Applying the Science of Reading through the Brain's Backdoor!

Using Brain Science as a Roadmap to Fast-Track Phonics Mastery





Connect, Learn & Share!



Continue the Conversation

After Session in the Facebook Group!





and download FREE RESROURCES in the Group Files!



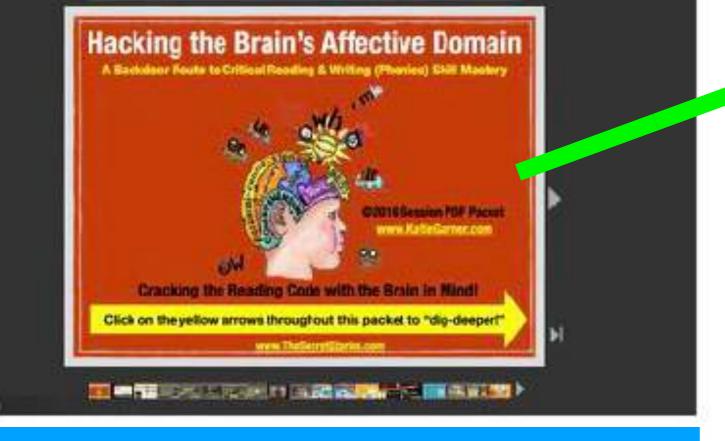






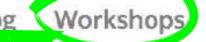






SESSION HANDOUT PACKET DOWNLOAD





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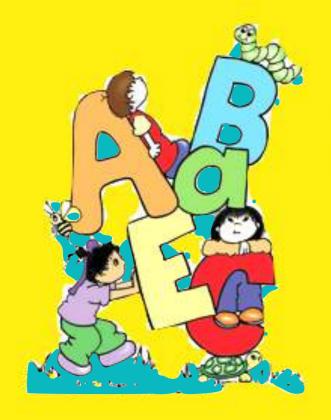
Name Email Sign Up



Click **HERE** for free sound anchor examples used in session.

The "BETTER Alphabet" Song

Click HERE for more



Training the lips, tongue, and teeth to TAKE themso you DON'T have to 'TEACH' them!

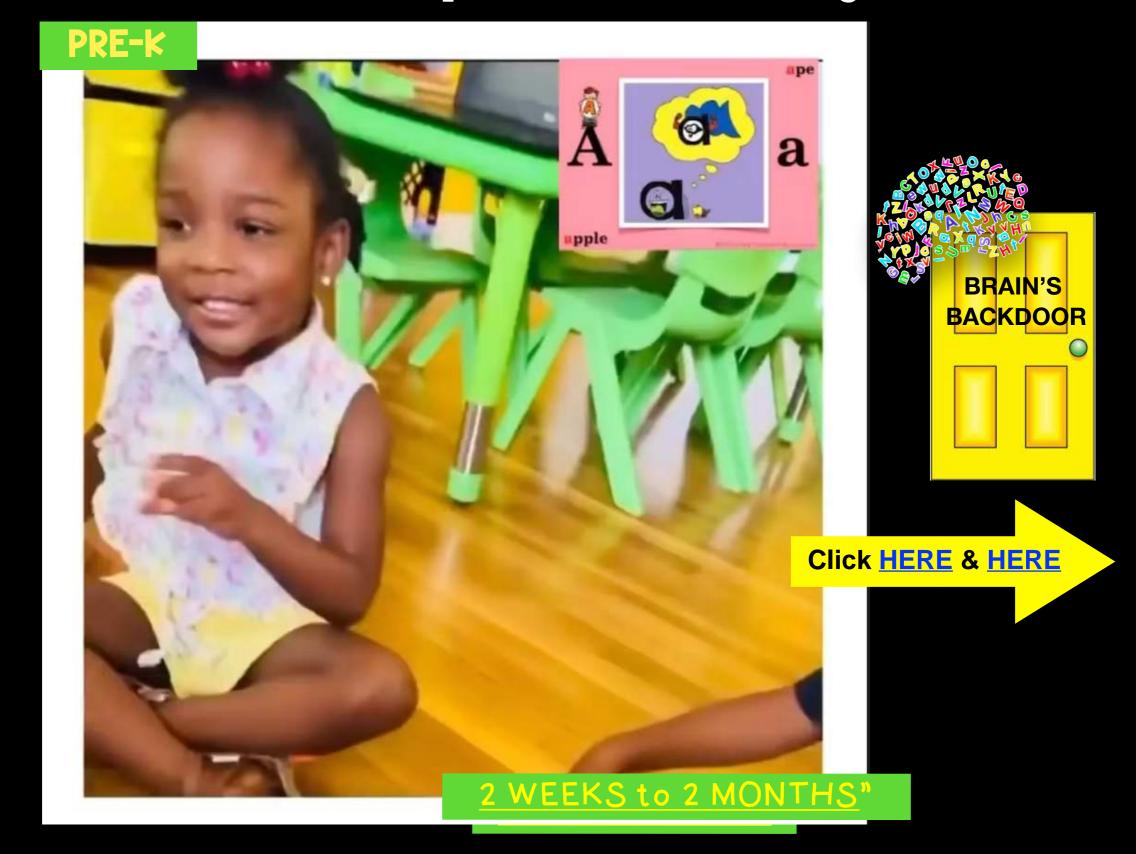




Using muscle memory to bypass cognitive readiness!

"2 Weeks to 2 Months!"

The Better Alphabet M Song



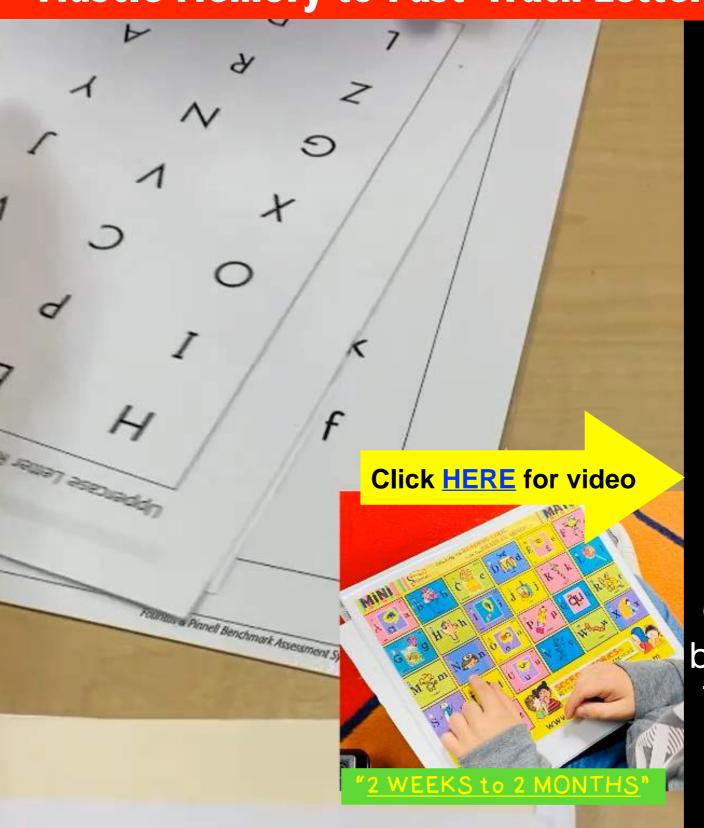
THE BETTER ALPHABETTM SONG

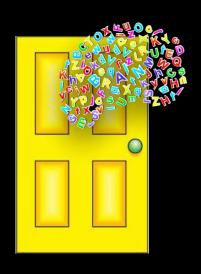
Using "Backdoor" Muscle Memory to Fast-Track Letter Sound Mastery

In SEPTEMBER,

this sweet kindergartner was still four and wasn't able to give me any letters or sounds. We sang the Better Alphabet™ Song EVERY DAY, and I would even hear the kids singing on their own when they were partnering.

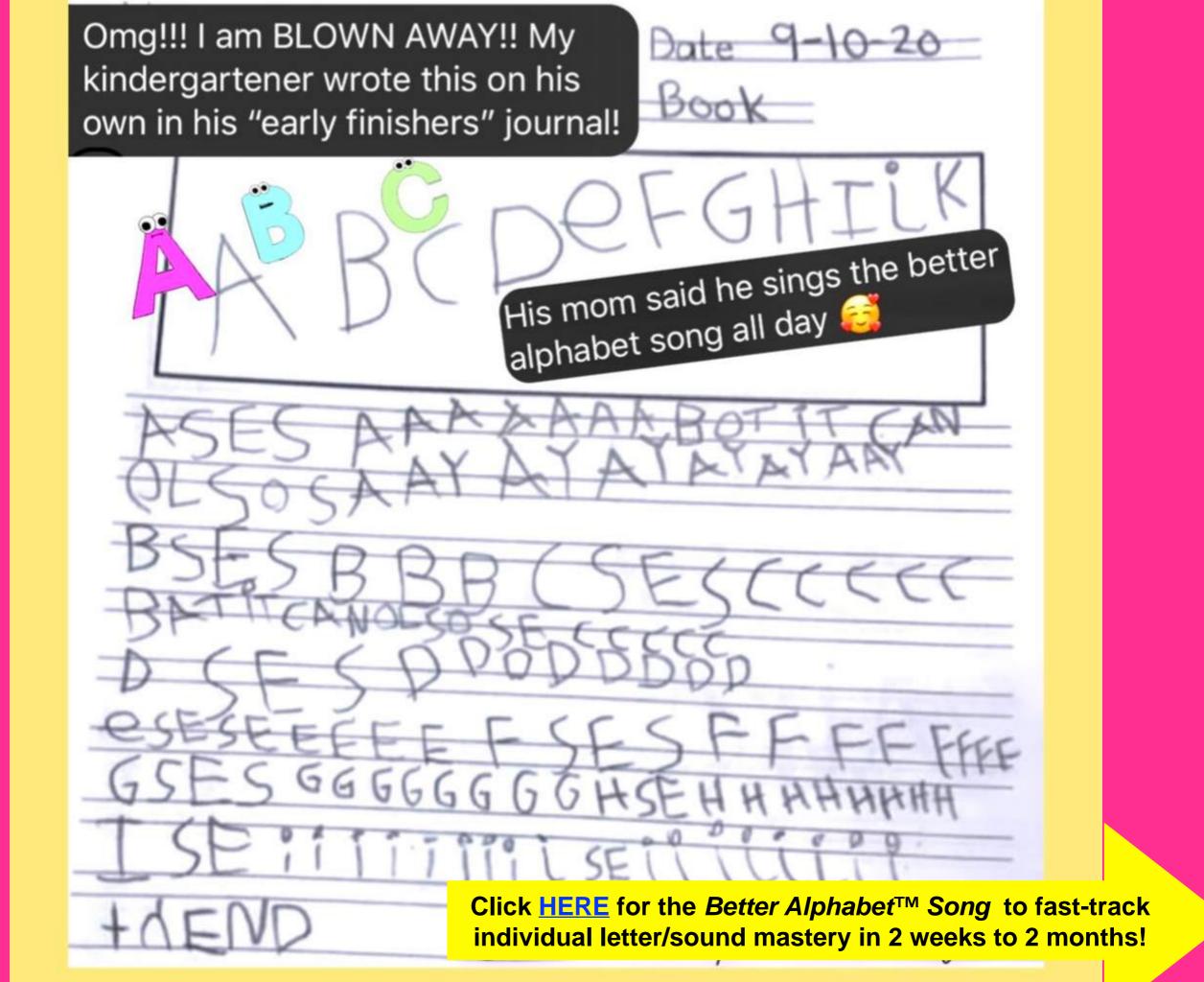






Fast-Forward
to the first week
of NOVEMBER
and watch what
she can do!
Can you hear her
beautiful dialectic?
There's a second
language spoken
at home.

...to bypass underdeveloped cognitive processing and language delays.

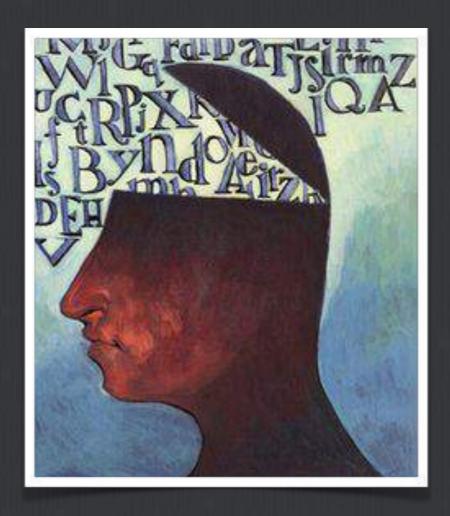


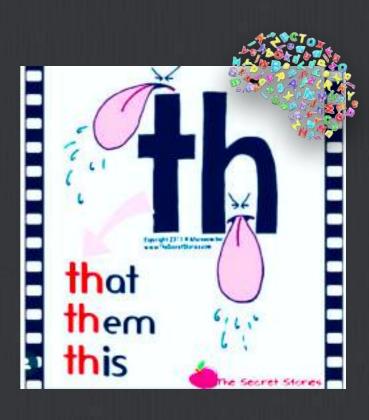
Click **HERE** to play video

There is a WIDE GAP between

WHAT WE KNOW ABOUT THE BRAIN AND HOW WE TEACH KIDS TO READ

says









THE BRAIN'S SYSTEM FOR LEARNING

EARLY LITERACY RESEARCH ON TEACHER PREPAREDNESS AND EFFECTIVENESS

"Despite overwhelming (brain) research, many teachers still cling to a random assortment of mixed methods. Without clear purchase on what it takes to become a good reader and what some kids might be missing, their instructional successes will be fortunate accidents. And that goes for the principals who supervise them, and district leaders, as well."

