## **UNLOCKING SKILLED READING: BUILDING READING COMPREHENSION THROUGH TARGETED VOCABULARY** INSTRUCTION

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# LEARNING OBJECTIVES AND RECOGNITION

## **Learning Objectives**

- By the end of this session, the participant will be able to describe the simple view of reading, high-utility words, and key elements of effective vocabulary instruction.
  By the end of this session, the participant will be able to esteragize high utility from no
- By the end of this session, the participant will be able to categorize high-utility from nonhigh utility words in a passage.
- By the end of this session, the participant will be able to design a lesson plan for direct, explicit instruction of high-utility vocabulary.

## Recognition

• The information in this presentation is influenced by the work of Dr. Liz Stevens, Joan Sedita, and Dr. Anita Archer.



# WHY IS VOCABULARY IMPORTANT?

 Vocabulary is one of five core components of reading instruction that are essential to successfully teach children how to read. These core components include:

PHONICS AND WORD STUDY **PHONEMIC AWARENESS** FLUENCY

 Vocabulary knowledge is important because it encompasses all the words we must know to access our background knowledge, express our ideas, communicate effectively, and learn about new concepts.

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### VOCABULARY COMPREHENSION

(NATIONAL READING PANEL, 2000).

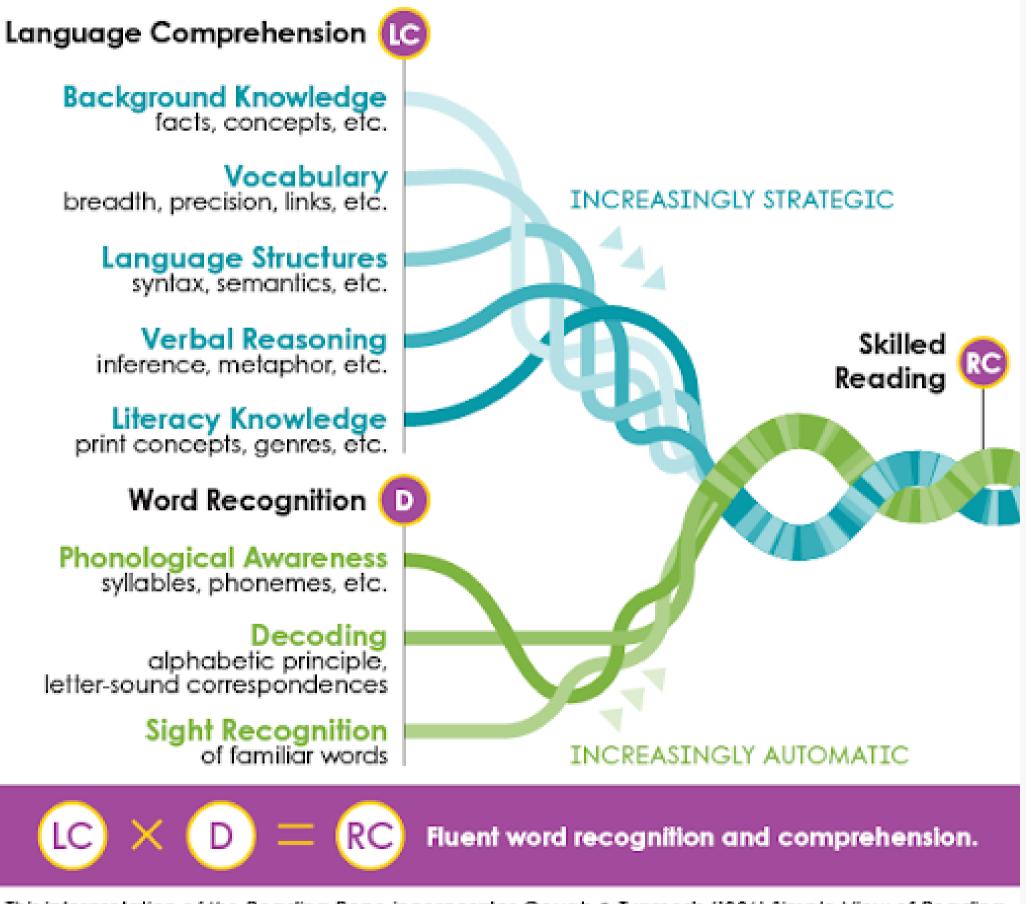
## Vocabulary is the glue that holds stories, ideas, and content together... making comprehension accessible for children.

(RUPLEY, LOGAN & NICHOLS, 1998/99).

