

# **EMS Education**

## **Duck Dynasty Style!**

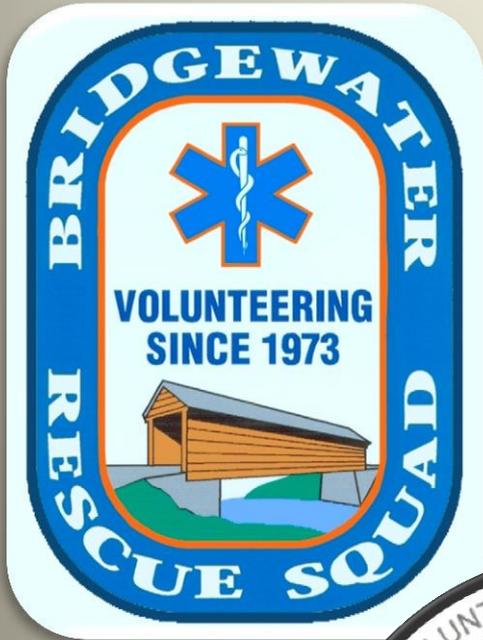
**Becky Anhold, VATL, ATC, EMT-E**

**Fort Defiance High School**

**Athletic Trainer, EMS Educator**

**DUCK DYNASTY**

# Becky Anhold



# What are we doing here?



# What are we doing here?

## Goals for today:

- 🦁 *Tips for maintaining student attention*
- 🦁 *Why teach Vocabulary?!*
- 🦁 *Active learning ideas.*
- 🦁 *Why the Duck Dynasty theme????.....let's tackle this one first!*