Dr. Michael Pressley

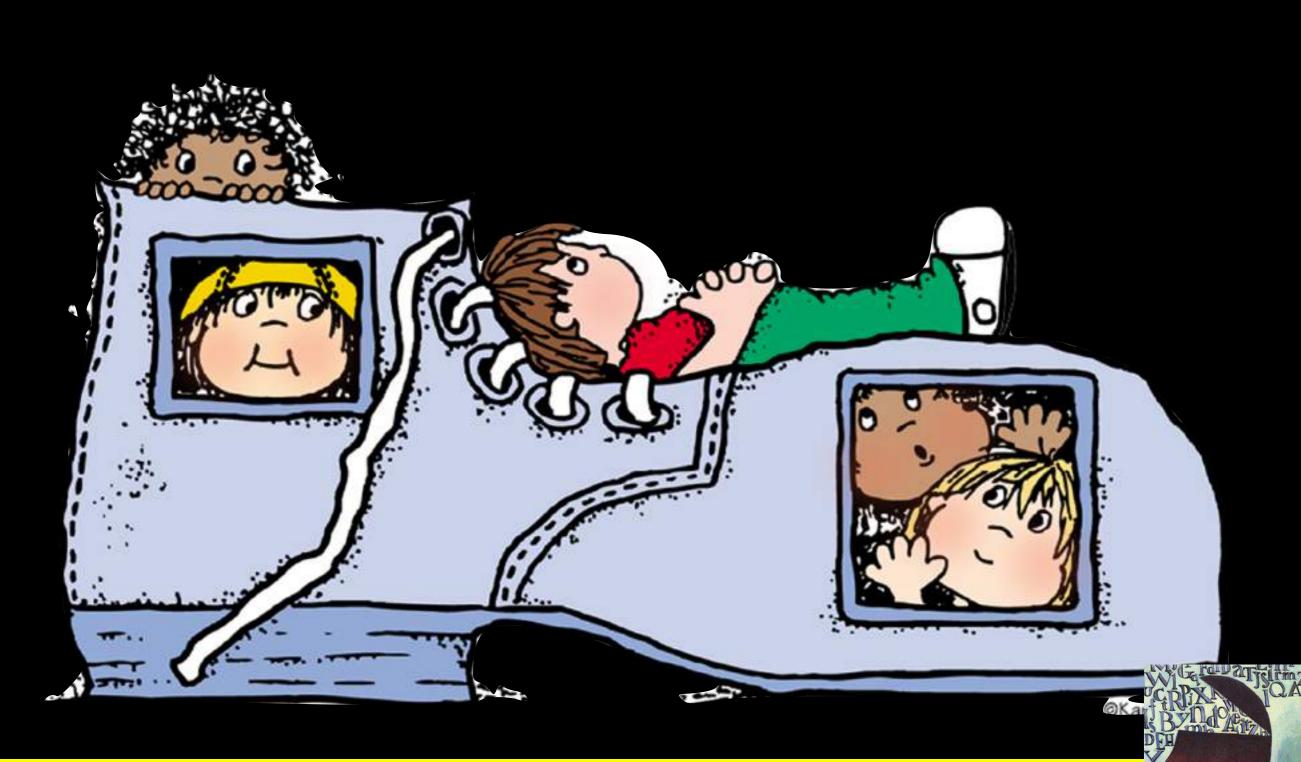
Click **HERE** for more

It's hard to teach something that doesn't make sense in a way that actually makes sense!





Writing in their Shoes



3-4 grade level years is too long to wait for the "whole" code.

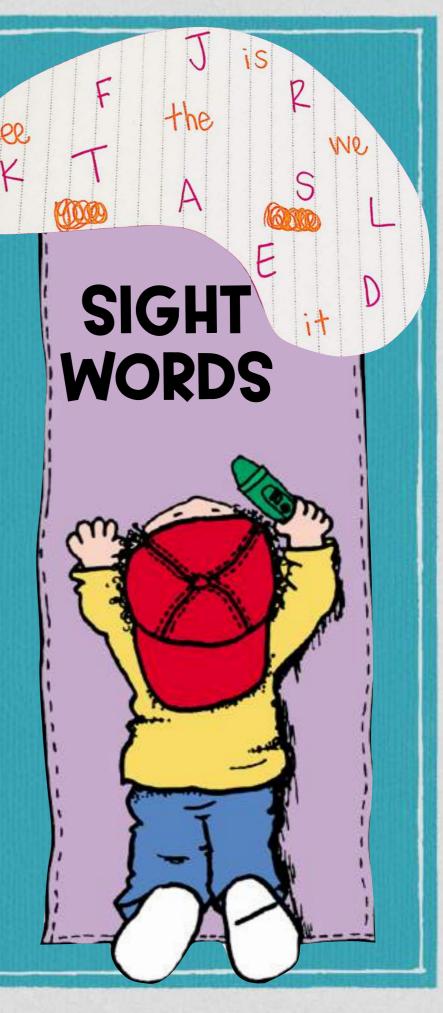


3. Draw an outline of the brain in the shape above (approx. 3/4 size of the page)



1. Pick 10 random letters and write them inside the brain.

2. Pick 5 "high-frequency" sight words and write them inside the brain between the letters.



4. Draw a picture of your favorite animal outside the brain, anywhere on the page.



5. Using only the 10 letters and 5 sight words that "know"....





....write WHAT your animal is and WHY you like it so much!



The more **TOOLS** you bring to the table, the more **VALUE** you take away...



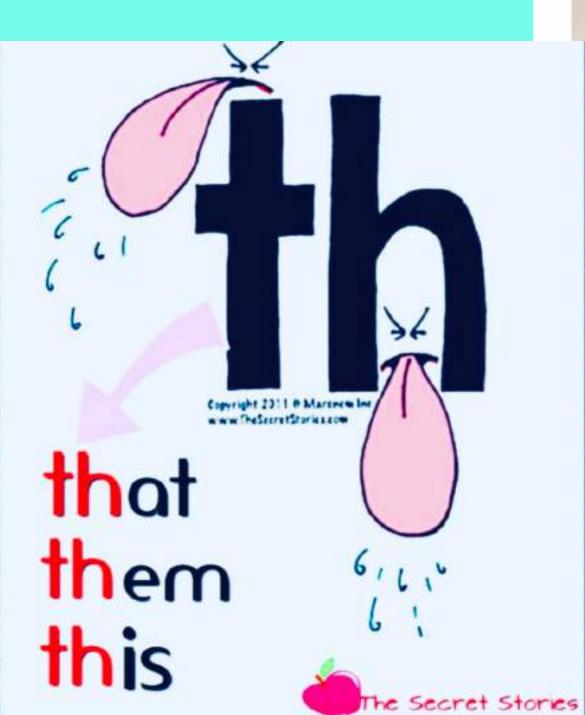


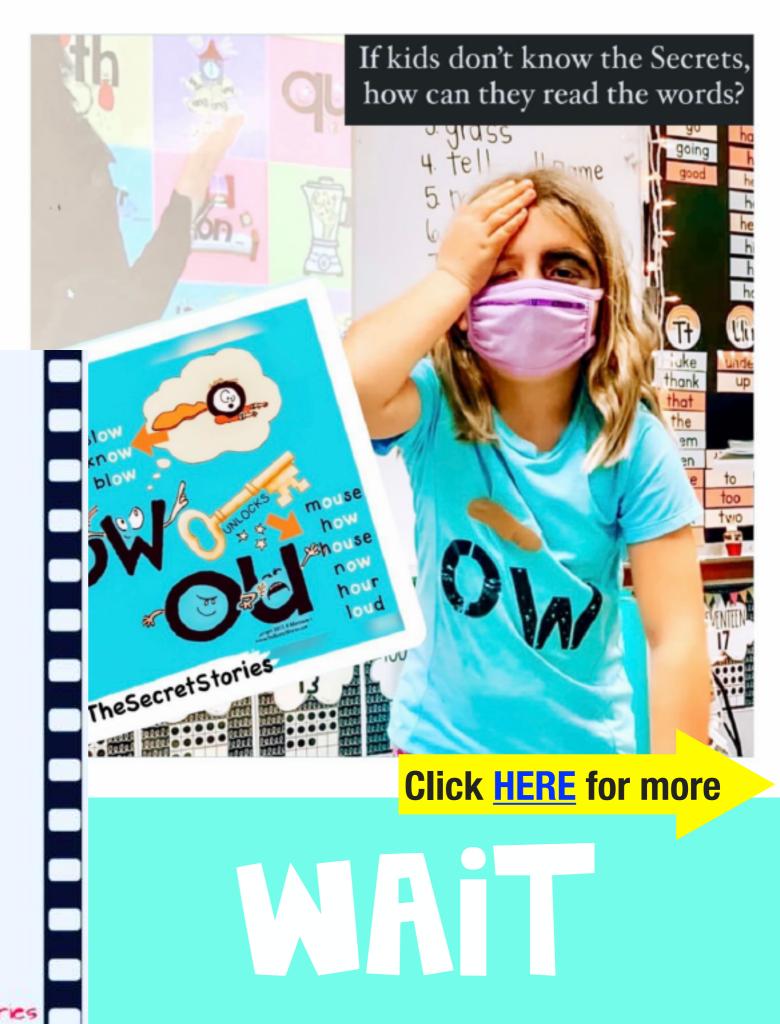
DAY





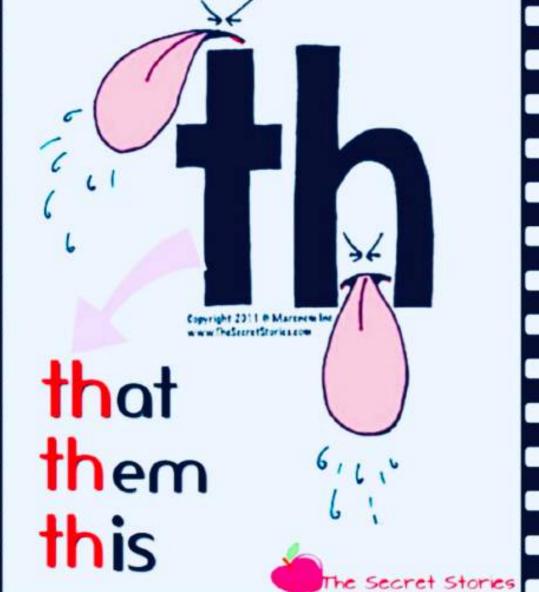






The MORE pieces of the phonics puzzle kids have...



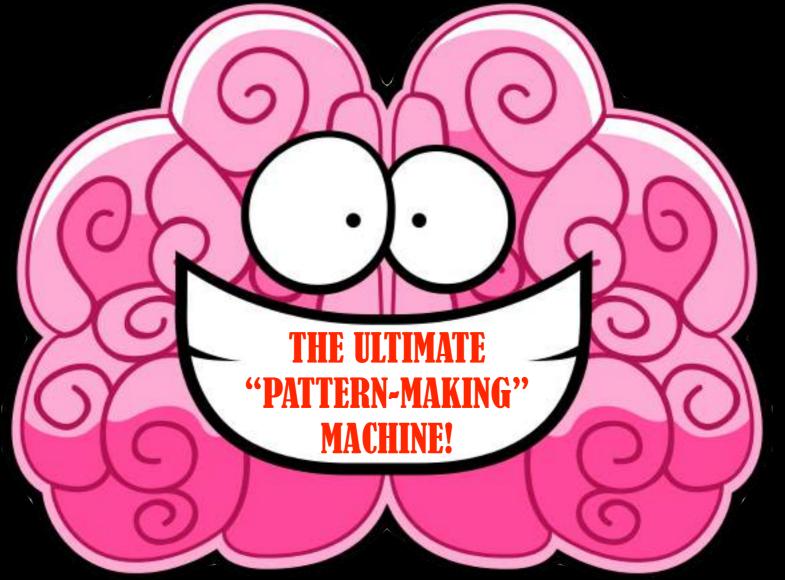




the more they can
DO with it!



"WHY" = Patterning



The Brain's System for Learning

PATTERNING



- -Problem Solving
- -Critical Analysis
- -Diagnostic Thinking





Don't think....just <u>MEMORIZE!</u>

The "Grown-Up" Reading & Writing Secrets!



The "secret" reasons <u>WHY</u> letters make the sounds that they do!

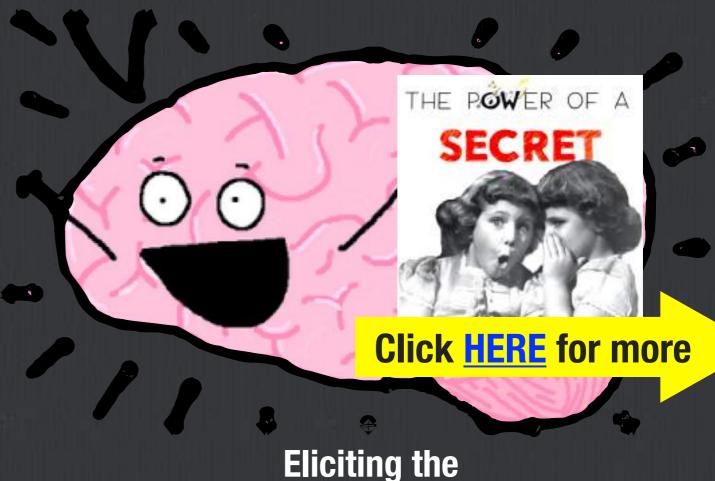
Shhhhh... It's a SECRET!