# **MODEL #1 Simple View**

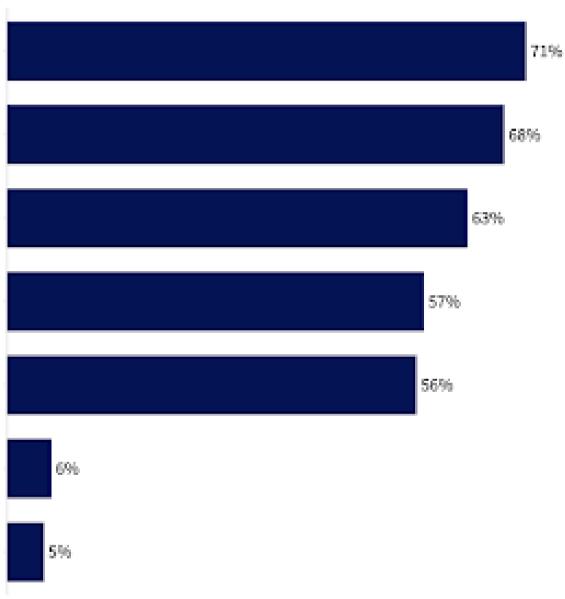
# **MODEL #2** Scarborough's **Reading Rope**

## Scarborough's Reading Rope



This interpretation of the Reading Rope incorporates Gough & Tunmer's (1986) Simple View of Reading.

### When (and if) your students in grades 3-8 struggle with reading comprehension, what component(s) of the process do they struggle with? Select all that apply.



They don't know enough vocabulary in the text

> They can't decode enough of the words in the text

They don't have enough background knowledge about the topic of the text

The text structure is too complex for them to understand

They don't have enough stamina to read through the whole text

> My students don't struggle with reading comprehension

> > Other



SOURCE: EdWeek Research Center

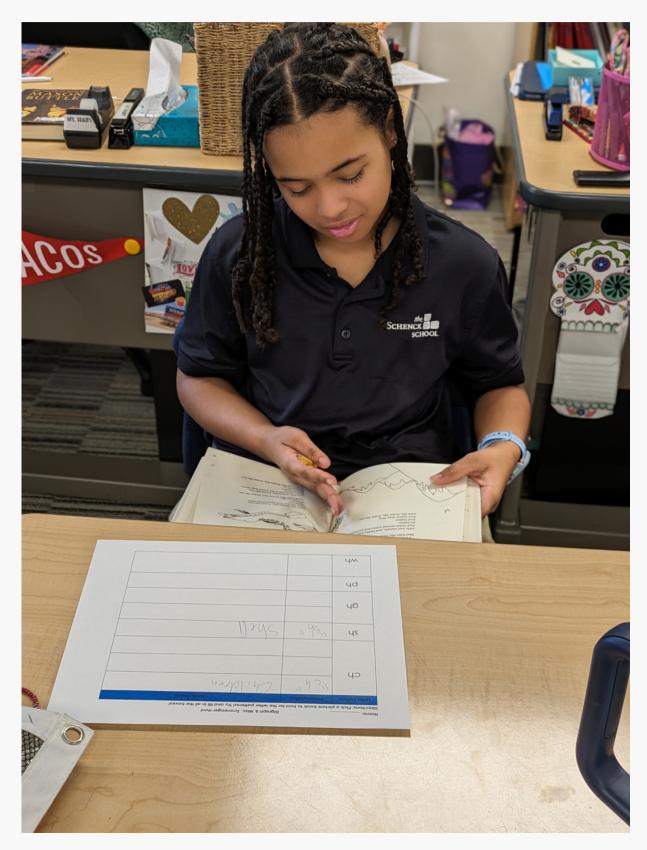


# LET'S TALK ALL THINGS VOCABULARY BREADTH VS DEPTH

- Vocabulary breadth How many words do you know?
- Vocabulary depth How much do you know about that word?

### VOCABULARY DEPTH **WIN-WIN**

- Vocabulary depth is a strong predictor of reading comprehension for advanced readers.
- Vocabulary depth is a strong predictor of reading comprehension for emergent readers.



BINDER, COTE, LEE, BESSETTE, & VU, 2017)

# LET'S TALK ALL THINGS VOCABULARY

### **BREADTH VS DEPTH**

### SEMANTICS

• The study of meaning in language.

### **SYNTAX**

• Syntax is the arrangement of words, phrases, and clauses in a sentence to make them sound and look meaningful.

### MORPHOLOGY

• Morphology is the study of how parts of words, called morphemes, create different meanings by combining with each other or standing alone.



### TOGETHER, THESE FORM THE "RICHNESS OF WORD UNDERSTANDING"



## **LEXICAL COVERAGE**

The percentage of known words in a given text has been employed extensively in determining the vocabulary size needed for the comprehension of written or spoken discourse.





# **LEXICAL COVERAGE**

**KNOWING 95-98% OF THE WORDS IN A TEXT IS NECESSARY FOR** HAVING AN ACCEPTABLE COMPREHENSION LEVEL,

95% IS THE THRESHOLD FOR MINIMUM COMPREHENSION,

**98% FOR OPTIMAL LEXICAL COVERAGE AND ALLOWS FOR UNASSISTED UNDERSTANDING OF TEXTS.** 

(SCHMITT, COBB, HORST, SCHMITT, 2017).

## We need to approach vocabulary development two-fold:



**EXPLICIT INSTRUCTION** 



**EXPOSING STUDENTS TO LOTS OF NEW** WORDS AND HAVING THEM READ A LOT. **INDIRECT INSTRUCTION ALSO INCLUDES HELPING STUDENTS DEVELOP AN APPRECIATION FOR WORDS AND EXPERIENCE ENJOYMENT AND** SATISFACTION IN THEIR USE

It is estimated that students can be taught explicitly some 400 words per year in school.