YOU NEED TO BE



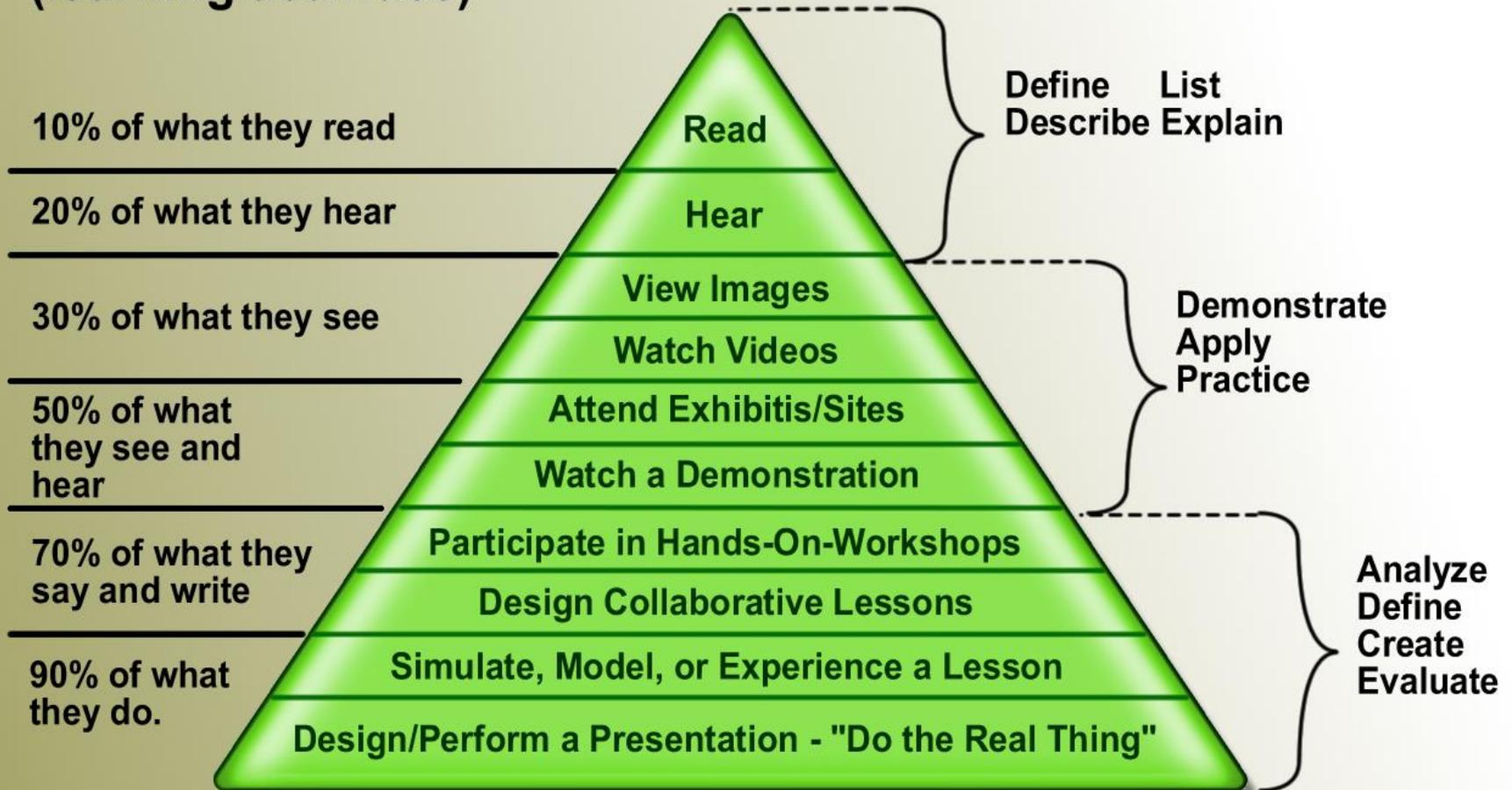
MORE PACIFIC

**How often do we have an “Uncle Si” as a student in EMS classes? We have to successfully teach ALL of our learners!**

# Edgar Dale's Cone of Experience

People generally remember...  
(learning activities)

People are able to...  
(learning outcomes)



**THERE ARE TWO KINDS OF PEOPLE IN THIS WORLD...**

**THE EDUCATED AND THE UNEDUCATED**



# **How do we keep our students attention?**

**"15-minute rule"**

**... content longer than 15 minutes will  
lose students' attention.**



# Attention Span

**In another study of student attention in the classroom...**

🦋 ***Attention lapses were noted during***

☀ initial minutes of “settling-in”

☀ again at 10-18 minutes into lecture

☀ then as frequently as every 3-4 minutes toward the end of class.



# Attention Span

**And yet in another study  
attention lapses were noted**

- just 30 seconds into a lecture***
- 4.5 to 5.5 minutes into the lecture***
- at 7 to 9 minutes***
- another at 9 to 10 minutes into the lecture***
- lapses occurred more frequently as the lecture progressed.***
- By the end, lapses occurred about every two minutes.***





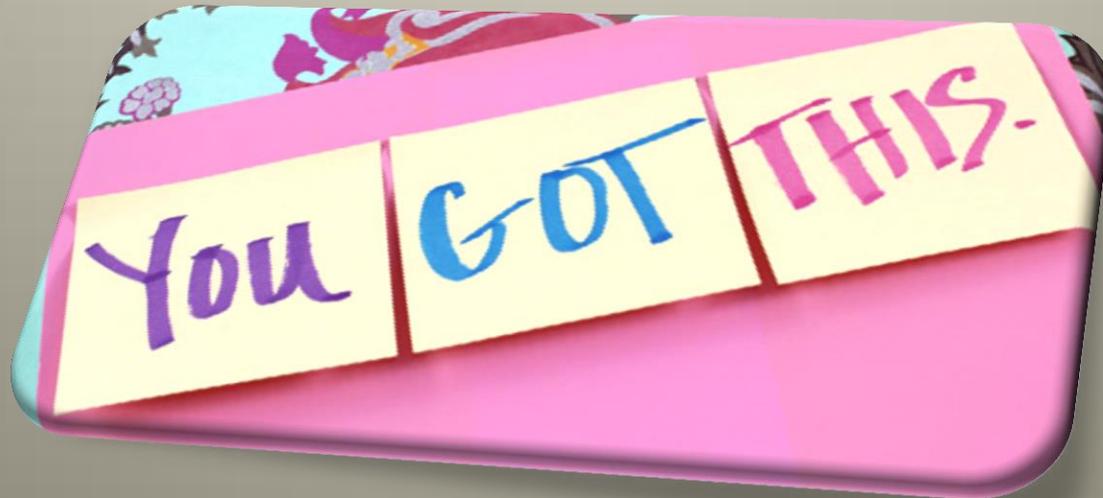
**When you don't  
know what  
you're doing,**

