

Michelle's Teaching Journey

✓ B.S. Elementary Education & Spanish

Michelle Leip -

Califord ✓ Hig

- $\checkmark 5^{th}$ grade teacher in Title 1 school in southern California
- ✓ High school English teacher
- ✓ M. Ed. from Harvard in School Leadership
- ✓ KIPP high performing charter school in urban or rural areas
- √5th grade teacher at a turn-around school in Boston
- √ researcher and author for Infinite Horizons –
- \checkmark Peace Corps Response Volunteer − Teacher trainer
- ✓... now... continuing to support teachers and

Today's Objectives: What's My Point and Why Am I Making It?

- * We now know how the learning brain works and what it needs to succeed.
 - * Varied pathways to learning = Differentiate
- * We need to design and plan our lessons in ways that the brain learns best!



Establish Class Routines and Norms

ROUTINES

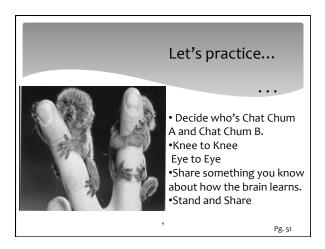
- * Chat Chums
- * Hand Raise and 1,2,3 Eyes on Me
- * Notes Making for strategies we learn today. ©

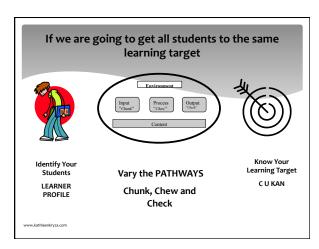
NORMS

- * Be RISK TAKERS! Ask Questions
- * Professional use of technology



Collaboration builds learning, responsibility, and students ownership

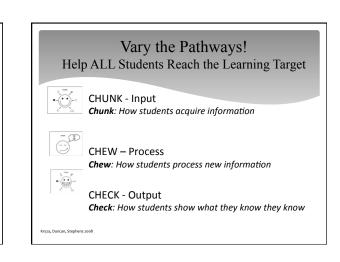




The more parts of the brain involved, the easier and more likely a memory will be retrieved. Physical movement has an inordinate amount of impact on creating and accessing memory. Moving releases acetylcholine, a neurotransmitter that aids in planting and retrieving long term memory. In short...

Movement helps cement memory!

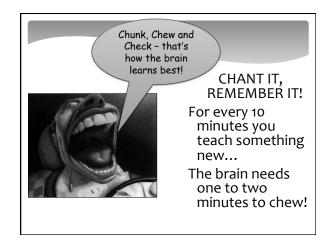




The Learning Brain

- * We are at an exciting and challenging crossroads in education. Science, especially neuro-imaging, is giving us real-time visual images of how the brain learns and which teaching strategies most successfully effect the learning process.
 - * Judy Wills, Neurologist and Teacher

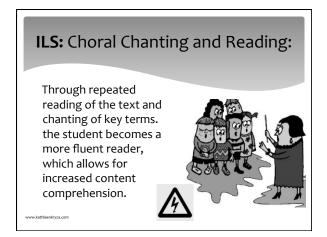


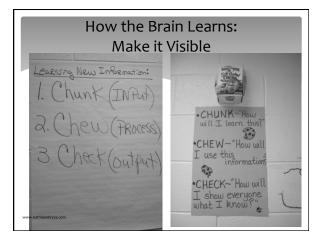


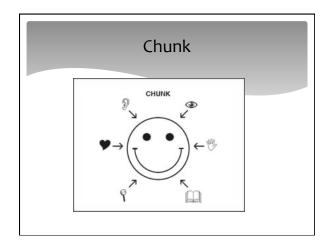
Time to Chew and Check!

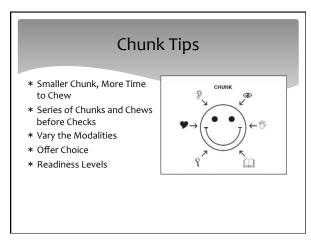
- * With your Chat Chum, you have one minute to come up with **movements** or a **picture** to help you remember...
 - * For every 10 minutes you teach something new, the brain needs one or two minutes to

* Intentional: I know why I'm doing what I'm doing. * Transparent: My STUDENTS know why I'm doing what I'm doing.









Think Series of Chunks and Chew Before Checks (Formative or Summative)

- st Sabrina was teaching a vocabulary lesson on to $5^{ ext{th}}$
- * She went over the new words on the board.
- * She then assigned a worksheet with drill and practice and floated about the room as the students worked independently on their worksheets.
- * They weren't misbehaving, but they weren't CHEWING in ways that were engaging or really made the learning stick.