## **INDIRECT**

**EXAMPLES: AUDIO BOOKS, READ-ALOUDS, RE-READS.** 

(BAUMANN, KAME'ENUI & ASH, 2003)

(BECK, MCKEOWN &N KUCAN, 2002).

# What is KEY to effective vocabulary instruction?

# **VOCABULARY INSTRUCTION MUST BE EXPLICIT.**

- Easy-to-understand definitions are presented directly to students. along with,
- word,
- Brief discussion opportunities, and • Checks for understanding.





• Multiple examples and non-examples of the target



# What is KEY to effective vocabulary instruction?

### **VOCABULARY INSTRUCTION MUST INCLUDE MULTIPLE PRACTICE OPPORTUNITIES FOR USING WORDS** WITHIN AND ACROSS SUBJECTS.

Instruction must be extended over time with opportunities for students to hear, speak, read, and write words in various contexts.

This builds students' breadth and depth of vocabulary knowledge.

IT TAKES AS MANY AS

**TO LEARN A NEW WORD** 

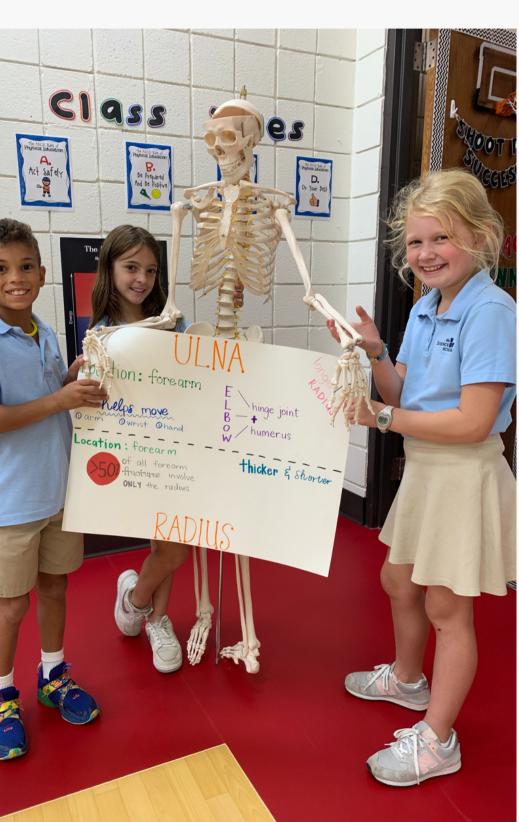


## **EXPOSURES FOR A STUDENT**



What is KEY to effective vocabulary instruction?

VOCABULARY SHOULD BE TAUGHT SCHOOLWIDE AND ACROSS ALL SUBJECT AREAS.



# **BECK'S 3 TIER MODEL OF VOCABULARY**

## TIER 1

TYPICALLY IN THE READER'S VOCABULARY AND SHOULD NOT BE THE FOCUS OF THE INSTRUCTION. MOST WORDS USED/FOUND IN ORAL LANGUAGE.



## **TIER 2\***

WORDS THAT CHARACTERIZE WRITTEN AND ESPECIALLY ACADEMIC TEXT—BUT ARE NOT SO COMMON IN EVERYDAY CONVERSATION

\*These words are sometimes called "high utility" words.





## TIER 3\*

RARE WORDS THAT ARE RECOMMENDED FOR INSTRUCTION ONLY WHEN THEY ARE ENCOUNTERED IN A TEXT. THESE ARE MORE DOMAIN-SPECIFIC OR FIELD OF STUDY TYPE WORDS. THEY TEND TO BE KEY IN UNDERSTANDING A NEW CONCEPT IN TEXT. FOR EXAMPLE, AORTA, CIRCUMFERENCE, AND FUEL INJECTION.

\*SOMETIMES CALLED "ACADEMIC CONTENT" WORDS.

(BECK, MCKEOWN, AND KUCAN 2008)

# **COMMON CONCERNS** How do I know which words to target?



## **WORDS TO CHOOSE**

- ESSENTIAL TO UNDERSTANDING THE MAIN IDEA OF THE TEXT OR UNIT
- USED REPEATEDLY OR FREQUENTLY ENCOUNTERED
- NOT PART OF STUDENTS' PRIOR KNOWLEDGE

## **WORDS NOT TO CHOOSE**

 CONCEPTS NOT CENTRAL TO THE TEXT OR UNIT PROPER NOUNS OR LATIN NAMES • SPECIFIC TO A CERTAIN SITUATION OR TOPIC (E.G., **DISCUSSED ONLY ONCE IN THE UNIT)** 

# **COMMON CONCERNS**

How many WORDS should be introduced at one time?