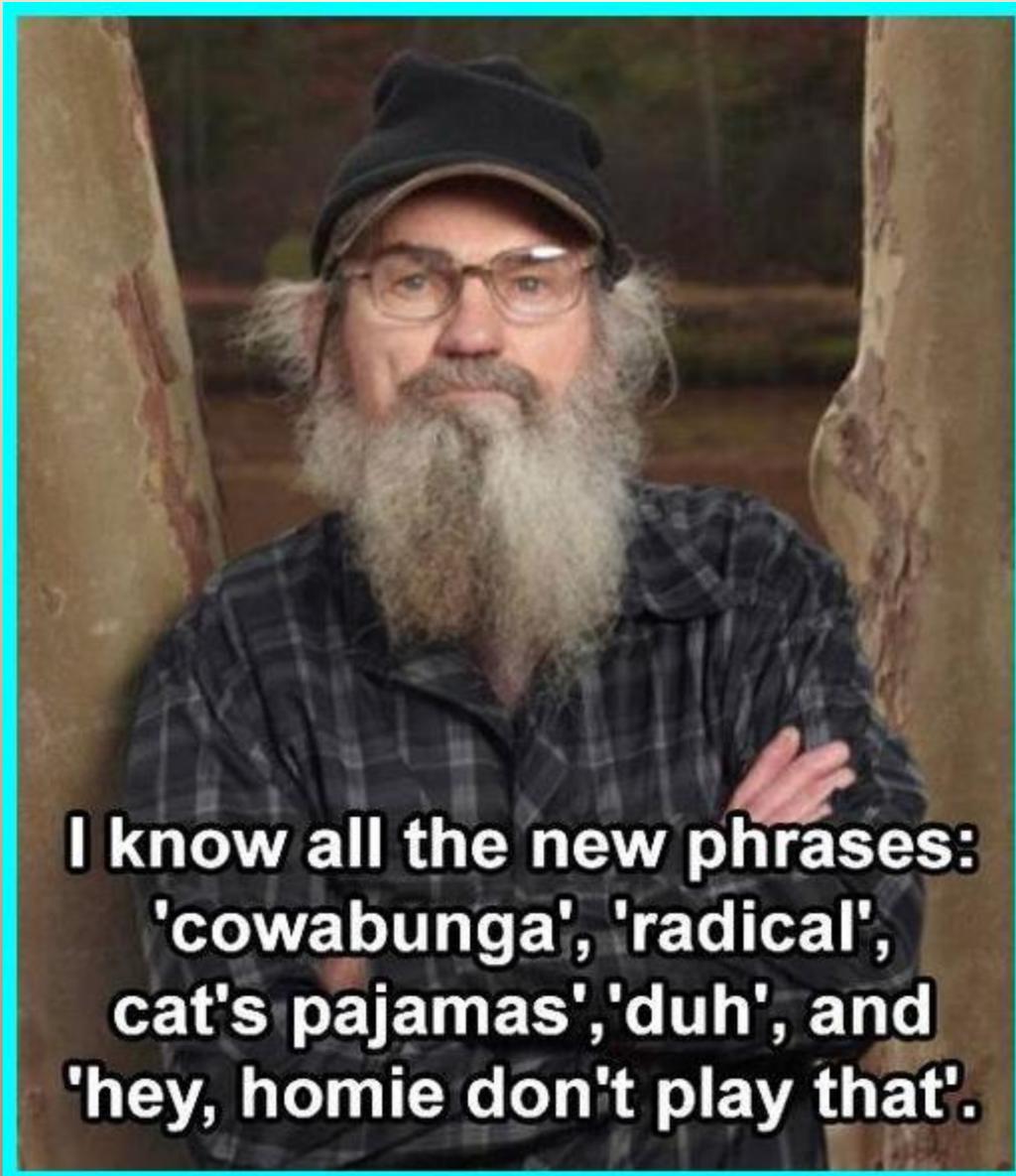
**it's best to  
do it quickly.**

# Attention Span

## Tips:

- 🌸 *Change activities frequently*
- 🌸 *Freedom to move around*
- 🌸 *Lots of audio & visual stimuli*