Secrets trigger the "need to know"— marking information for MEMORY and PRIORITIZED LEARNING in the brain!



Cognitively Priming Students for Learning

едиторю



"NEED TO KNOW"

puts a "catcher's mitt" in place in the brain to receive the information!

Triggering the NEED-TO-KNOW marks Information for memory in the brain.

SECRETS

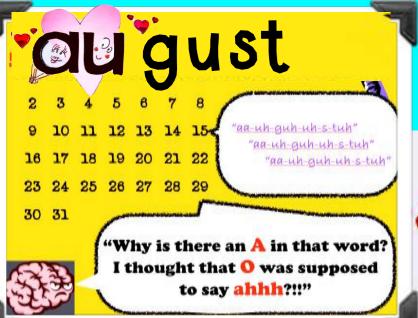
make
Things
IMPORTANT
To kids...





"It's neurobiologically impossible for kids to think deeply about things they don't care about."

—Dr. Mary Helen Immordino-Yang / Harvard Neuroscientist



They're in LOVE!



"AU and AW say AHH.
You just have to remember it."

AU and AW say AHH
BECAUSE
they are in love."

Click **HERE** & **HERE** for more





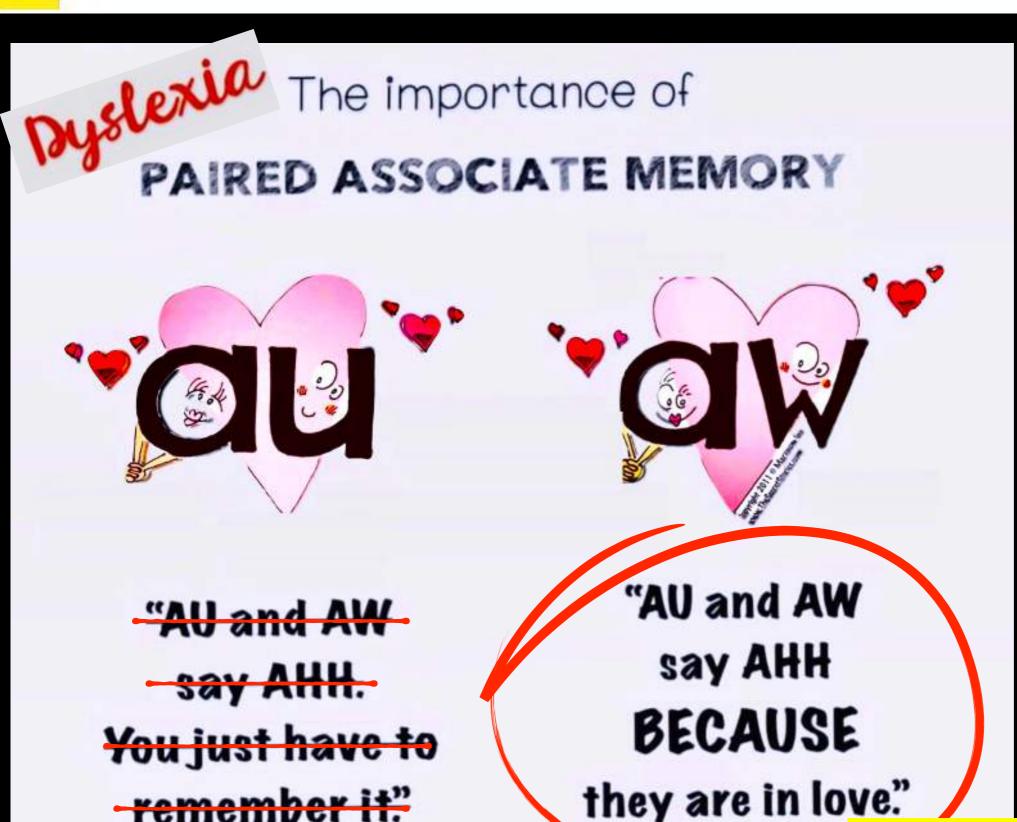




Logical explanations that learners' brains CRAVE!

Accessing "Backdoor" Routes for Accelerated Learning

...to bypass areas of weakness and tap into areas of strength!



*Working Memory

*Paired Associate Memory

*Cognitive Processing

*Developmental Readiness

*Auditory Discrimination

*Auditory Processing

*Speech & Articulation

*Language Deficits

Click **HERE** & **HERE** for more

The brain loves NOVELLY

Extreme Body Gestures

> Vocal Inflections



Rhythmic & Pitch Variations

Click HERE & HERE for more!

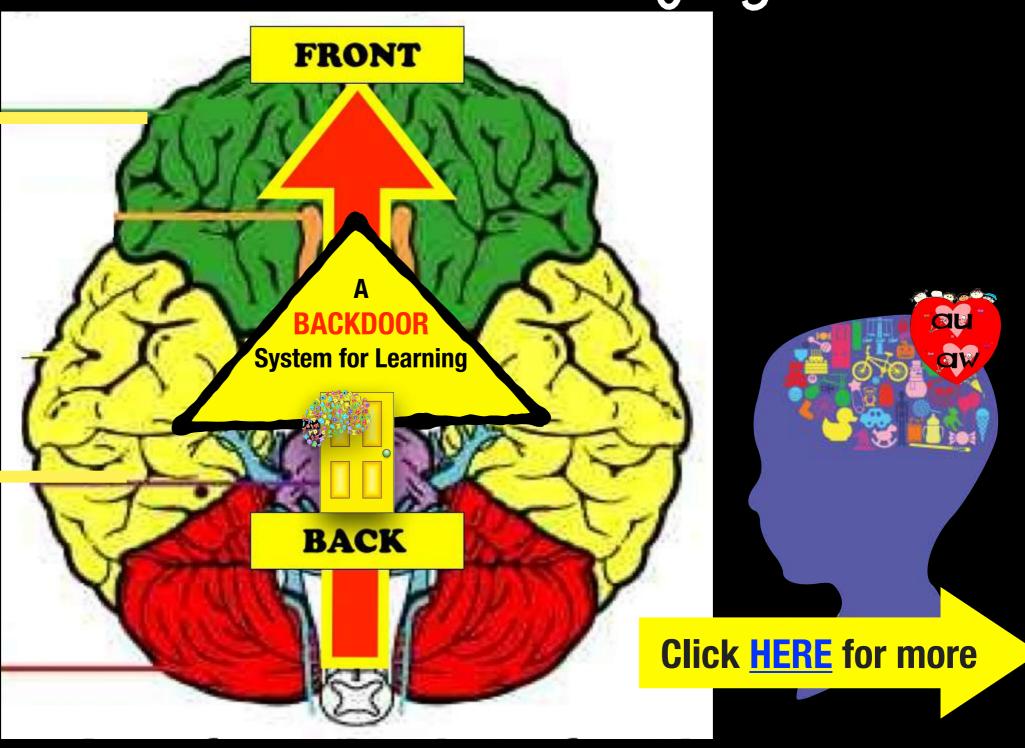
MOVELTY captures the brain's attention and triggers the NEED-TO-KNOW!

THE BRAIN'S BACKDOOR

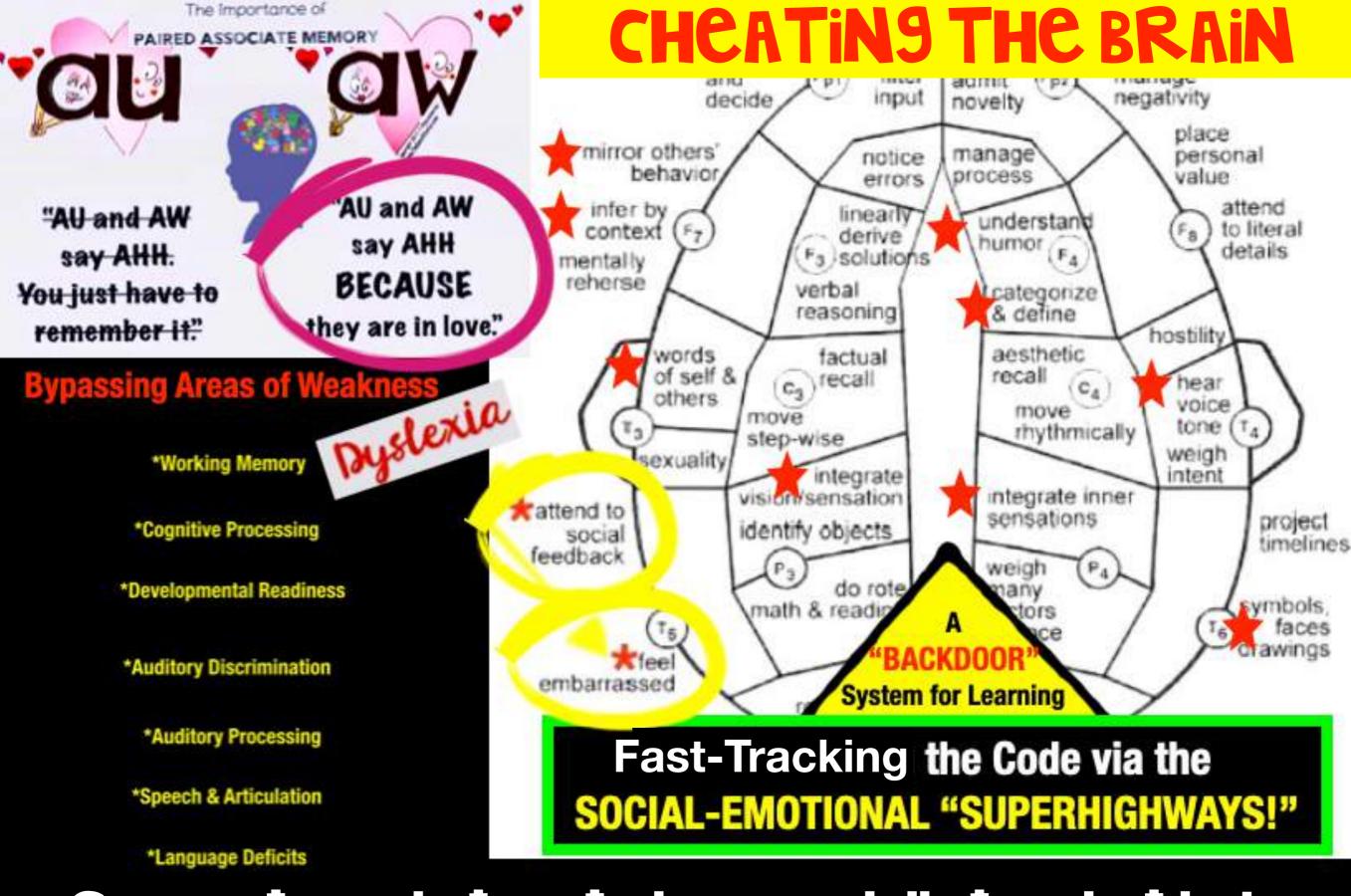
The "Social-Emotional" Learning Systems

Higher-Level COGNITIVE/
EXECUTIVE PROCESSING
Centers

Earlier-Developing/
Already "Primed"
SOCIAL-EMOTIONAL
Centers



The Brain Develops from BACK to FRONT



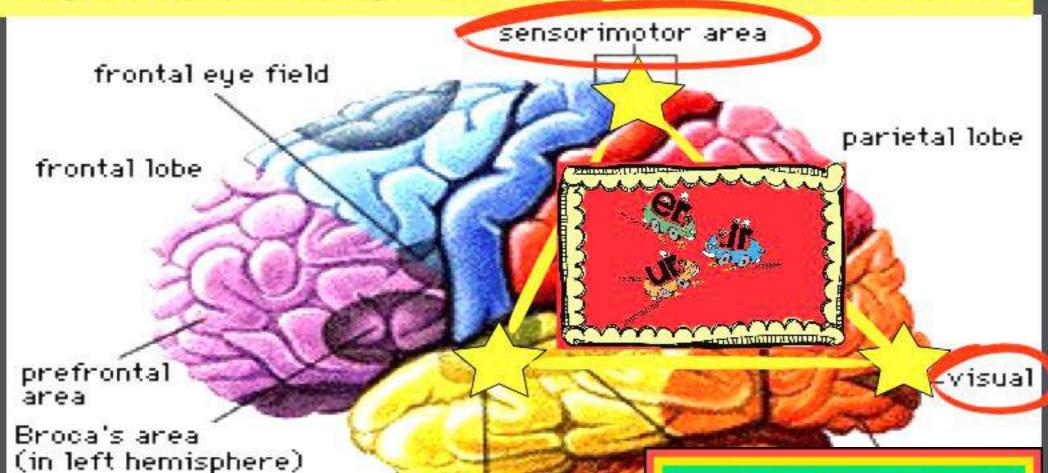
Connecting abstract phonics skills to what kids already **KNOW** and **UNDERSTAND**

What's <u>used</u> together becomes <u>fused</u> together in the brain!



Multi-Sensory Learning

forges deeper learning connections for easier skill retrieval!



temporal lobe

auditory

"The more areas engaged and the more wide-spread those areas are, the deeper the learning."

-Dr. Stanislas Dehaene





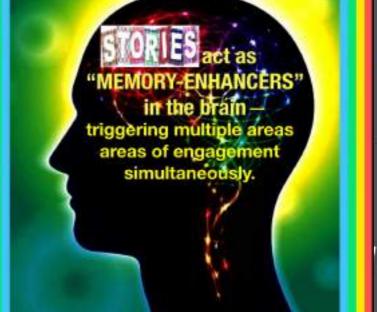
See it!