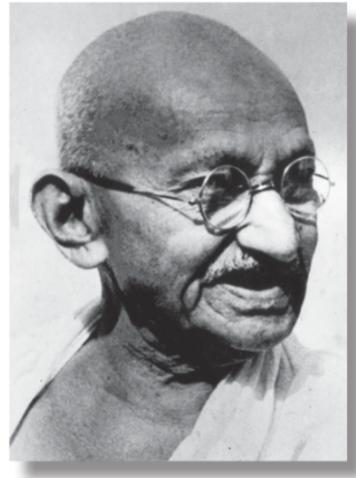
IF YOU ARE PRE-TEACHING WORDS FOR A SINGLE READING PASSAGE,

**2-3 WORDS** 

IF YOU ARE PRE-TEACHING WORDS FOR AN ENTIRE UNIT (OR FIRST HALF OF A UNIT),

**UP TO 5 WORDS** 

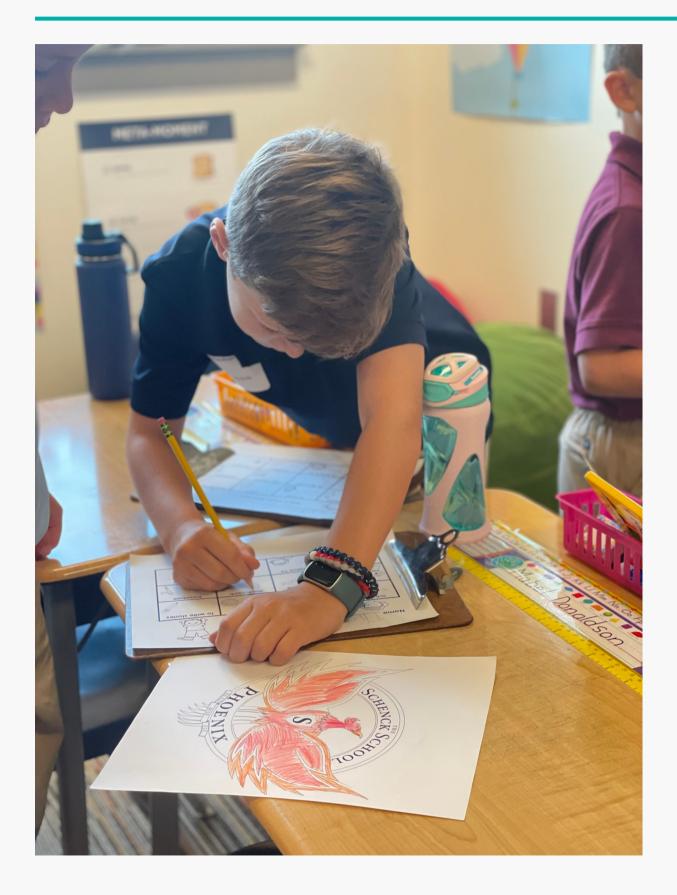
# Gandhi



Mahatma Gandhi is known throughout the world for his compassion, dedication to peace, and commitment to nonviolence. He enacted a great deal of change in his lifetime and made life better for many people of India. His success inspired other leaders, such as Martin Luther King Jr., to adopt nonviolent resistance techniques in their own struggles against injustice. But Gandhi was not born a leader. Specific events early in his life led him to that path.

Like India, South Africa was still under British rule when Gandhi

moved there in 1893. In South Africa, Gandhi realized that the large numbers of Indians (people from India) who were settled there were looked down upon as racial outcasts. South African whites considered the Indians inferior just because they were Indian. One day, Gandhi boarded a train with a first-class ticket in his hand. But when he sat down in the compartment, a white passenger complained about the presence of a darkskinned man in first class. The conductor ordered him to move back to third class. When Gandhi refused, because he had purchased a first-class ticket, the conductor threw him and his luggage off the train. He sat through a cold winter night in a waiting room, trying to decide whether he should stay and fulfill his obligations to his law client or return to India. He decided to stay.



# FIVE OF THE BEST VOCABULARY INSTRUCTIONAL **ACTIVITIES FOR ALL CONTENT** AREAS

# **1. ESSENTIAL WORD ROUTINES**

## **Graphic Organizer or Vocabulary Map**



**RESOURCES:** VOCABULARY MAPS TOOLKIT FROM

MIDDLE SCHOOL MATTERS **READING INSTRUCTION FOR MIDDLE** SCHOOL STUDENTS: DEVELOPING LESSONS FOR IMPROVING COMPREHENSION (SEE PAGE 11)

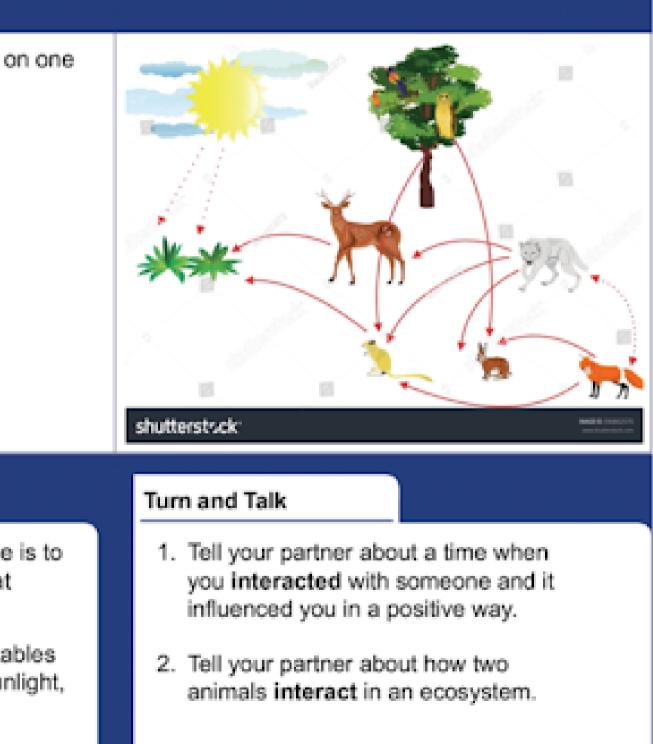
### interact (interactuar)

When two or more things have an effect on one another.