**I know all the new phrases:  
'cowabunga', 'radical',  
cat's pajamas', 'duh', and  
'hey, homie don't play that'.**

**Yes, but do your students  
understand these words?**

Lateral recumbent

contraindicate

assess

**subluxation**

supine

epiphysis

vasoconstriction

sprain

Lateral recumbent

**Question – how do you teach EMS Vocabulary?**

**I DON'T KNOW BOUT THIS**



**JUSTIN THE BEAVER**

# Vocabulary

## 3 Tiers of Vocab

### 1. *Basic words*

- Rarely require direct instruction
- Do not have multiple meanings

### 2. *High frequency words – occur often in mature language*

- Important for reading comprehension
- Contain multiple meanings
- Used across a variety of environments

# Vocabulary

## 3 Tiers of Vocab

**2. *High frequency words – occur often in mature language***

- Examples...masterpiece, fortunate, industrious, measure, benevolent

**3. *Low frequency words – occur in specific domains, subjects, or occupations***

- Learned when a specific need arises
- Examples – economics, isotope, asphalt, crepe

# Vocabulary Instruction

## Choosing Words to Teach

### Tier III

Tier III words are low-frequency words and are limited to a specific "domain". They often pertain to a specific content area. These words are best learned within the context of the lesson or subject matter.

*Examples: atom, molecule, metamorphic, sedimentary, continent*

### Tier II

Tier II words are high-frequency words that occur across contexts. These words are used by mature language users and are more common in writing than in everyday speech. Tier II words are important for students to know to enhance comprehension of a selected text. Tier II words are the best words for targeted explicit vocabulary instruction.

*Examples: hilarious, endure, despise, arrange, compare, contrast*

### Tier I

Tier I words are the words we use everyday in our speech. These words are typically learned through conversation. These are common words that rarely require direct instruction.

*Examples: come, see, happy, table*



# Vocabulary

**Fire and EMS classes use LOTS of Tier 3 vocabulary.**

***🦁 Vocabulary knowledge is CRITICAL to comprehension of subject matter!***



# Vocab Introduction

## Introduction of this week's Vocab words.

1	anatomy	the study of structure and form of a body
2	kinesiology	the study of human movement
3	physiology	the study of the functional processes of a body
	<u>ANATOMICAL &amp; MOVEMENT TERMS:</u>	
4	anatomical position	standing, facing forward with arms at sides and palms facing upward; Also called standard anatomical position
5	abduction	moving a body part away from the midline of the body
6	adduction	moving a body part toward the midline of the body
7	active range of motion	range of motion performed by the athlete
8	passive range of motion	movement performed by the examiner while the athlete relaxes all muscles.
9	acute	an injury of sudden onset and short duration
10	chronic	an injury with gradual onset and long duration

