Multiple Methods of Practice: mental math routines, practice with fact triangles (flash cards of fact families), daily sets of review problems called math boxes, homework, timed tests and a wide variety of math games.
- http://everydaymath.uchicago.edu/index.shtml

SRA Program

- Reading, Science, and Social Studies units are integrated. Students are able to learn about spiders in their reading program as well as learn to read charts and maps in their science books.
- https://www.sraonline.com

SRA Reading Mastery

- ***Reading Mastery Plus***
  - explicit instruction and guidance
  - Oral language, phonemic awareness, and systematic phonics are the starting point. Vocabulary development, fluency, and comprehension are fundamental throughout.
  - The program is set up so students are active participants that include group responses
  - Less-structured activities and opportunities for independent work help students develop self-reliance.
  - On-going assessment tools are used by the instructor to ensure that no student "falls though the cracks."



SRA Social Studies

- Students use social studies content as they develop and practice skills from across the curriculum (such as reading, writing, language arts, math, and geography), and each book contains specific test-taking strategies designed to help students develop techniques for analyzing and answering test questions.
- Sample Lesson for Skills Handbook: Using Social Studies
  - **Grade 1:**
    - How to Read a Chart
  - **Grade 2:**
    - How to Follow a Route
  - **Grade 3:**
    - How to Write a Comparison
  - **Grade 4:**
    - How to Take Notes
  - **Grade 5:**
    - How to Write a Biography
  - **Grade 6:**
    - How to Write a News Story

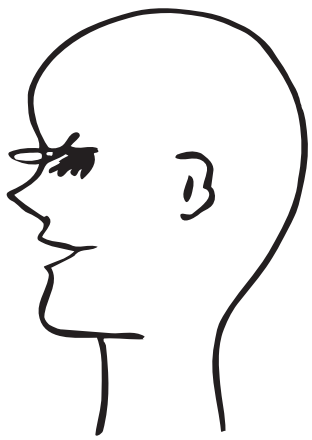
http://www.lindamoodbell.com/

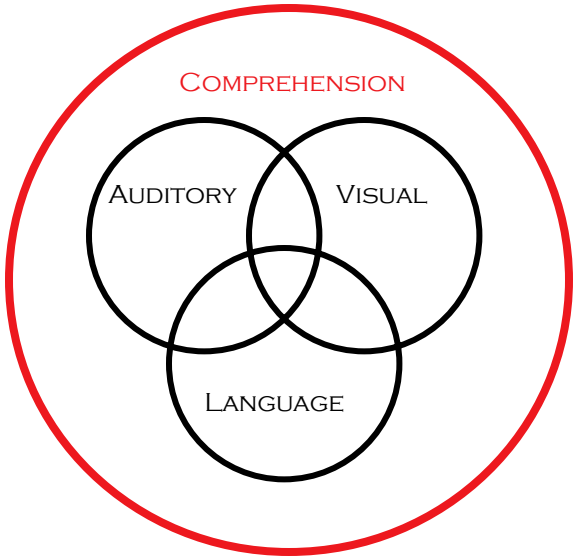
The Language Processing Spectrum:

A Two Sided Coin

Dyslexia — Hyperlexia — Autism

Lance — Michelle





Two types of imagery are related to the language processing spectrum—Symbol Imagery and Concept Imagery.