Synonyms: connect, influence, act together

### Example Sentences

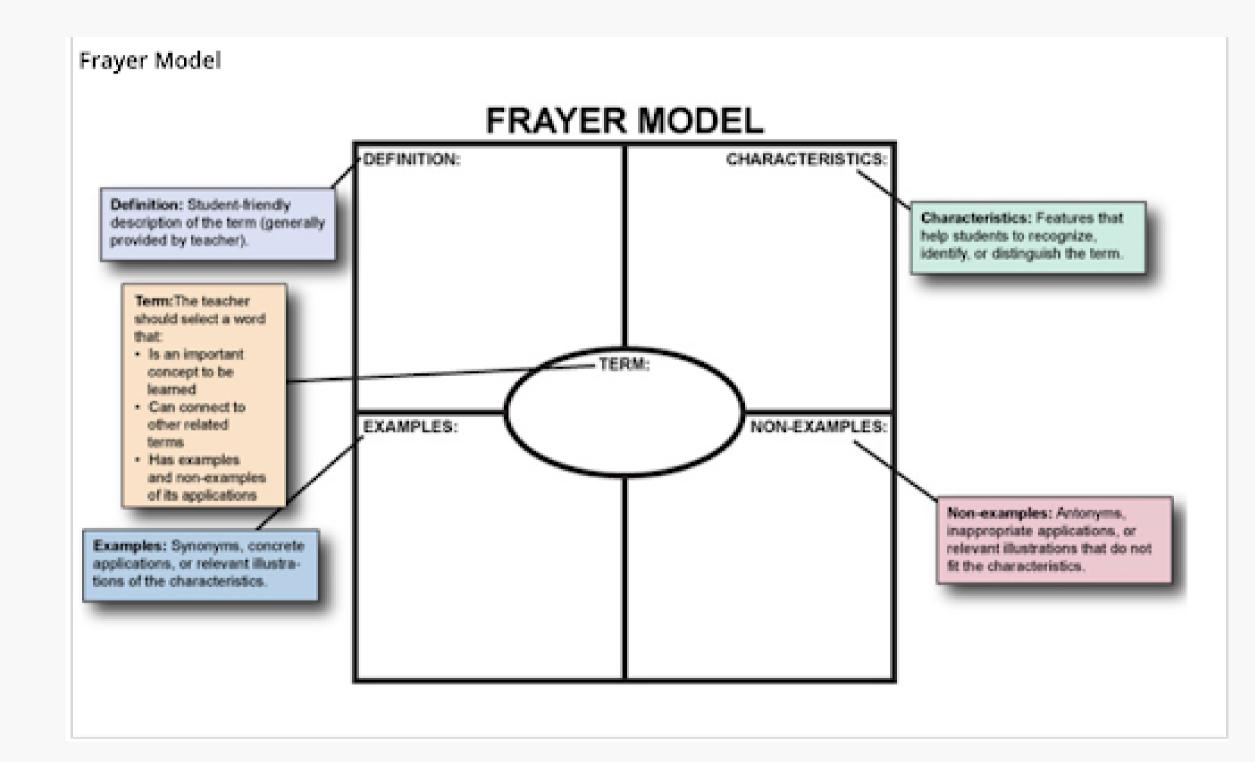
- 1. One way to learn a foreign language is to interact with native speakers of that language.
- The garden produced a lot of vegetables when it interacted with plenty of sunlight, rain, and warm temperatures.



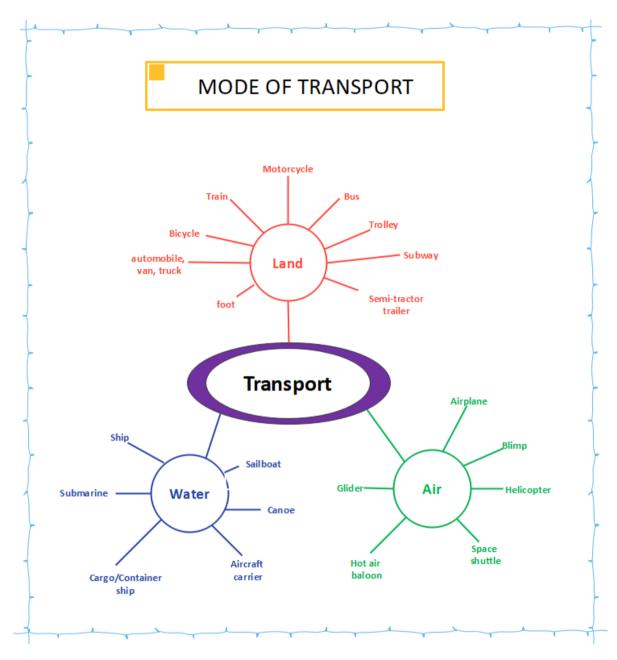
https://greatmiddleschools.org/toolkits/reading/vocabulary-maps/