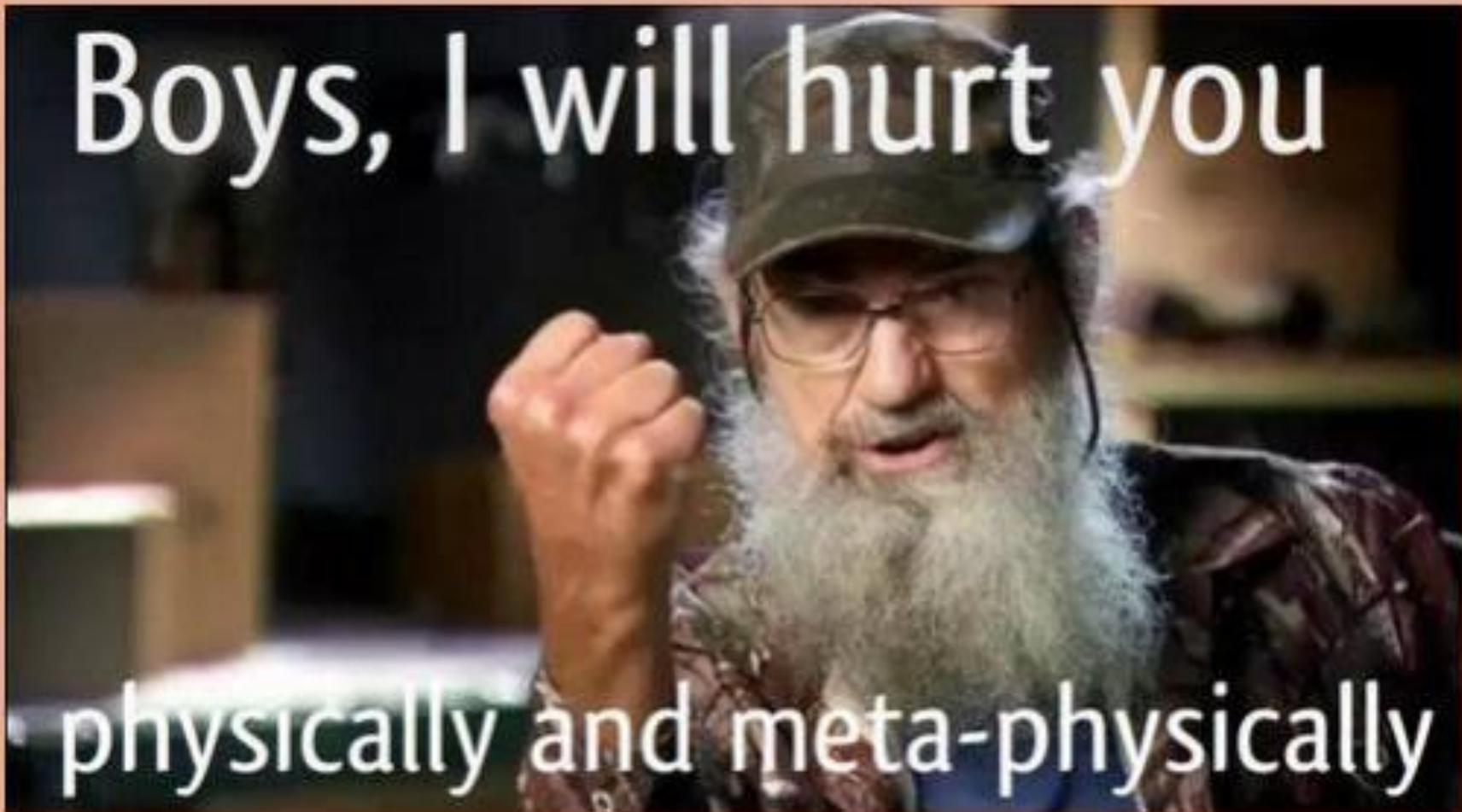
# Vocabulary

## Tips for Teaching Vocabulary

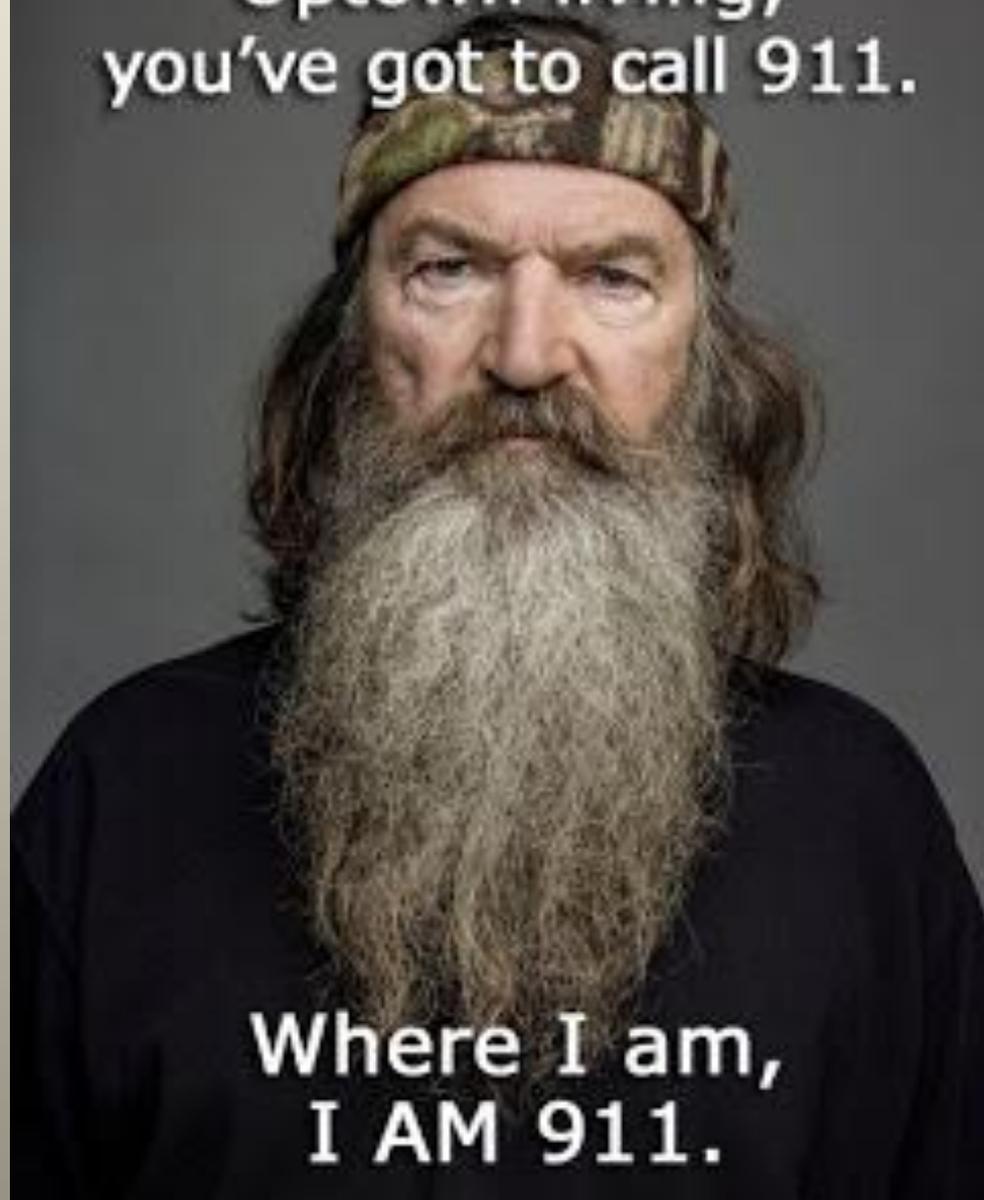
- 🦁 *Teacher says the word.*
- 🦁 *Teacher asks students to repeat the word 3 times.*
- 🦁 *Teacher states the word in context from the text.*
- 🦁 *Teacher provides the dictionary definition(s).*
- 🦁 *Teacher explains meaning with student-friendly definitions.*
- 🦁 ➔ *Engages students in activities to develop word/concept knowledge.*
- 🦁 *Teacher highlights grammar, spelling, polysemy (multiple meanings), etc.*