Say it!

Do it!





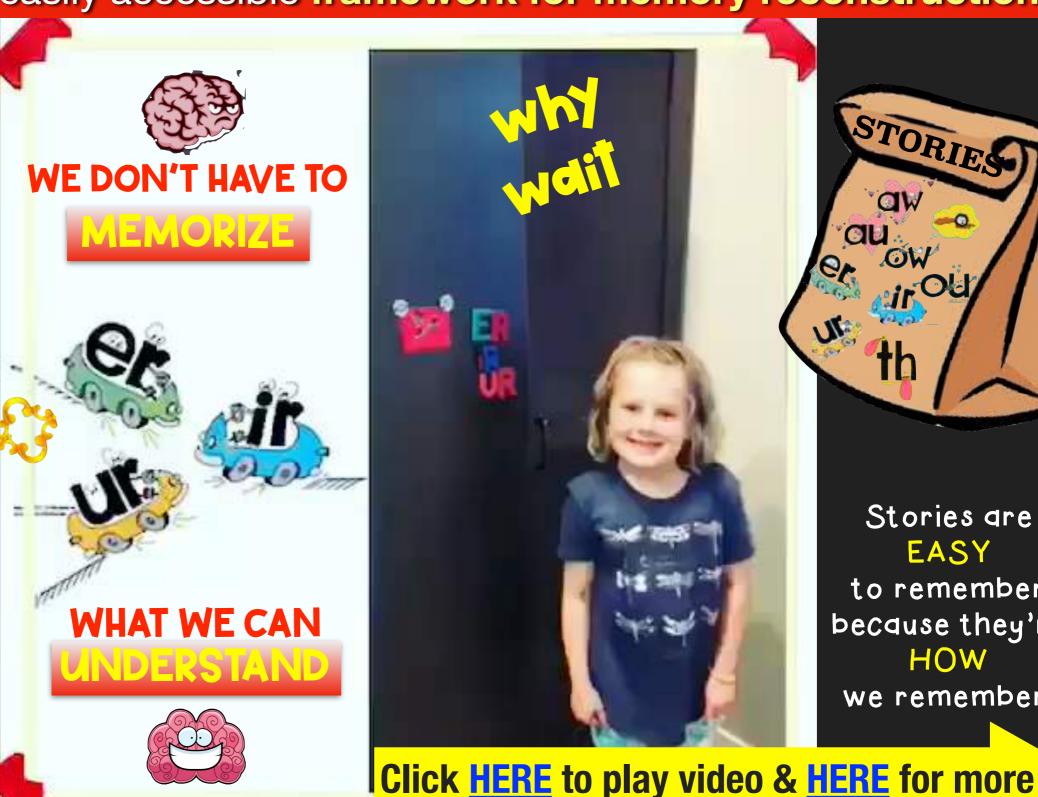


STORIES act as strong memory-holding templates in the brain providing an easily accessible framework for memory reconstruction.



her were November girl Circle UNLOCK turn Thursday







Always GO with what they KNOW!

"FRONT-LOAD THE CODE!"

Why Tell a Story?

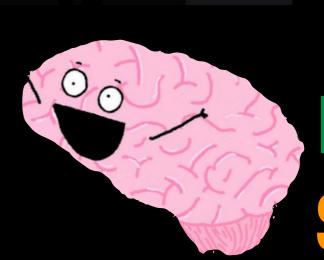
Strong Memory-Holding Templates in the Brain

- -Fastest/easiest way to engage social-emotional centers in the brain
- —Triggers the "need to know"
- -Provides easily accessible framework for memory-reconstruction



My intention was to use these strategies with students with significant phonetic weaknesses. My "small" group got waaaaay bigger than I planned because the majority of students wanted to join in. Some of my strongest readers were strategically placing themselves around us on the rug while pretending to read a book, so they could listen in.

Stories elicit the "need to know" for learner-driven instruction!









Superheroes in Disguise!



Kids can't read OR write ANYTHING without vowels...
so WHY WAIT to teach them

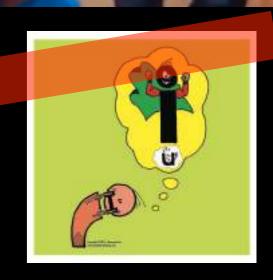












Bypassing Areas of Inherent Early Learner Weakness

*Cognitive Processing *Auditory Discrimination *Articulation Capability

*Cognitive Processing *Auditory Discrimination *Articulation Capability



cut

cute





Click HERE for more

*Cognitive Processing *Auditory Discrimination *Articulation Capability

red set let







complete delete athlete

Click HERE for more

*Cognitive Processing *Auditory Discrimination *Articulation Capability



hop not toss



hope note rose

Click HERE for more

...and her short & lazy sound!

*Cognitive Processing *Auditory Discrimination *Articulation Capability

lid mit bit



like ripe bite

Click HERE for more

*Cognitive Processing *Auditory Discrimination *Articulation Capability

hat ran tap







Click HERE for more

hate bake tape

You can't READ or WRITE any words without VOWELS

Mrs. Lehman LES @LehmanKinders Apr 19

We had a few superhero vowels pay us a visit this week! Since we already knew the vowel secrets, we've known that vowels had more than one sound since the first week of school, so we didn't have to wait until this week in our phonics program to find out. But it was a fun review.



So WHY WAIT to teach them?



MOMMY E_®

Click **HERE** to play video,

and **HERE** & **HERE** for more



Kindergarten— Week #3

bitter

I am blown away with this kindergarten crew!! Our teachers and students are on fire!!

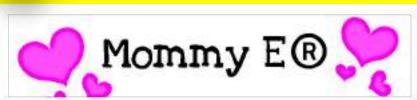
They've raised the bar and our kids are totally going above and beyond!! We're still in quarter 1 people!! #BestJeffersonEver



The easy way to know which "way" the vowel will Go



The EASY way to KNOW which WAY the vowel will GO



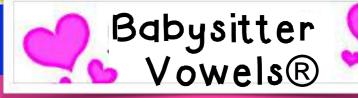


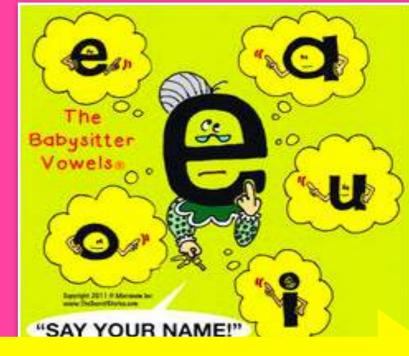
Click HERE and **HERE** for more



b<u>u</u>ter b<u>u</u>tter







Click **HERE** & **HERE** for more





Stories kids already KNOW based on behaviors they already UNDERSTAND

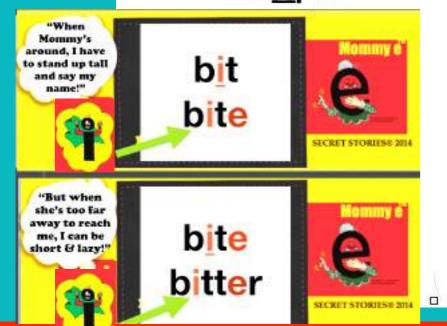
Universal Frameworks of Social-Emotional Experience & Understanding





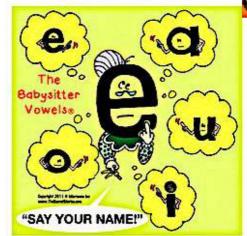
<u>make</u>

b<u>i</u>ke hope



I. Can't. Wait. I share Mommy e and babysitter vowels and instantly saw some connections made with certain children that didn't quite "get it" before. Even with the "magic e" or "sparkly e" concept. Mom and

BABYSITTER VOWELS®



l<u>i</u>king m<u>u</u>sic h<u>i</u>bern<u>a</u>te



babysitter/needing to

behave? Relatable)

A Kindergartner Named Abel

Click HERE for more

Let me tell you about a little guy named Abel...

He is an <u>English Language Learner who entered kindergarten knowing</u>

7 letters and no sounds. Thanks to the "Better Alphabet" he got them

ALL by October!

Yesterday, I sat down next to Abel and asked him to read to me. That's when he pulled out Arthur's Halloween.

I said, "Oh, this looks like a great picture read. Can you tell me a story to go with the pictures?" (This is kindergarten after all, and it's a tough book!)

Abel gave me a strange look, and then he just started READING it!

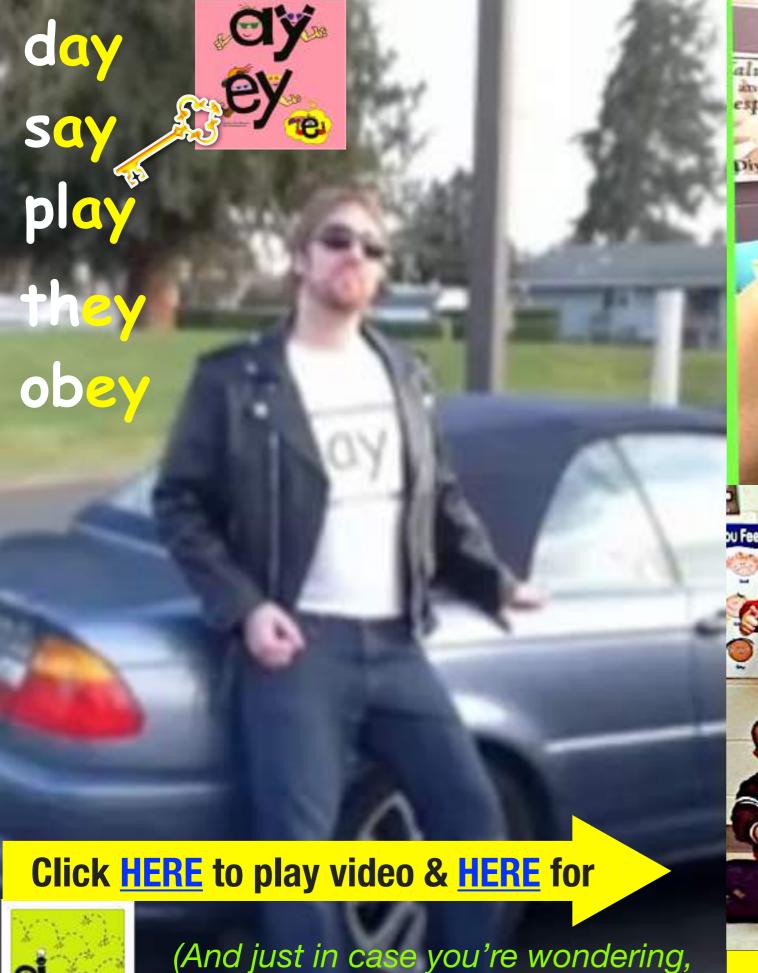
I was stunned. Later in the day, I had him read it again so I could video it. He was so proud!



STORIES they already KNOW ased on BEHAVIORS they already UNDERSTAND!



Teach the READER, not the READING!



there's a Secret for "oy/oi "too!)





Just too cool....

The BEST stories are the ones you already KNOW





Always GO with what they know!

"Universal" Frameworks of Understanding



I teach adult Syrian refugees in the Ukraine. Most have been in the country for 3-4 years and have had some English lessons. They've been taught the "silent e /magic e" (open/closed syllable) rule many times with no effect as they see no connection between magic letters and the sounds that vowels make.

But when I told them that the vowels had a "secret" and that they were actually "superheroes" with the power to "say their name" (or use their "short & lazy" disguise)AND that if Mummy E is nearby, they always do what she says — ALL the lightbulbs went off!

One of my students still holds up his superhero arms whenever he sees a Mummy E (or babysitter vowel) one letter away to remind himself of the sound and he's 33 years old....but who cares, as he's a better English reader because of it!