# 2. FRAYER MODEL





# **3. SEMANTIC MAPPING**





### RESOURCES

INTRODUCTION TO SEMANTIC MAPS AND SAMPLE LESSON PLANS FROM THE DEVELOPERS OF POWERUP WHAT WORKS SEMANTIC MAPPING TEACHING STRATEGY GUIDE FROM POWERUP WHAT WORKS NATIONAL CENTER FOR INTENSIVE INTERVENTION

## **DIGITAL OPTIONS**

CHATGPT MINOMO MIRO POPPLET AYOA SIMPLEMIND MINDMUP MINDNODE CACOO MINDLY **XMIND** VISIO

# 4. VOCABULARY REVIEW ACTIVITIES -

### **PARTNER REVIEW ROUTINE:** PARTNERS WORK TOGETHER TO QUICKLY REVIEW WORDS LEARNED THE PREVIOUS DAY.

### SENTENCE REVIEW ROUTINE:

PARTNERS CREATE SENTENCES USING WORDS ASSIGNED BY THE TEACHER.

### **EXAMPLES AND NONEXAMPLES:** THE TEACHER TELLS STUDENTS SCENARIOS OR SHOWS PICTURES AND STUDENTS RESPOND CHORALLY TO EACH SCENARIO, INDICATING WHETHER IT IS AN EXAMPLE OR NONEXAMPLE.

### WHAT WORD FITS?

THE TEACHER ASKS A QUESTION AND STUDENT PARTNERS HOLD UP AN INDEX CARD WITH THE WORD THAT FITS OR ANSWERS THE QUESTION.

### RESOURCES

EACH ACTIVITY IS DESCRIBED IN MORE DETAIL BEGINNING ON PAGE 33 OF THE TCLD BOOKLET READING INSTRUCTION FOR MIDDLE SCHOOL STUDENTS: DEVELOPING LESSONS FOR **IMPROVING COMPREHENSION** 



# 5. MORPHEMIC ANALYSIS ROUTINE





- Find the root.

- ٠
- .
- Ask yourself, "Does it make sense?"

TALA

**RESOURCES** LEARN MORE ABOUT THE MORPHEMIC ANALYSIS ROUTINE BY **REVIEWING THIS ONLINE LEARNING MODULE FROM THE TEXAS** ADOLESCENT LITERACY ACADEMIES.

STRATEGIC INSTRUCTION MODEL (SIM) FROM THE UNIVERSITY **OF KANSAS - WORD MAPPING STRATEGY.** 

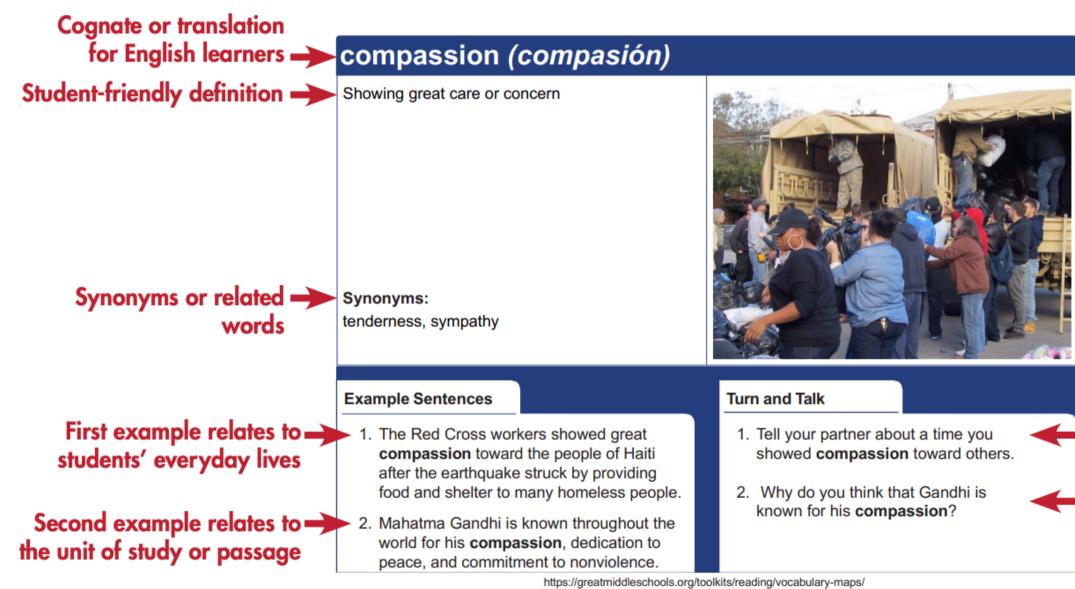


## **Morphemic Analysis Routine**

- Find the prefixes and suffixes.
- Think about what each part means.
- Use lists.
- Use other words that contain the part.
- Use context clues.
- Combine the meanings of the parts.
- Try the possible meaning in the sentence.