Daily Lesson: Chunk, Chew and Check

Chunk 1 Teacher gives students the new word and has them Choral Chant it three times along with the definition.

Chew 1 Students turn and talk partners and each partner says the word and the definition. (Or each partner could draw a picture of the word, then share their pictures as they explain what they mean.)

Formative Check: Teacher walks around to observe if students are able to do

Chunk 2 Teacher gives the next word and students Choral Chant. Chew 2 Students do a problem from the book with table partners. Formative Check: Teacher walks around to observe if students are able to do

Chunk 3 Teacher explains a word game she wants them to play in groups. Chew 3 Students work in groups to play the word game. Check: Students create sentences using their new words.

Take a Look (Visual Chunk)

- Post a collection of photographs or charts in various locations around the class that are related to the learning target.
- Like an art exhibit, have students walk and study the photos without talking.
- Give them suggestions or a guiding question to focus their observations. Allocate a set amount of time at each exhibit with a timer or using music.
- When all students have observed all exhibits select a Chew activity for processing what they have seen.



Focus Question

What do these pictures tell us about our world, how we connect, the meaning behind the handshakes?

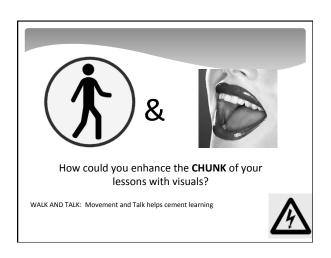


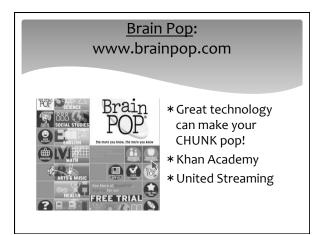


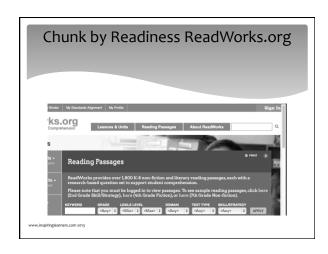
HONOR ALL LEARNERS

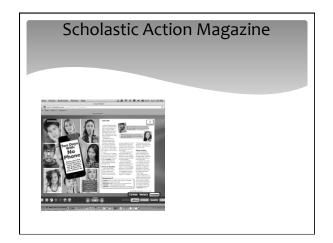
- * I think in pictures. Works are like a second language to me. I translate both spoken and written words into full color movies, complete with sound, which runs like a VCR tape in my head. When someone speaks to me, his words are instantly translated into pictures. Language-based thinkers often find this phenomenon difficult to understand.
 - * Temple Grandin, PhD

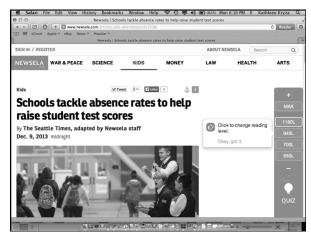


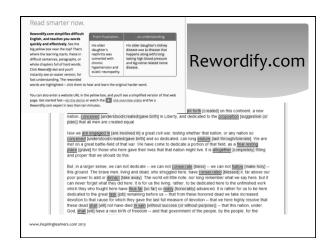


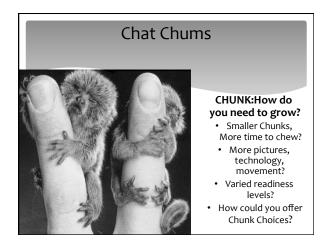




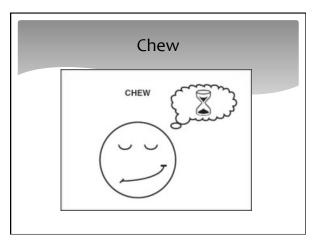














Chew: Build Collaboration * Think about it... * Note the ways we have * Chat Chum Partners collaborated and * Job Share chewed on new learning * Choral Chanting so far today? * Movement/TPR * Note that we used * Walk-Talk-Share varied learning * Note Making modalities * Other...

	Planner: Chunk, Chew, and Check	
www.kathleenkryza.com Free Resources/templates Chunk, Chew, Check Planner The Key teaching this way is to build chunk, chew and check time into your lesson plans.	Understand: Know: Able to do: Chuak - Info IN Chew - Process Check- Info Our	

* Formative and Summative * Students Need to Self-assess * Balance between traditional tests and quizzes and performance-based assessments.