Boys, I will hurt you

physically and meta-physically



**Uptown living,  
you've got to call 911.**



**Where I am,  
I AM 911.**

# Duck Dynasty Style Activities



# Candy Body Parts Review



# Anatomy Food Day



# Anatomy Food Day



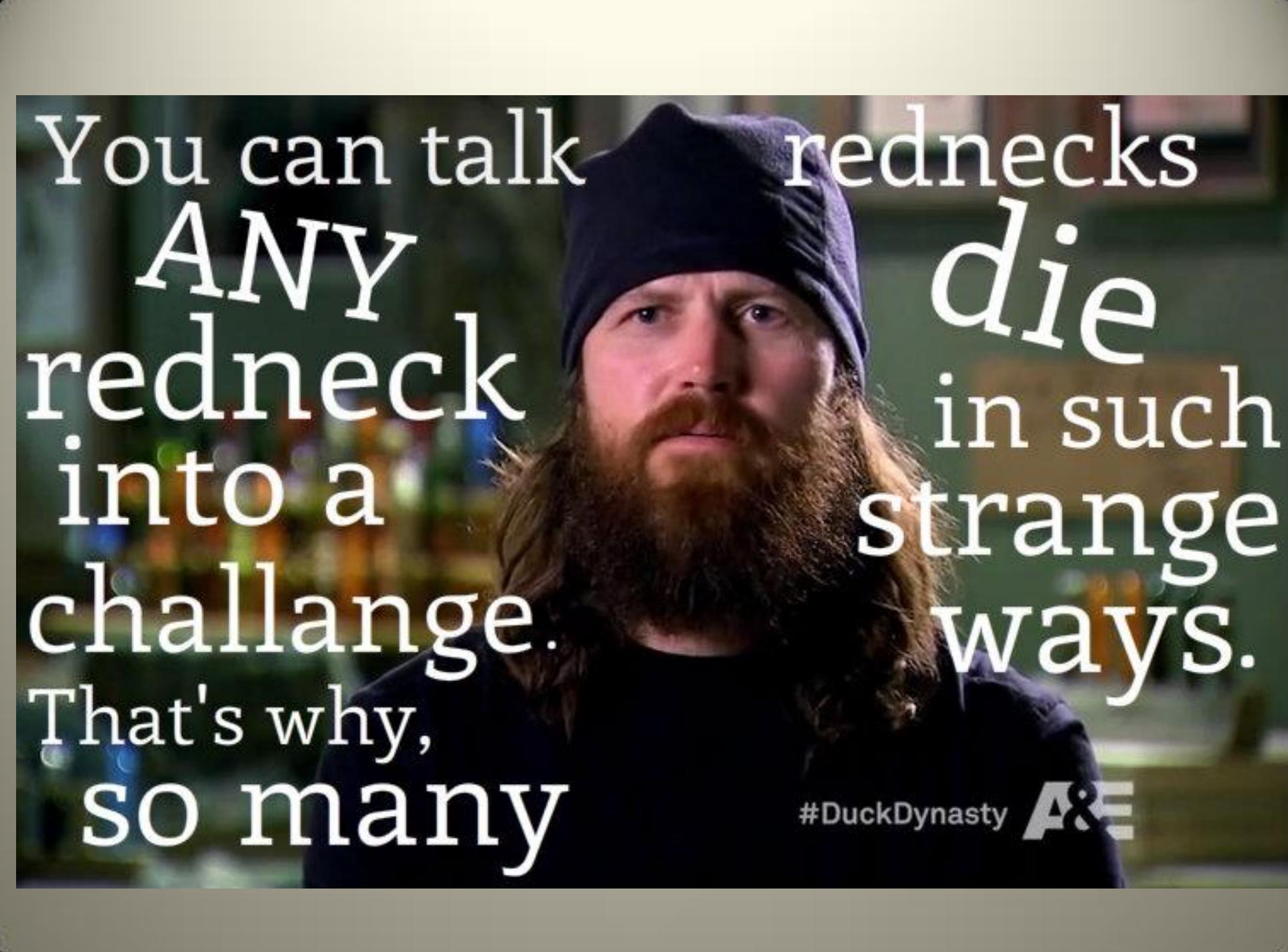
# Bones in a Box



# **Let's take a break!**

*Perhaps the simplest way to improve attention span is simply not to pay attention for a little while. Evidence shows that taking a break improves your ability to focus once you return to the task at hand.*

**Please take a few minutes to jot down some of the activities you use in class**

A man with a long, full brown beard and a blue beanie is looking directly at the camera with a serious expression. The background is blurred, suggesting an outdoor setting.

You can talk rednecks  
**ANY** redneck *die*  
into a in such  
challenge. strange  
That's why, ways.  
so many

#DuckDynasty **A&E**

# **RANDOM ideas:**

- 🦃 Turkey leg & Tongue Depressors (Fracture Splinting)***
- 🦃 Knowledge Bowl (Played like Jeopardy)***
- 🦃 Petroleum Jelly on Glasses (Glaucoma / Cataracts)***
- 🦃 Scene Size-up (With Matchbox cars & and “Town” Carpets)***
- 🦃 Toy Gun / Knife (Scene Safety)***