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## LET'S GIVE THIS A TRY USING ESSENTIAL WORD ROUTINES. (AKA VOCABULARY MAPS!)



Visual representation to make the word vivid

**First question** relates to students' prior knowledge - or experience Second question relates to your course content

## **ASK, "WHAT SHOULD STUDENTS LEARN FROM READING THIS PASSAGE? HOW DOES IT RELATE TO THE LEARNING OBJECTIVES FOR THIS UNIT OF STUDY?**"

**IDENTIFY THE PURPOSE FOR READING THE TEXT.** 

## **STEP 2**:

**READ THE TEXT** 

**IDENTIFY AND READ THE TEXT OR PASSAGE THAT YOUR STUDENT WILL READ.** 

## **STEP 1**:

# **TEACH HOW TO USE VOCABULARY MAPS** (PREP)



**EXAMPLE: THIS UNIT IS ON CIVIL RIGHTS. THEY ARE** GAINING AN UNDERSTANDING **OF CIVIL RIGHTS THROUGH** THE LIFE OF GANDHI.



## **STEP 3**:

## **CHOOSE TWO TO THREE WORDS TO TEACH EXPLICITLY BEFORE STUDENTS READ THE TEXT. WE NOW KNOW WHAT TO CHOOSE!**

- ESSENTIAL TO UNDERSTANDING THE MAIN IDEA OF THE TEXT OR **UNIT?**
- USED REPEATEDLY OR FREQUENTLY ENCOUNTERED ACROSS **DOMAINS?**
- NOT PART OF STUDENTS' PRIOR KNOWLEDGE?
- UNLIKELY TO BE LEARNED INDEPENDENTLY THROUGH THE USE OF **CONTEXT AND STRUCTURAL ANALYSIS**

(Popcorn out two to three words for us to use. Use the framework above, we are looking for highutility or TIER 2 words.)

# **TEACH HOW TO USE VOCABULARY MAPS** (PREP)

**STEP 4**:

**CREATE A** VOCABULARY MAP FOR EACH WORD OR **CONCEPT YOU** CHOOSE.

VOCABULARY WORD

- STUDENT-FRIENDLY DEFINITION OF THE WORD
- COGNATE OR TRANSLATION OF THE WORD, AS APPROPRIATE (USE WHEN THERE ARE ELLS IN YOUR CLASSROOM).
- VISUAL REPRESENTATION OF THE WORD
- SYNONYM(S) OF THE WORD
- EXAMPLE SENTENCES USING THE WORD
- TURN-AND-TALK PROMPTS FOR STUDENTS TO PRACTICE USING THE WORD AND FOR YOU TO MONITOR STUDENT UNDERSTANDING.
  - HOW TO STRUCTURE THE TNT?
    - PROVIDE A PROMPT FOR THE STUDENTS TO DISCUSS. THE PROMPT SHOULD **KNOWLEDGE OR LIFE EXPERIENCE.**
    - STUDENTS TURN TO THEIR SHOULDER PARTNER TO DISCUSS PROMPT FOR FOR UNDERSTANDING.
    - SELECT STUDENTS TO SHARE THOUGHTS AND IDEAS FROM THEIR **DISCUSSION WITH THE WHOLE GROUP.**