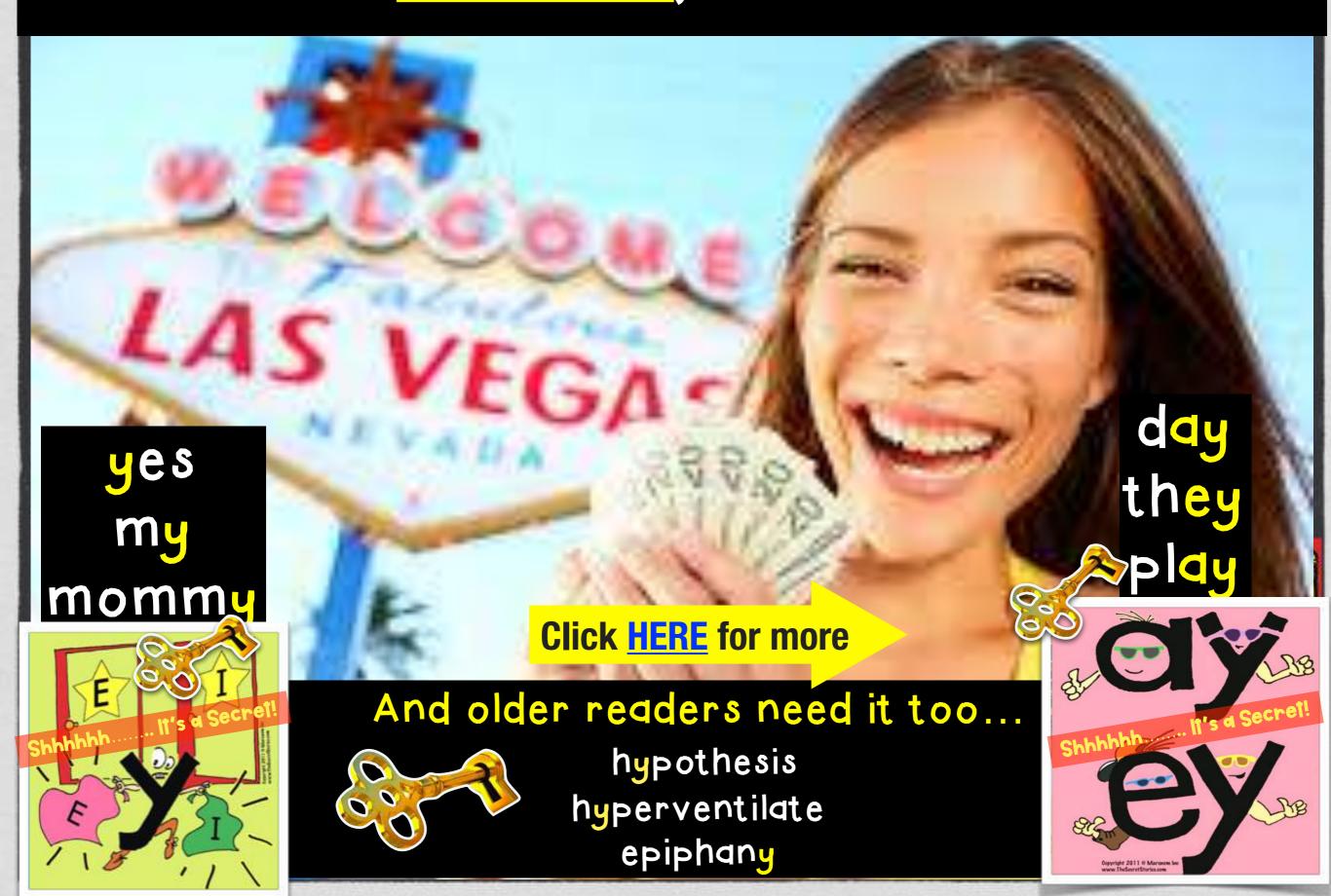
I also introduced Mummy E to my higher level class whose reading isn't too bad—along with a few other Secrets, and with just those few, I could hear them quietly making the sounds to try and decode the words instead of guessing them.

These strategies aren't like anything I've found in our text books. They're intuitive and based on feelings and experiences that we all share, even on opposite sides of the world. Everything has a reason, a story, a champion— all connecting back to pictures that make the sounds easy to understand and accessible, even if you don't speak the language.

Even though my students are all adults, they still love hearing stories. They never tire of telling and retelling them to help each other sound out new words. The best part is that now they tell them to their children.

Always GO with what they KNOW!

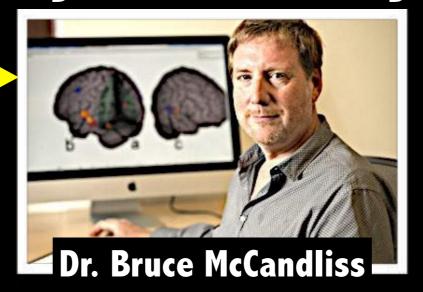
Teach the READER, not the READING!

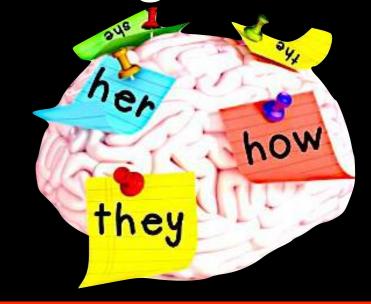


Stanford University Brain Study on Sight Words



Never MEMORIZE words you can READ!





"Sounding out words sparks more optimal brain circuitry than memorizing."

circle August turn saw her

the the the



about how know



mommy my

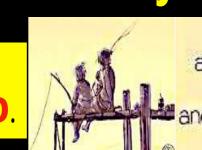
decay

hydraulic

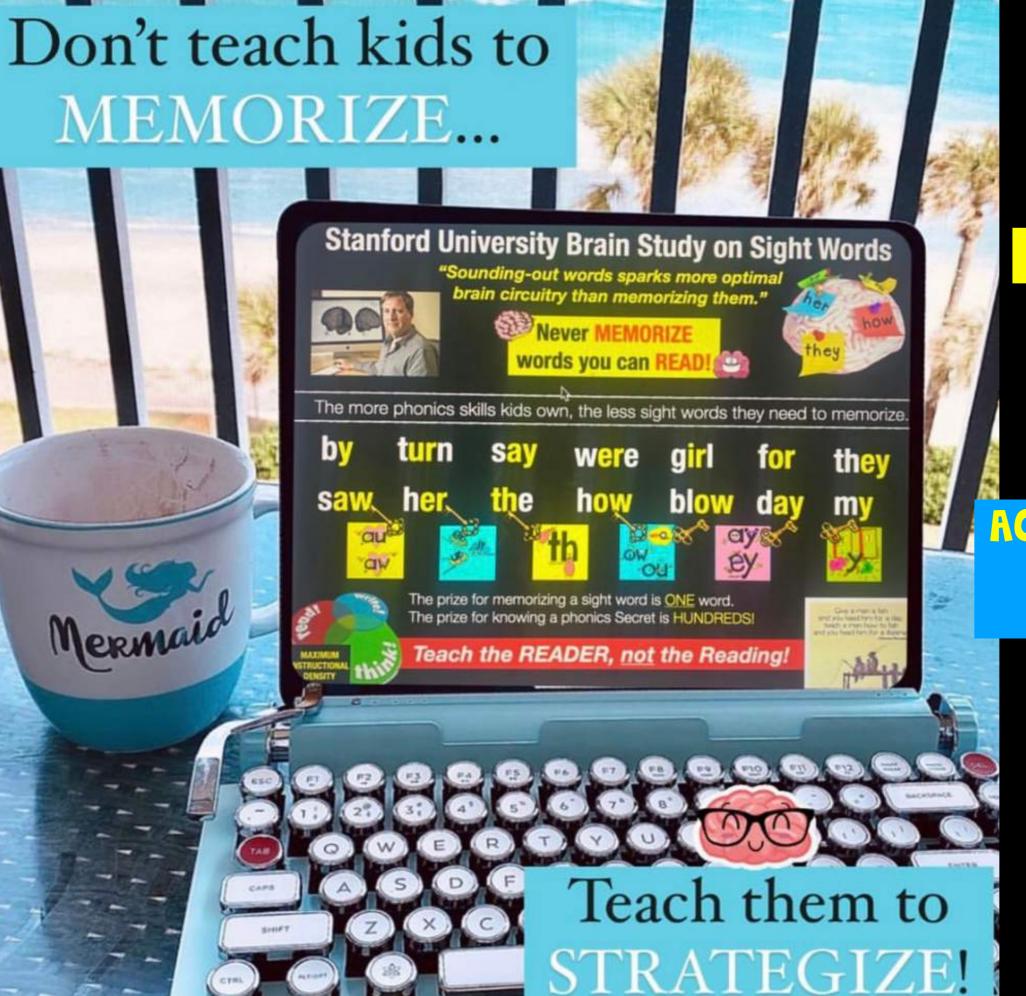
dawdle hamburge

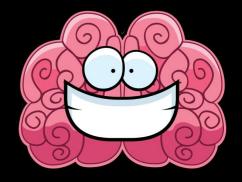
hamburger thrombosis devour

The prize for memorizing a sight word is **ONE WORD.**The prize for owning a building block of the code is **ONE THOUSAND**.



Give a man a fish and you feed him for a day, teach a man how to fish and you feed him for a lifetime





Click HERE for more



ACTIVE DECODING
VS.
MEMORIZING





SPIRALING PHONICS THROUGH THE GRADE LEVELS

The CODE doesn't change, only the TEXT LEVEL to which it's applied.











Supporting Systematic and Sequential Phonics Instruction with

WHAT Kids Need, WHEN they Need it!

READING SCIENCE



A Brain Based Phonics "Buffet!"







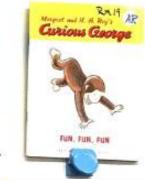
Click HERE for more

With NO Grade Level Walls

to DELAY Learner-Access to the Code!

CURRICULUM
INTEGRATION

Curious George











(C) (S)





Journeys Reading Program, Grade 1, Lesson/ Week 3 - "Curious George"

"Not including the title, this story had 17 words that my beginning first graders readers would never have been able to read without these 5 phonics Secrets.

They would have just had to memorize them. It's just mind-boggling, and makes me so mad on behalf of my already struggling ELL and Title I students!"



Teaching the READER, not the READING!





Fast-Tracking the Code Kids <u>NEED</u> to Read and Write!

Being a good "word doctor"

Diagnosing the "Most & Next-Most" Likely Sounds of Letters



Decoding Irregular Words

Just as an apple won't fall from the tree, a letter won't stray *too* far from

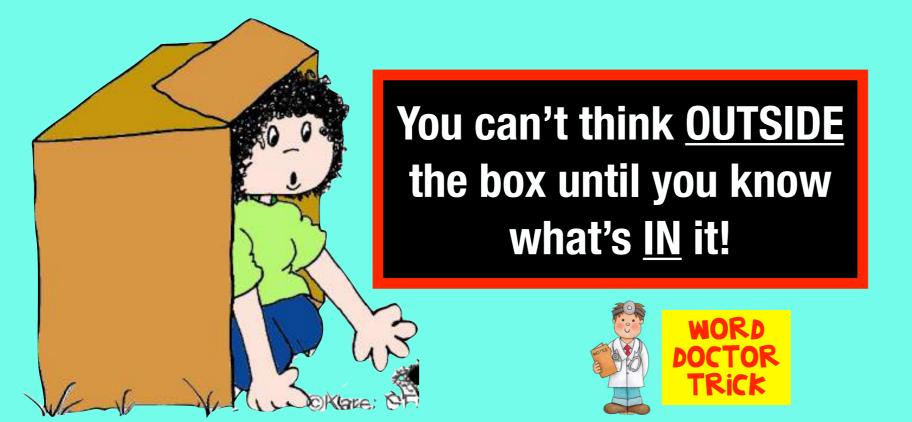
its sound!

h<u>a</u>ve

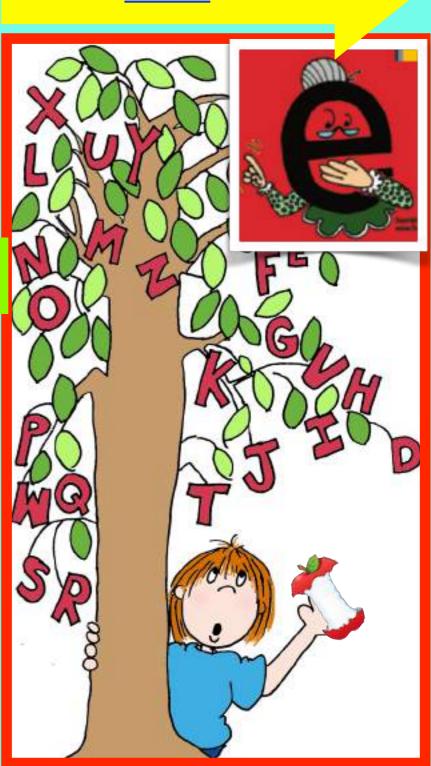


river

Teaching the READER, not the READING!



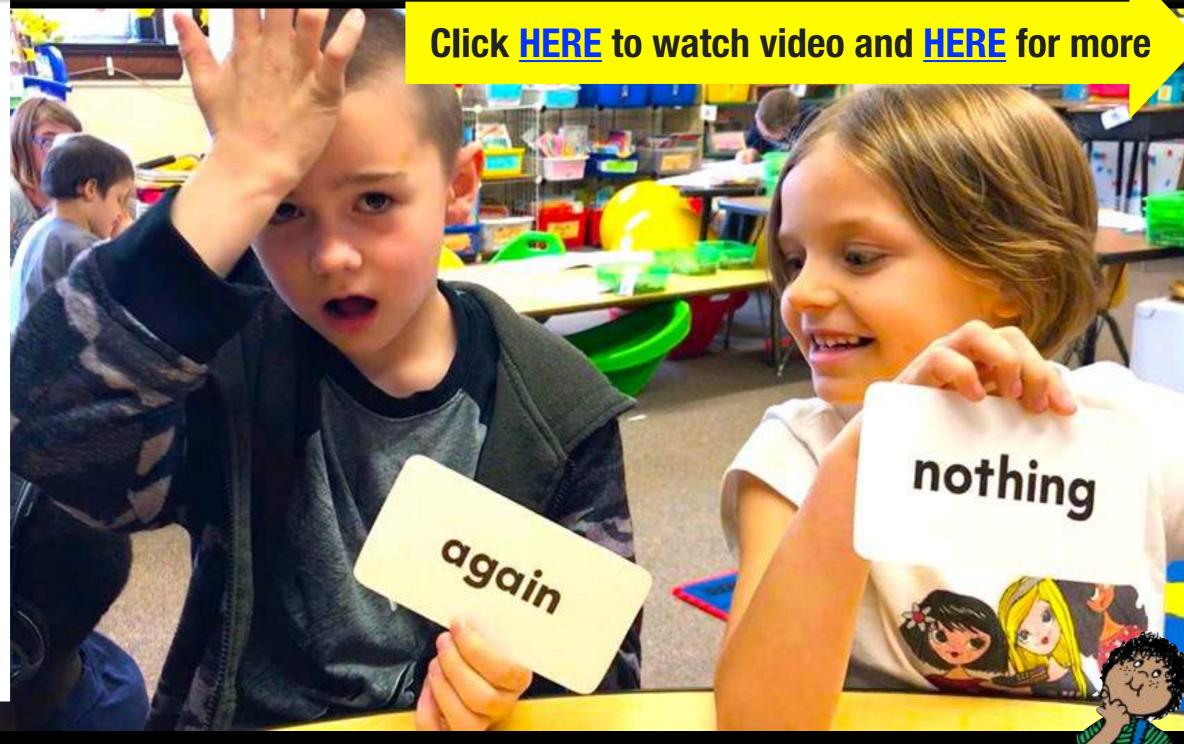
Click HERE for video





Decoding "UNDECODABLE" Words with Thinking Vowels™

of was what come done want some love around about again another



Sometimes vowels just can't make up their minds what sound to make, so they have to think...