# **ideas for Prizes & Rewards:**

***🦋 Lifesavers candy***

***🦋 Nerds candy***

***🦋 Matchbox Ambulances or Rescue Helicopters***

***🦋 Anything with EMS on it... Pencils, Pens, Lapel pins, Stethoscope Tags***

***🦋 Pez Dispensers)***

***🦋 Award Bonus or Team points***

***🦋 Students young and old...LOVE PRIZES***

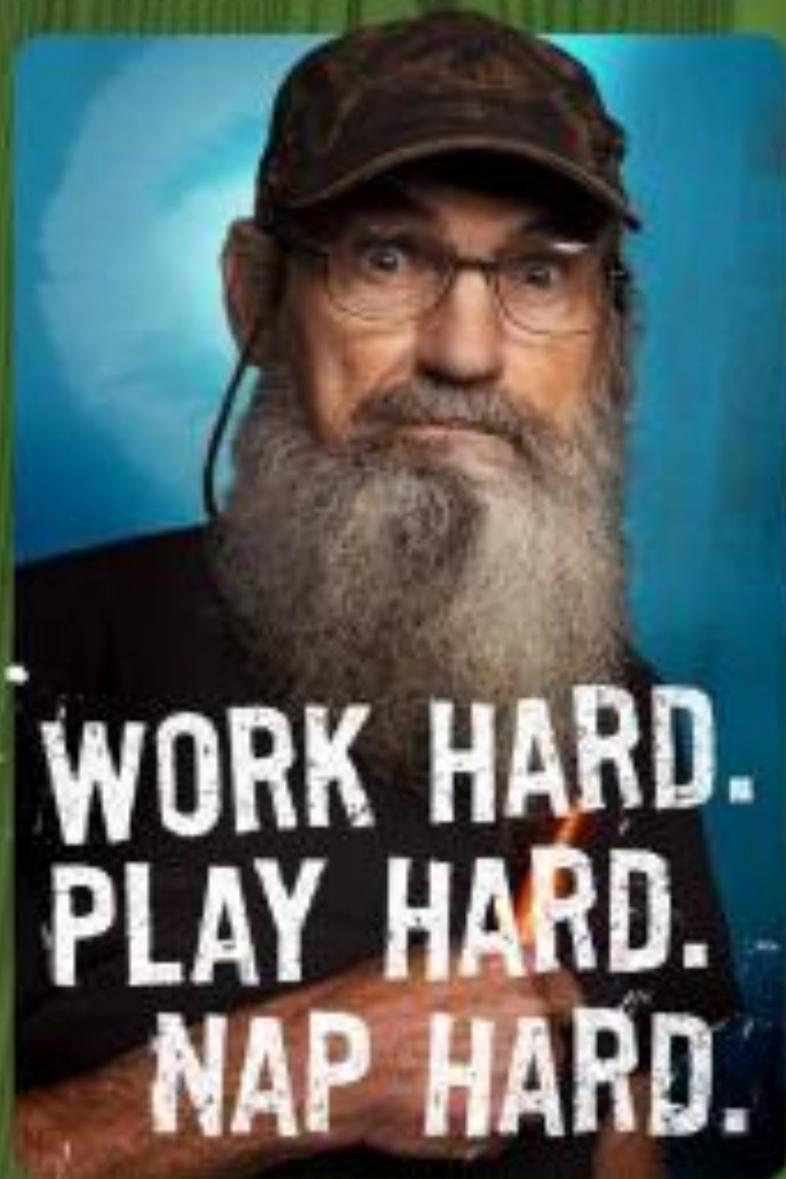
# Activities

**Time to get up and move around!**

 ***Groups of 5-6 students***

 ***Activities***

-  Bones in a Box
-  Glo-germ Handwashing
-  Vocab matching game
-  Barbie doll vocab review
-  MCI Tabletop



**WORK HARD.  
PLAY HARD.  
NAP HARD.**

**Let's gather around the table.**



# **Kudos to my Duck Dynasty Family!**

**The following contributed LOTS to this  
presentation!**

 *Jeremy “Jase” Wampler*

 *Bunny “Phil” Hearn*

 *Sandra “Si” Tram*

 *Bonnie “Jep” Caplinger*

 *And of course, there’s me, Becky “Miss Kay” Anhold*

 *Deborah Akers – One of the gorgeous daughter-in-laws!*