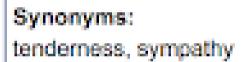
BE RELATABLE FOR STUDENTS SO THAT THEY CAN DRAW ON THIER PRIOR

**ONE MINUTE. MONITOR STUDENTS CONVERSATIONS SO THAT YOU CHECK** 



### compassion (compasión)

Showing great care or concern



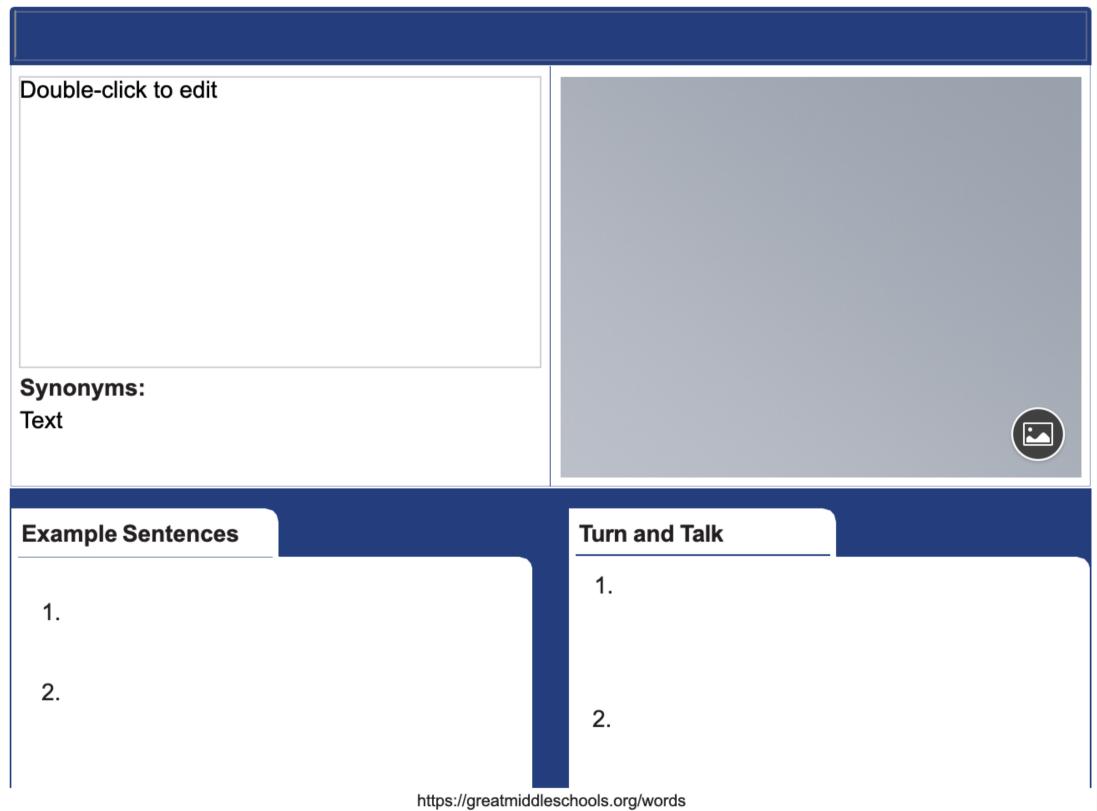


### Example Sentences

- 1. The Red Cross workers showed great compassion toward the people of Haiti after the earthquake struck by providing food and shelter to many homeless people.
- 2.Mahatma Gandhi is known throughout the world for his compassion, dedication to peace, and commitment to nonviolence.

https://greatmiddleschools.org/toolkits/reading/vocabulary-maps/









## DISPLAY THE VOCABULARY MAP AND DELIVER INSTRUCTION ONE WORD AT A TIME.

## **STUDENTS**

DO NOT TAKE NOTES DURING INSTRUCTION, BUT CAN RECORD A "CONNECTION" OR THEIR OWN NOTES ABOUT THE WORD IMMEDIATELY AFTER INSTRUCTION.

TRACK THE TEACHER WITH THEIR EYES DURING INSTRUCTION.

RESPOND TO ALL TEACHER PROMPTS AND DEMONSTRATE UNDERSTANDING OF THE WORDS DURING TURN-AND-TALKS.

**TEACH WITH A BRISK PACE** (3-5 MINUTES PER WORD).



### THIS IS ALL DONE PRE-READING.

# WALK THROUGH LESSON: **ESSENTIAL VOCABULARY MAPS 1.PRE-READING SETUP**

**DISPLAY THE VOCABULARY MAP.** 

**INTRODUCE THE VOCABULARY WORD AND STUDENT-FRIENDLY DEFINITION.** 

SHARE THE PICTURE AND PROVIDE AN EXPLANATION.

SHARE THE SYNONYM FOR THE WORD.

**PROVIDE EXAMPLE SENTENCES.** 

STRUCTURE THE TURN-AND-TALK PROMPTS TO ENSURE STUDENT UNDERSTANDING. (ABOUT 30 SECONDS PER PROMPT).





## compassion (compasión)

### Showing great care or concern

Synonyms: tenderness, sympathy

### Example Sentences

- 1. The Red Cross workers showed great compassion toward the people of Haiti after the earthquake struck by providing food and shelter to many homeless people.
- 2.Mahatma Gandhi is known throughout the world for his compassion, dedication to peace, and commitment to nonviolence.

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### Turn and Talk

- 1.Tell your partner about a time you showed compassion toward others.
- Why do you think that Gandhi is known. for his compassion?



## 2. GUIDE STUDENTS TO READ THE TEXT

**OURING OR AFTER READING,** ASK STUDENTS TO POINT OUT WHERE THEY FOUND THE TARGET WORDS OR CONCEPTS AND HOW THEY WERE USED IN THE TEXT.



## **3. PROVIDE ADDITIONAL OPPORTUNITIES TO PRACTICE TARGET WORDS.**

**E** DETERMINE WAYS IN WHICH STUDENTS WILL USE THESE NEW WORDS THROUGH DISCUSSION, READING, AND WRITING OVER THE COURSE OF THE UNIT.

**E** SPACE OUT PRACTICE OPPORTUNITIES OVER THE COURSE OF THE UNIT TO PROMOTE THE RETENTION OF WORD MEANINGS. EXAMPLE AND NONEXAMPLE QUESTIONS. STUDENTS LISTEN TO A SENTENCE AND DETERMINE WHETHER IT IS AN EXAMPLE OR NON-EXAMPLE OF THE TARGET WORD.

YOU COULD ALSO USE SENTENCE-CREATION PROMPTS TO PROVIDE STUDENTS WITH AN OPPORTUNITY TO DEMONSTRATE THEIR UNDERSTANDING BY CREATING THEIR OWN SENTENCES USING THE TARGET WORD.

**OURING A TALK-AND-TURN THE TEACHER** ASKS THE STUDENTS TO USE THE TARGET WORD IN A SENTENCE AND THEN TO SHARE THAT WITH THE CLASS.





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