Should I be long? Should I be short?

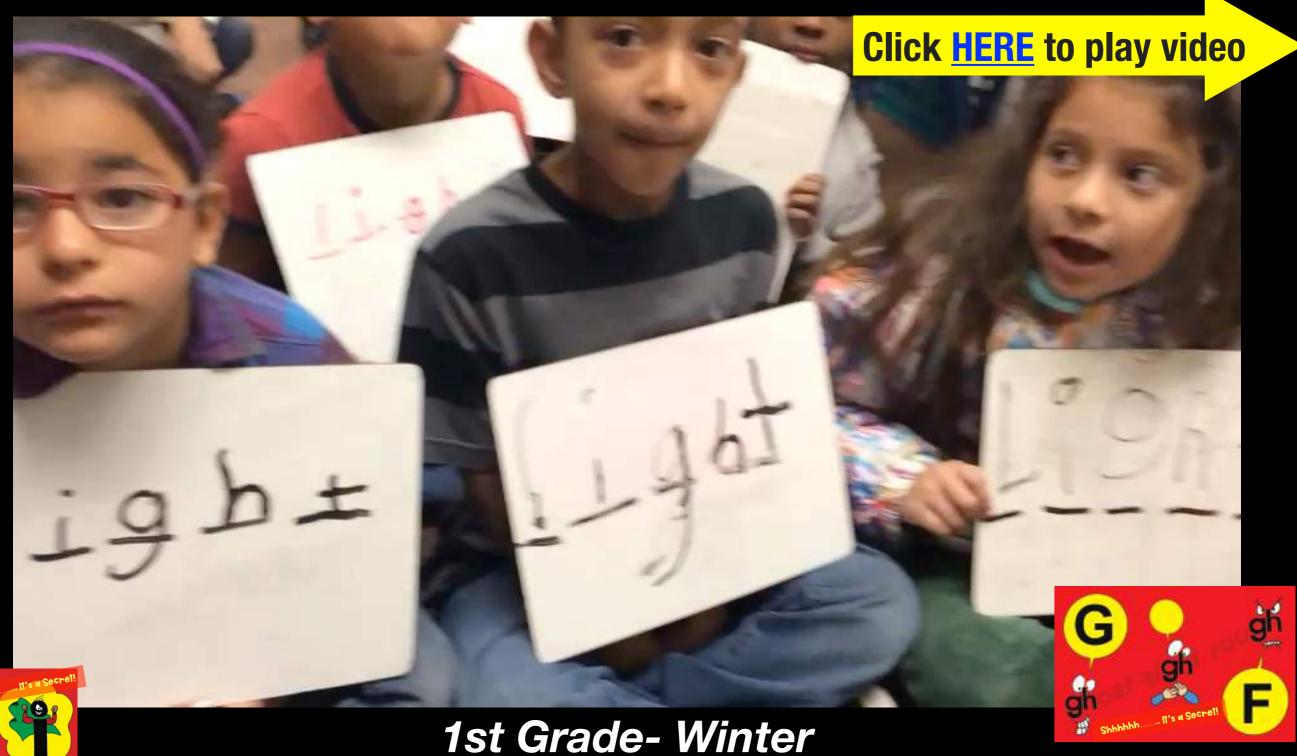
"Uhhhhhhhhhhhhhhhhh?"

Thinking Outside the Rox

is *EASY* when you know what's *IN* it!



Transforming Phonics Instruction into a CRITICAL THINKING PLAYGROUND!

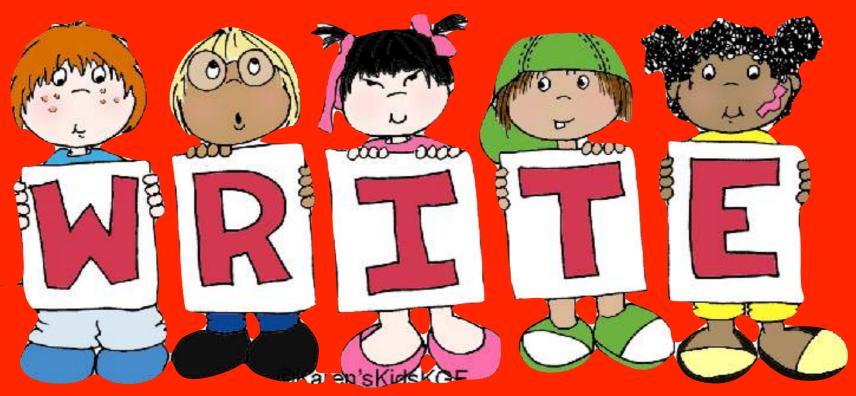


"Kids can't think deeply about things they don't care about."

—Dr. Mary Helen Immordino-Yang



THE BUILDING BLOCKS





for Reading and Writing!

1st Day Kindergarten



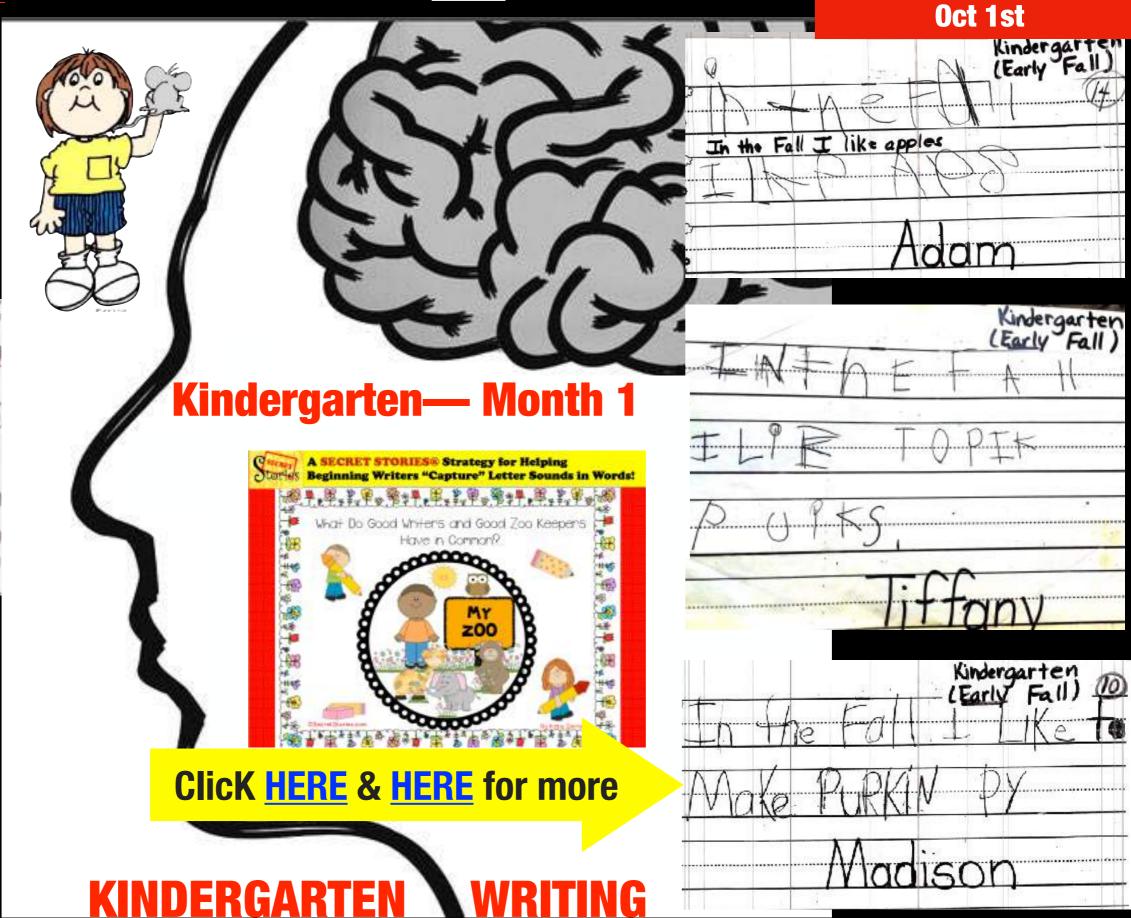




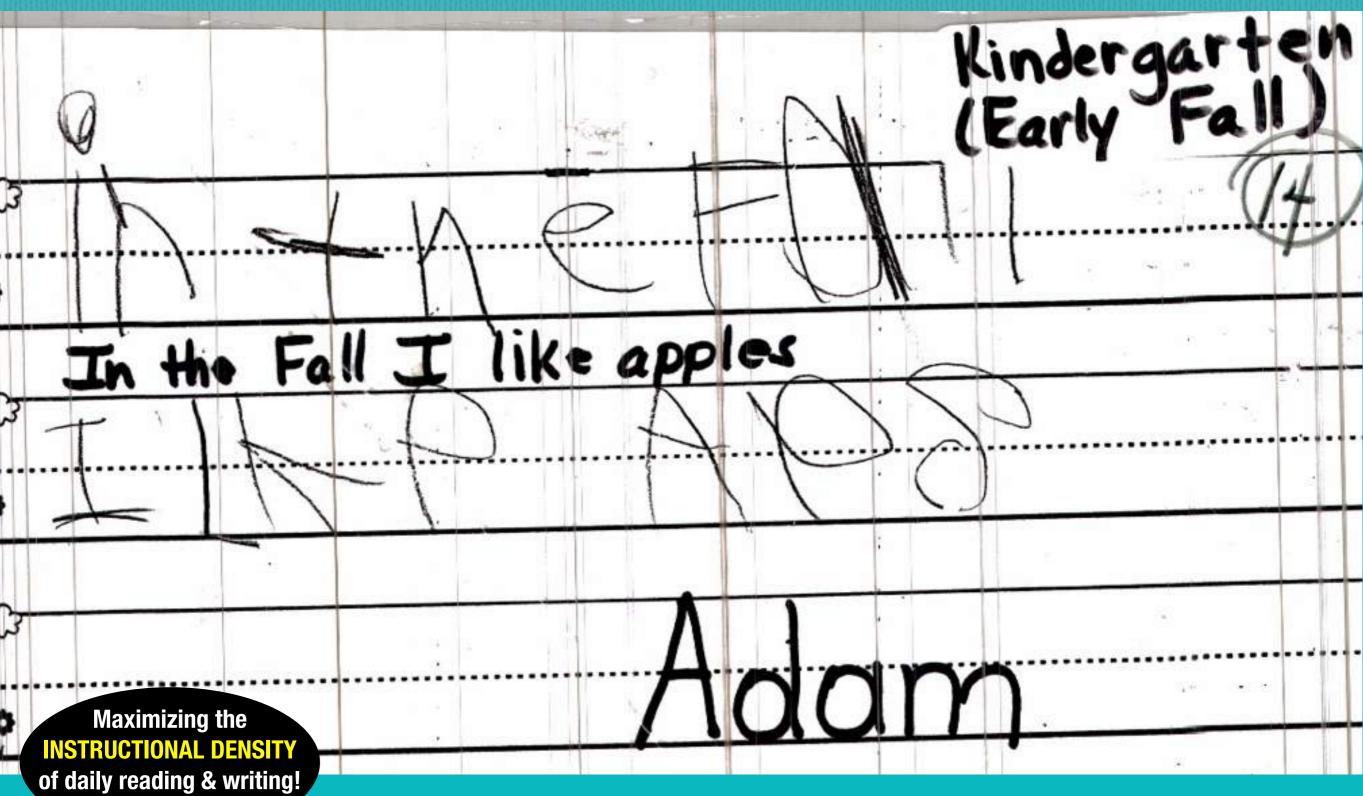
SIMULTANEOUS SKILL ACCESS

Individual Letter Sounds AND Phonics Secrets!