Process Based Education: Different Than a Reading Curriculum

Independence

↑

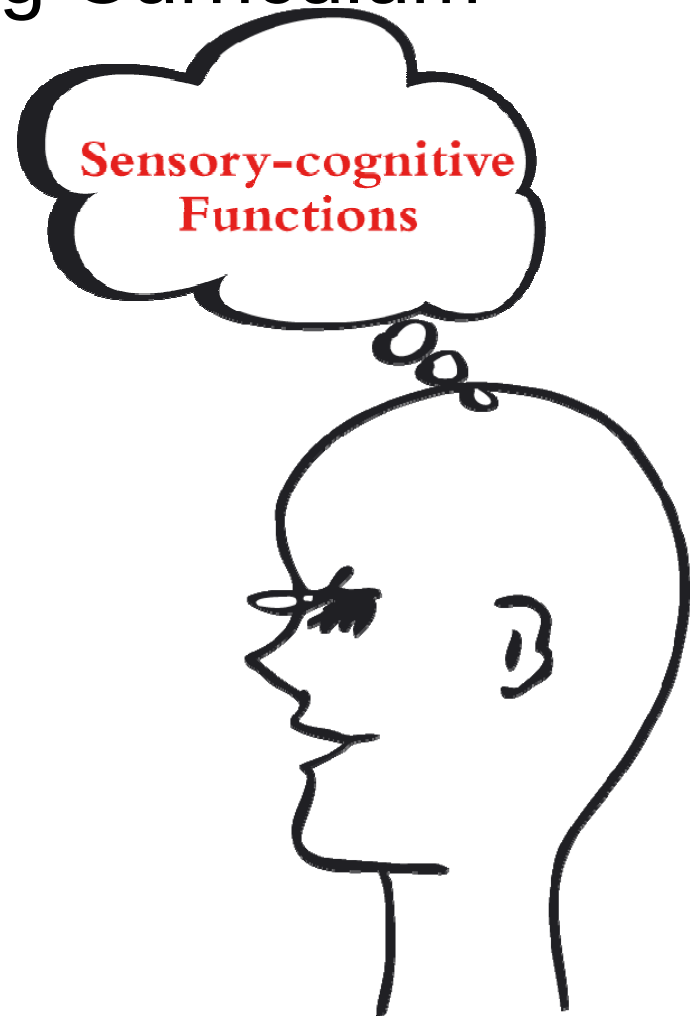
Self-correct

↑

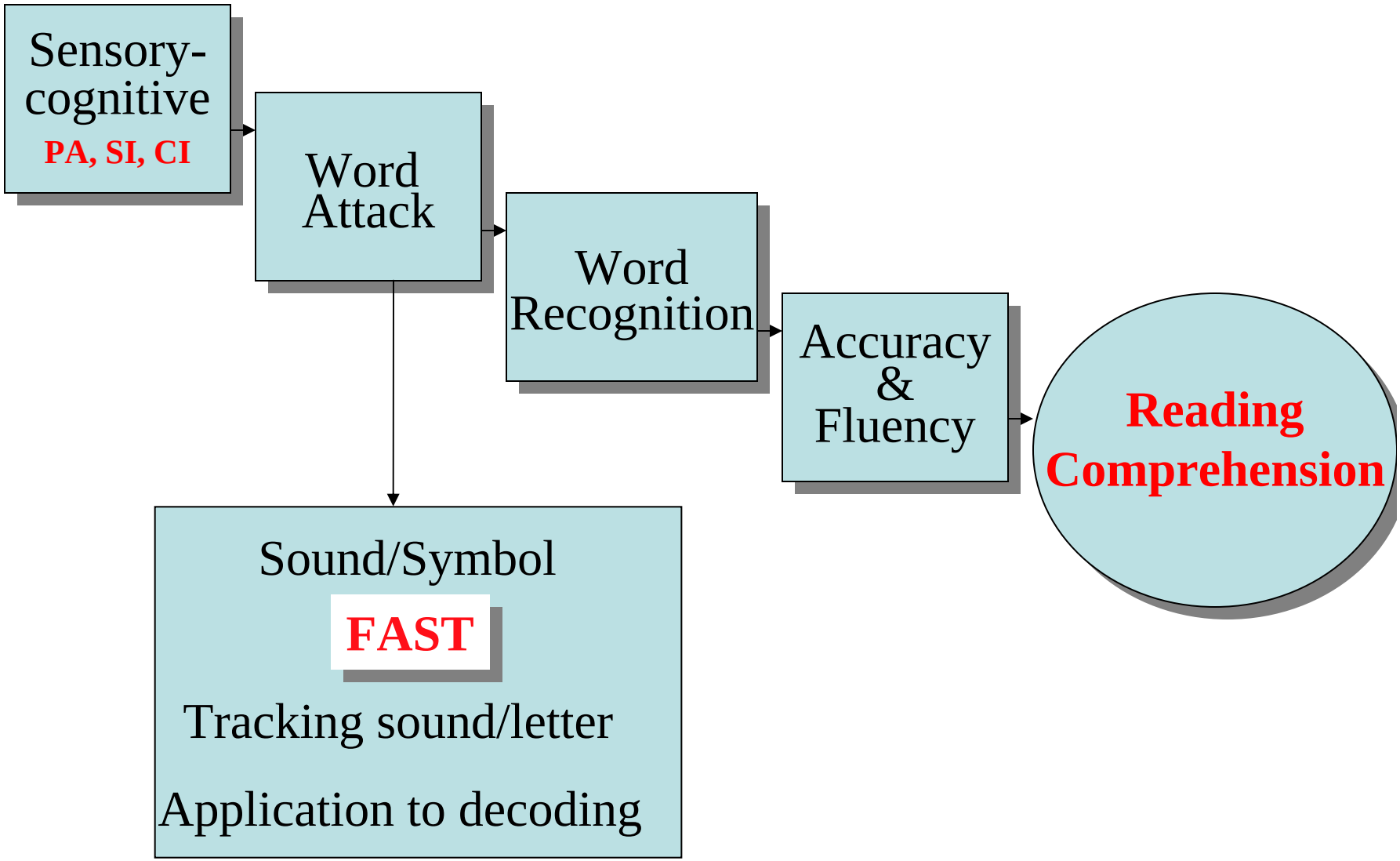
Monitor

↑

Sensory Input



Cascade for Reading Outcome



Kake City School District

Students Receiving Intensive Intervention

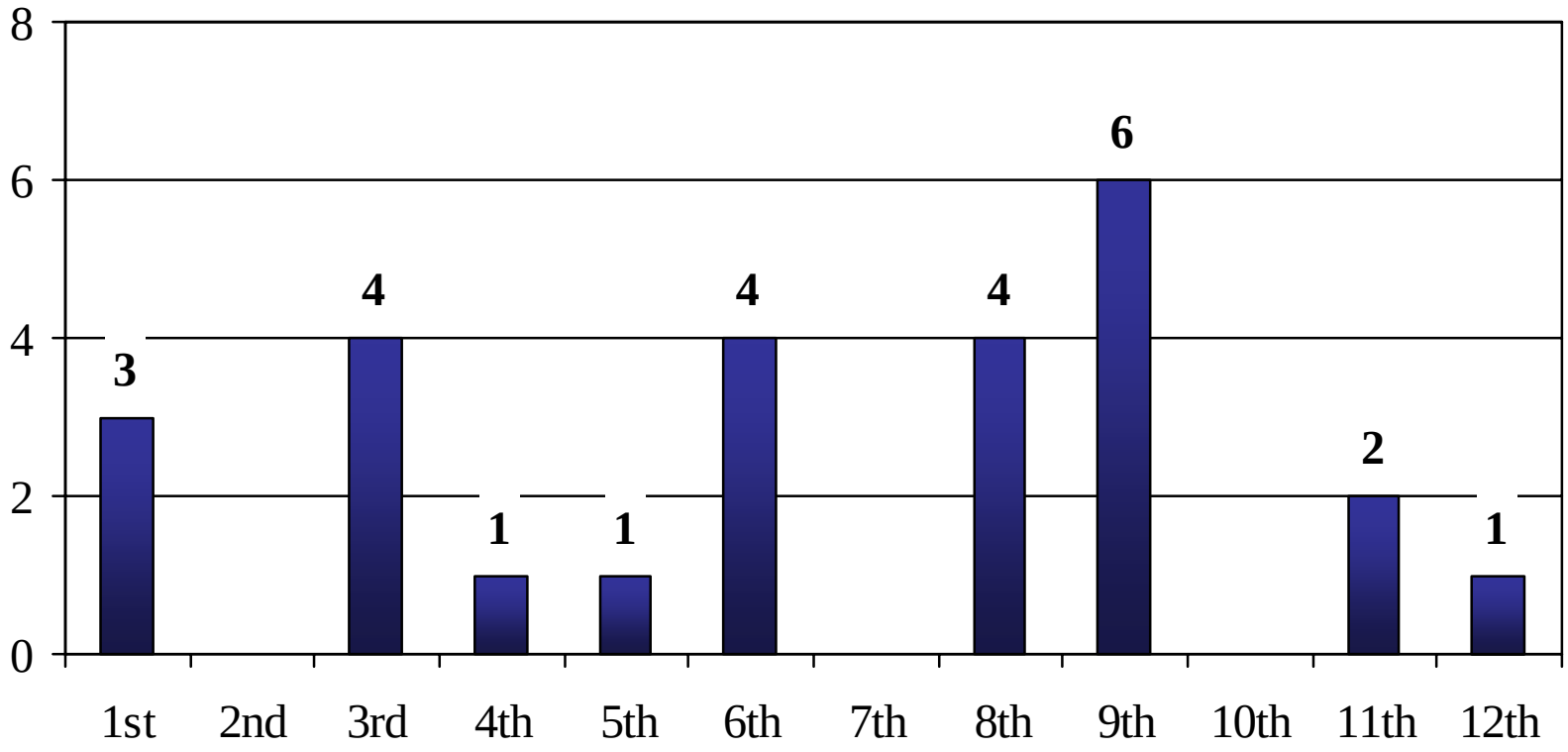
2006-2007

Demographics

Number of Students	26
Female	38%
Male	62%
Average Age	12.7
Pre-test Age Range	6.8 to 18.3
Median Grade Level	7.8
Grade Level Range	1.8 to 12.8
Average Hours of Instruction	43.4
Range of Instructional Hours	18 to 88

Kake City School District

Students Receiving Intensive Intervention by Grade Level



Teacher Collaboration

- Our school day on Friday is shortened; student dismissal after lunch at 1:00pm.
- During this time teachers and staff:
  - Review student progress in team meetings
  - Plan and organize extra activities
    - Holiday program, student activities
  - Receive Professional Development
    - Technology training, medical-first aid training, Lindamood-Bell training