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#### **Teaching Letter Knowledge**

Letter of the week instruction is based on tradition

- It takes 26 weeks for to cover the alphabet.
- Some letters are easier to learn than others.
- Some children already know some letters.
- · Repetition and practice are required for learning.

(Justice et al., 2006)



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# Meta-Analysis of Alphabet Learning and Instruction

- •Instruction in alphabet knowledge has modest effect
- \*Letter-name instruction led to significant impacts on letter-sound knowledge.
- Letter-sound (only) instruction led to letter-sound learning (not letter-name learning).
- •Instruction in greater duration was more effective.
- Small groups (compared to 1:1 tutoring) was more effective. (Piasta & Wagner, 2010a)

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# Meta-Analysis of Alphabet Learning and Instruction

Why only modest effect sizes?

Alphabet learning may require significant amounts of rote memorization and repeated practice.

Letter-name and sound instruction were embedded in a broader literacy program.

Children have opportunities to learn about letters in other settings.

This may reflect our current ability to teach alphabet knowledge in the early literacy period.

(Piasta & Wagner, 2010a)

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#### **Instructional Guidance**

"Our findings are <u>contrary</u> to findings that letter name instruction is unimportant or, worse, detrimental for children's letter sound acquisition... Such beliefs have prompted approaches for teaching early literacy that disregard letter names altogether (e.g. Gurney, 1999. Jolly Learning, n.d.; Montessori & Gutek, 2004)."

Letter name learning, when combined with sound instruction may causally impact students' letter sound acquisition.

(Piasta & Wagner, 2010b)

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## Strategies for Teaching Alphabet Knowledge

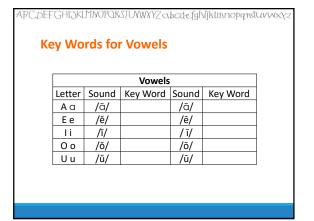
- 1. Explicit lesson format includes teacher modeling and guided practice for:
- 2. Upper- and lower-case letter name identification
- 3. Letter sound identification
- ${\bf 4.} \ \ {\bf Recognizing \ the \ letter \ in \ text}$
- 5. Producing the letter form
- **6. Articulation production** (Jones, Clark & Reutzel, 2012)

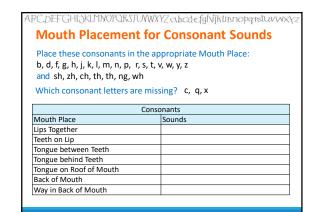


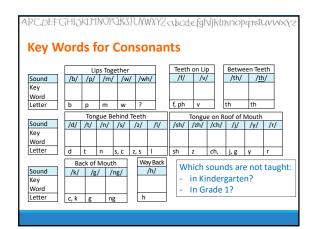
Letter Instruction Components

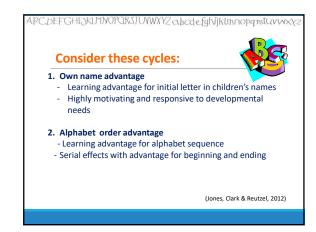
Name
Shape (uppercase/lowercase)
Sound
Target word
Mouth shape
Writing it

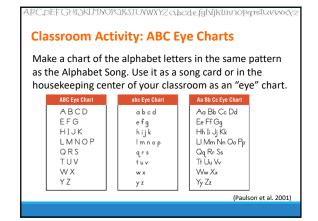
A a /ă/ apple
B b /b/ bus

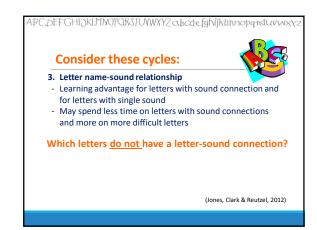






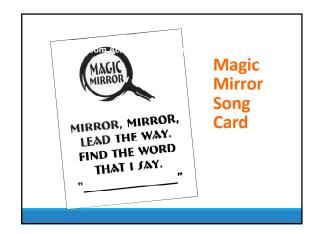


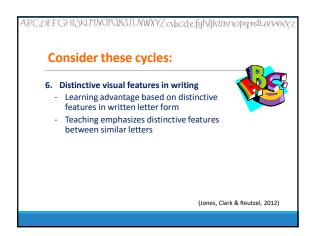


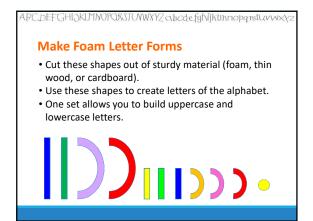


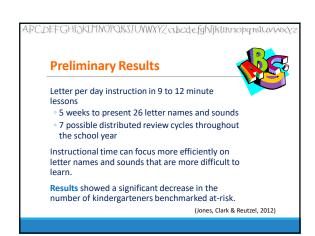












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### What do we really know?



Letter-name knowledge precedes letter sounds knowledge - and both are important.

There are WIDE developmental ranges and a narrow window of development.

Many characteristics influence letter learning.

Explicit instruction has larger effect sizes than embedded instruction.

Alphabet learning most likely requires significant amounts of rote memorization and repeated practice.

Multi-component instruction is effective.

What squared up?	 
What's going around?	
3 key points?	

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Questions and comments?

Thank you



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