End of 1st Month Kindergarten Oct 1st

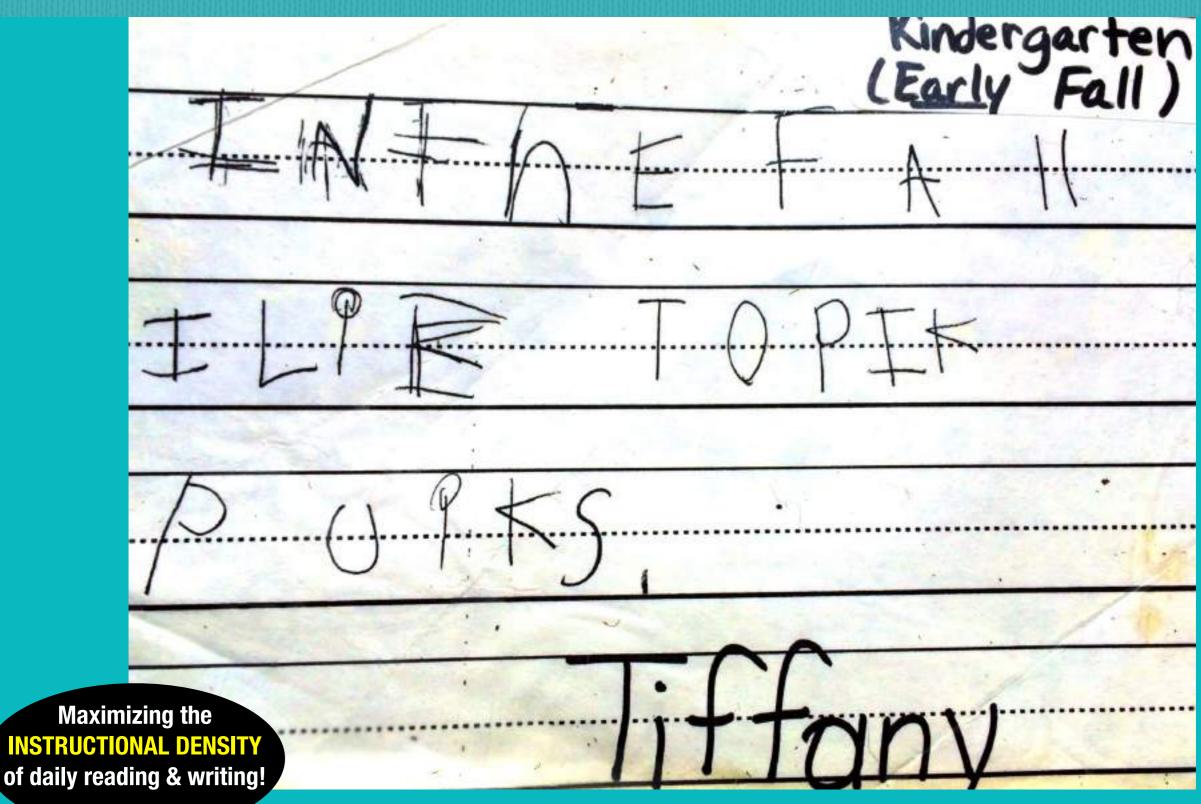


KINDER WRITING— 1 MONTH Mark



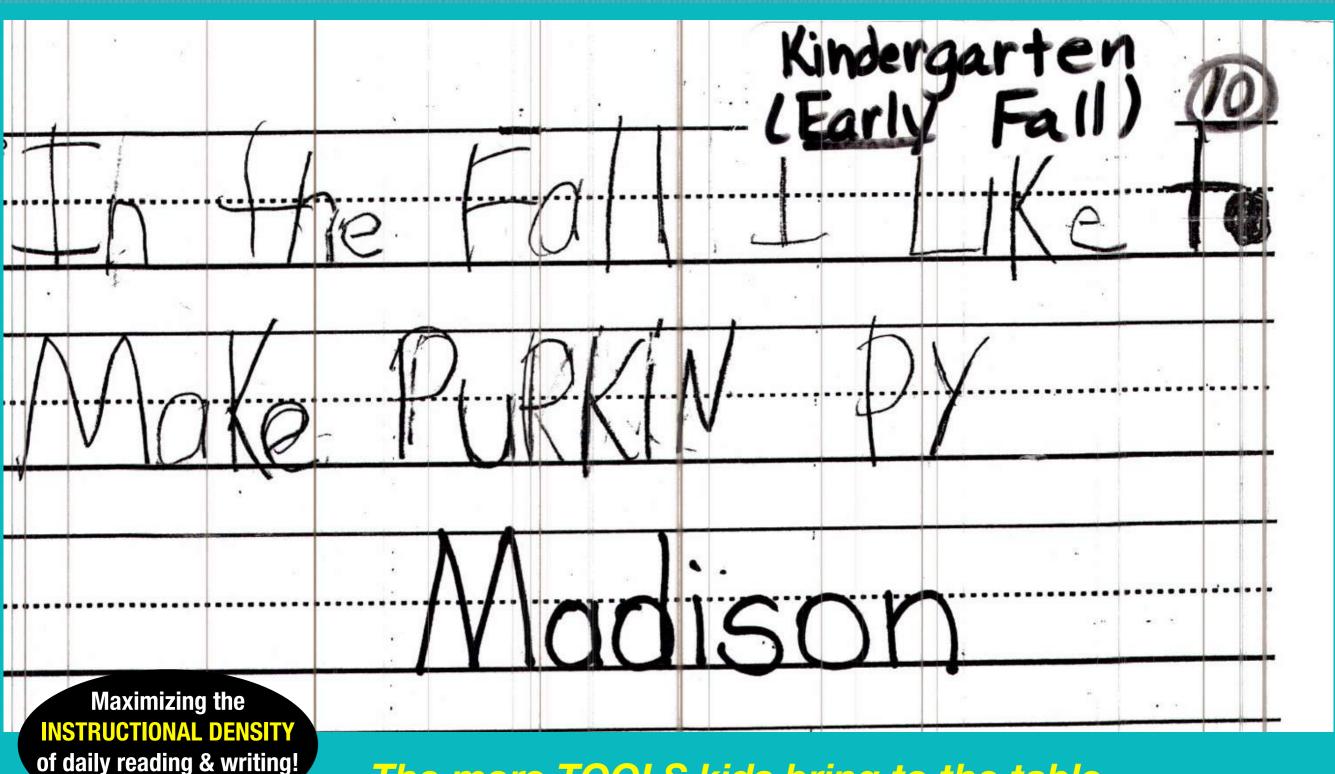
The more TOOLS kids bring to the table, the more VALUE they take away!

KINDER WRITING— 1 MONTH Mark



The more TOOLS kids bring to the table, the more VALUE they take away!

KINDER WRITING— 1 MONTH Mark



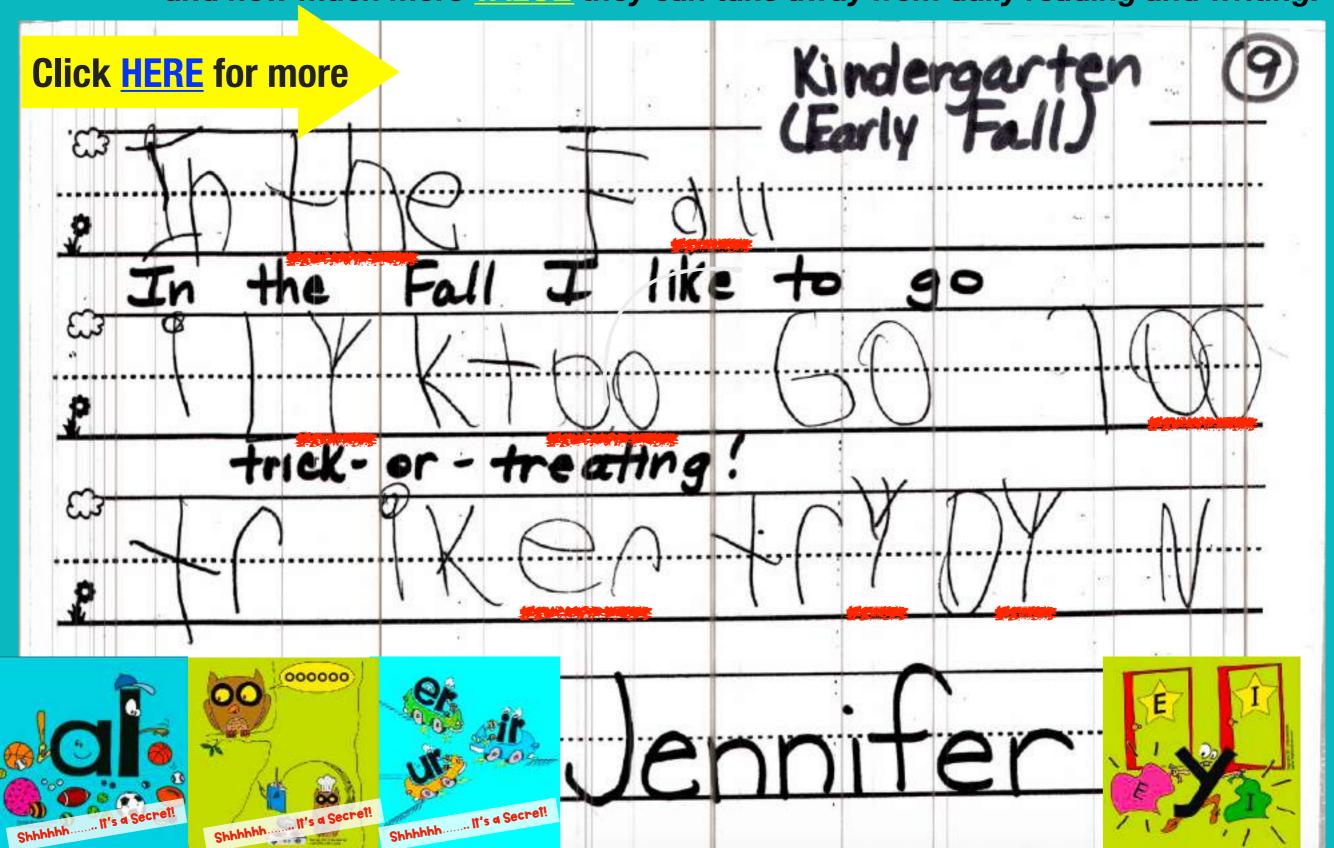
The more TOOLS kids bring to the table, the more VALUE they take away!

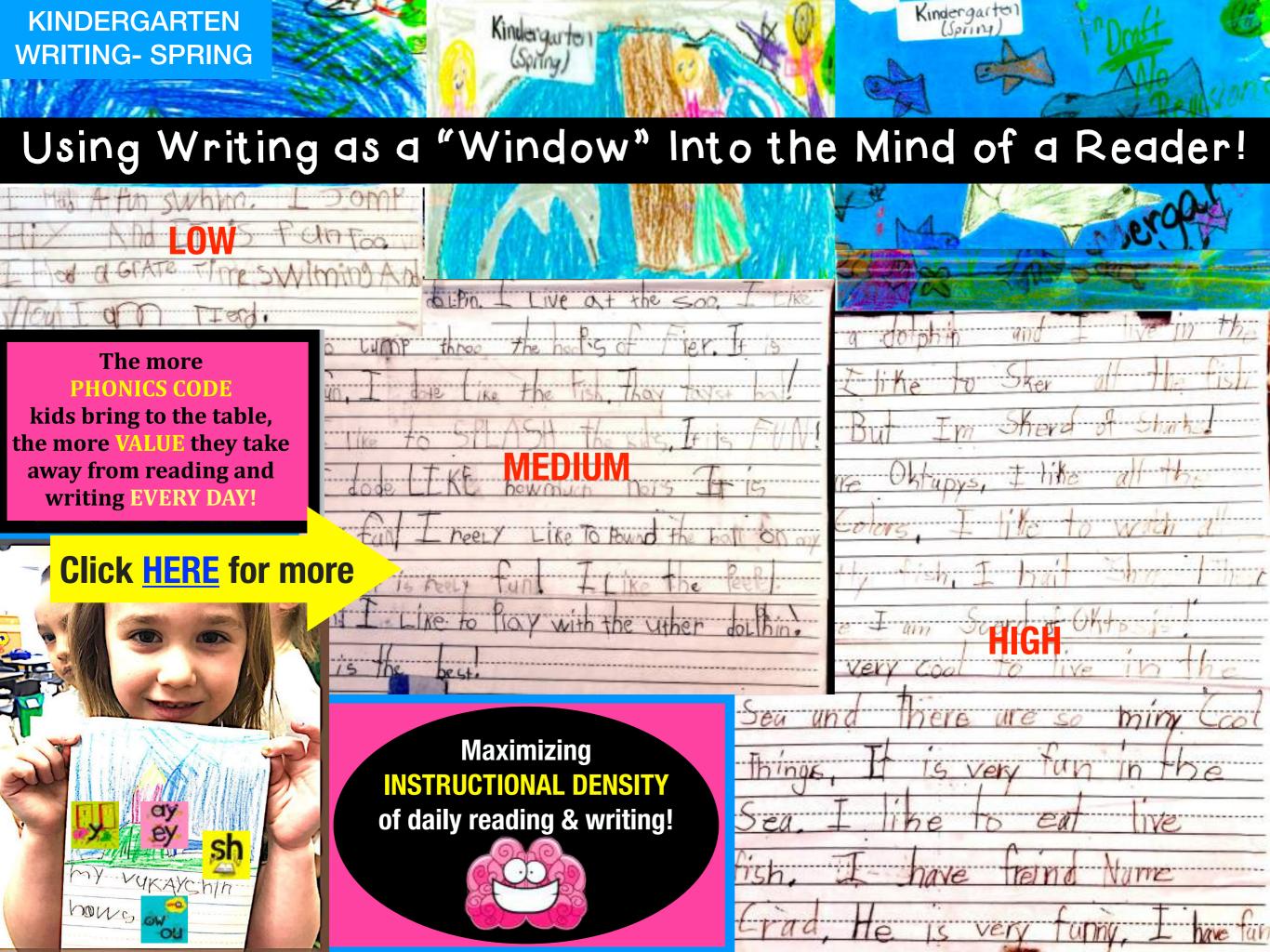


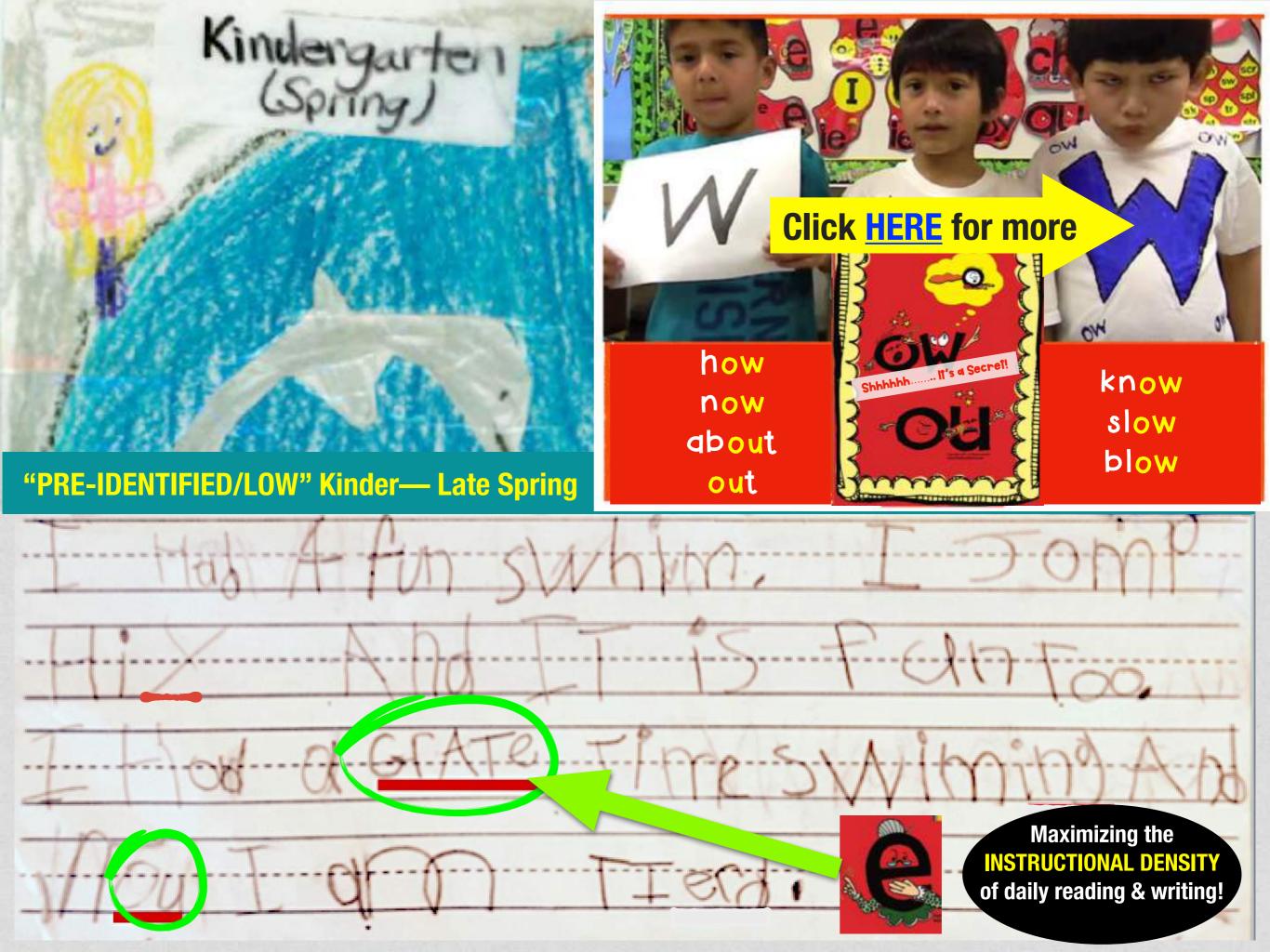
KINDER WRITING— 1 MONTH Mark

It's amazing what kids can do with MORE of the code,

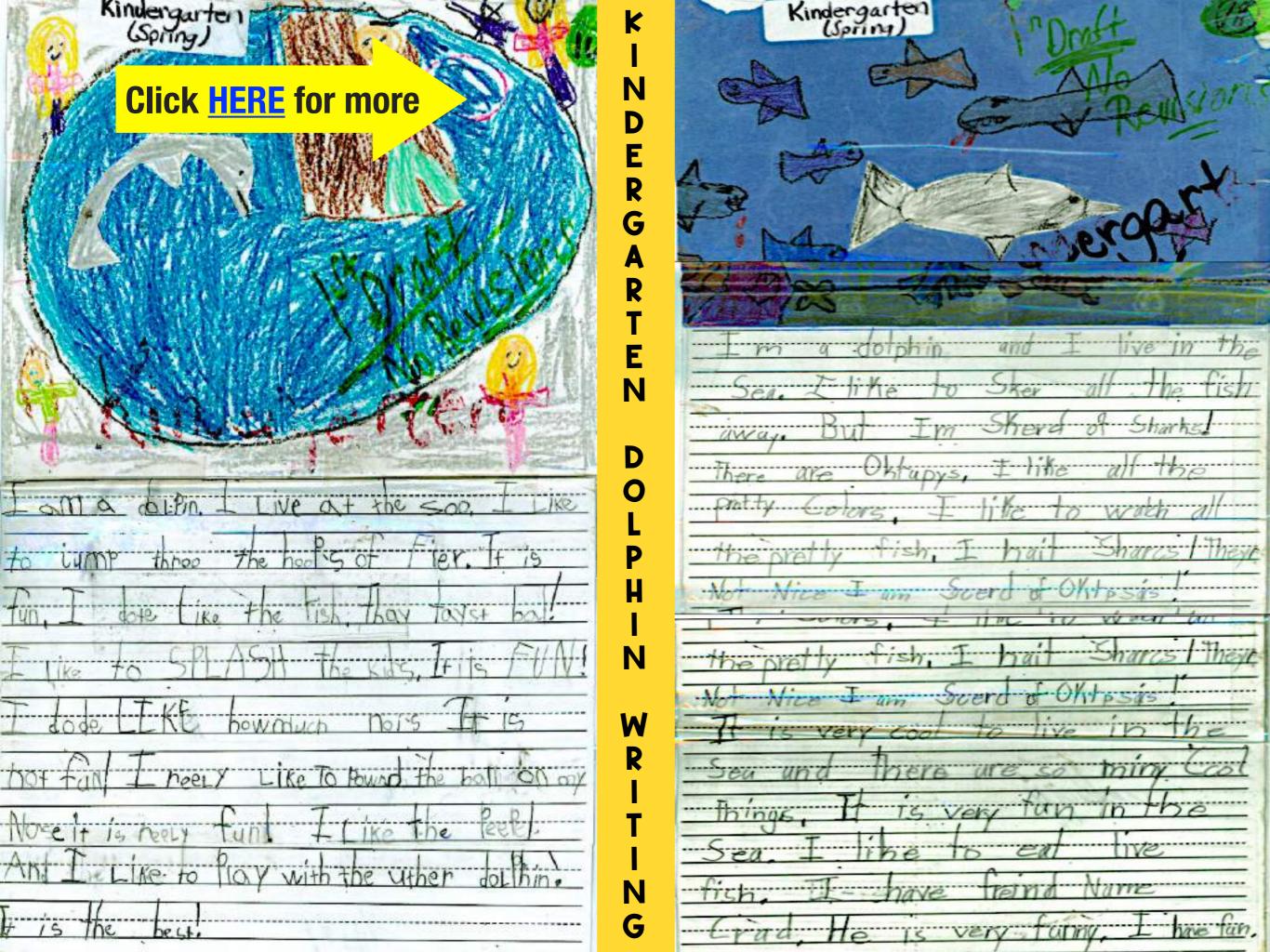
and how much more VALUE they can take away from daily reading and writing!







"Middle/Average" Kinder— Late Spring **Maximizing the INSTRUCTIONAL DENSITY** of daily reading & writing!





FIRST GRADE

Click HERE for more

how it is Gold is

Sparcly dimens. Some

dimens are sparclyer

then others Gold is mighty

Shiny when you put it in

light Gold looks like

many terific many Gold

will pay alot of stuff.

If you have a tocepit might

look like gold Goldist offy

hevy is way tons of pour

Times can't pick it up.

Tove hevy gold because

no one can take it.

Gold is wondirful.

I feel betterwith my

friends Orange is very

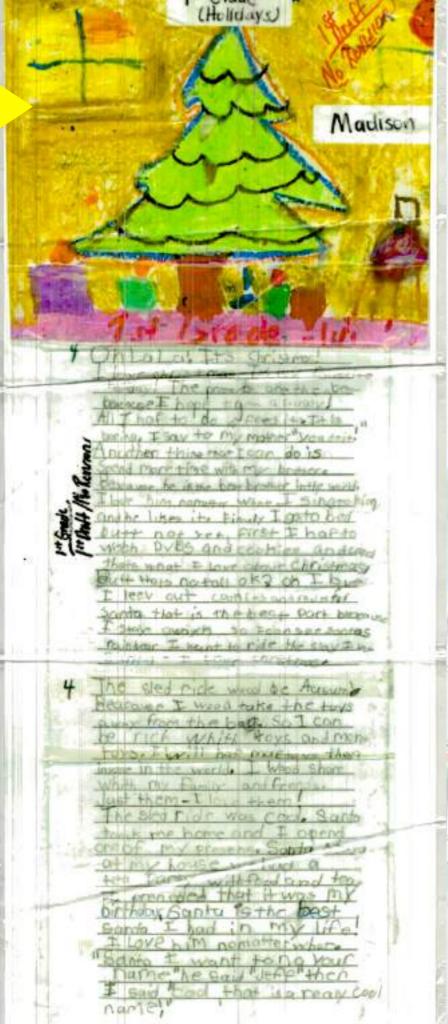
handy in life I need

orange for flamie fire

I also need orange to

Theed green for the grass. I also need blue for the trees.

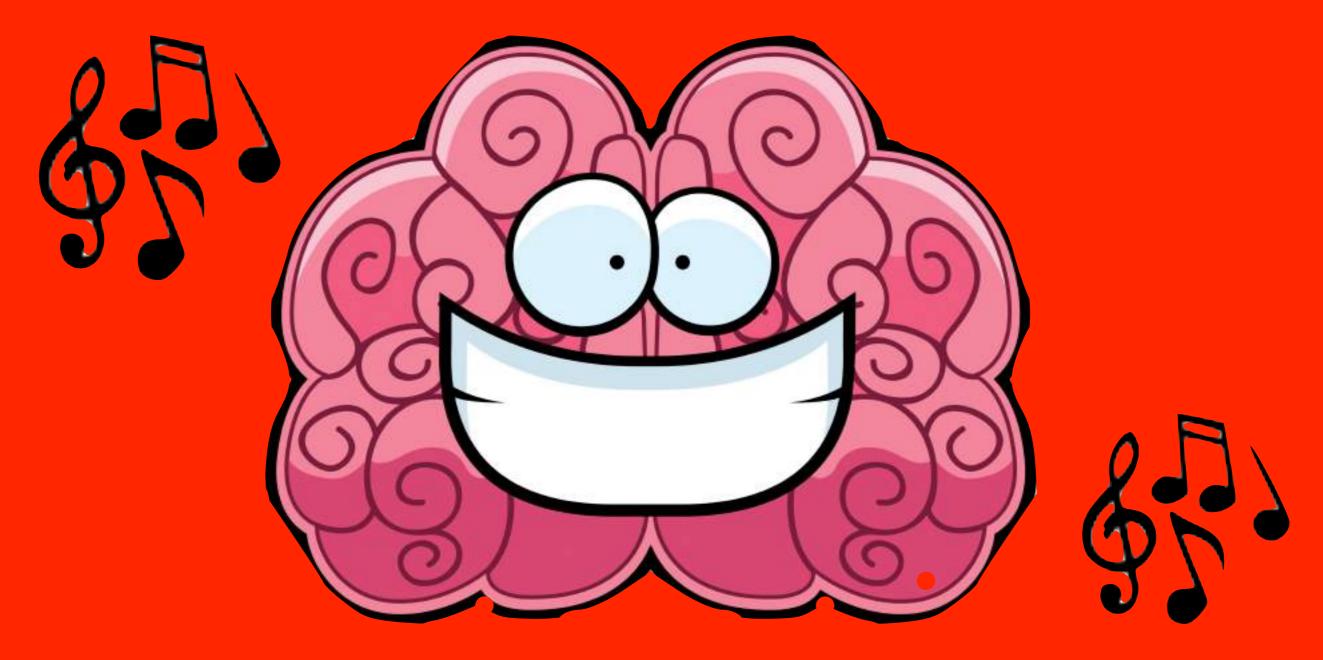
Theed blue for the shy, I also need blue for the helpful.



The Alines Problams
SELECTION OF THE SECOND
7.11 6
This is ado, He has brite
Breen Jealy whin share tooth
and daws, a stiny neakus
and spins a web on the
Plantet ucains, He's mad
fire at astronofs.
All his freinds can breath
fice. So orto whent away
Land, at y so a space floor
Then there was mother
Freblem Hir claws went
sharp. His men and dad's
staws are sharp then Als
claur were sharp assa
to the had no neaker.
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Increasing Sound-Skill Automaticity for DECODING and ENCODING



with MUSIC

THE LETTER RUNS



"Jedi-Style!"

STRESS LOW

Mimicking

DECODING & ENCODING



"Beethoven Blends" (CD - Tr. 15,16,17,18)

Click **HERE** to play video

with













Click HERE to play video

for

SKILL AUTOMATICITY

A "Playground" for Critical Thinking!



Teach so kids CAN'T TURN IT OFF!









I can't turn off

the READING!!!



















Teach the READER, not the READING!

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