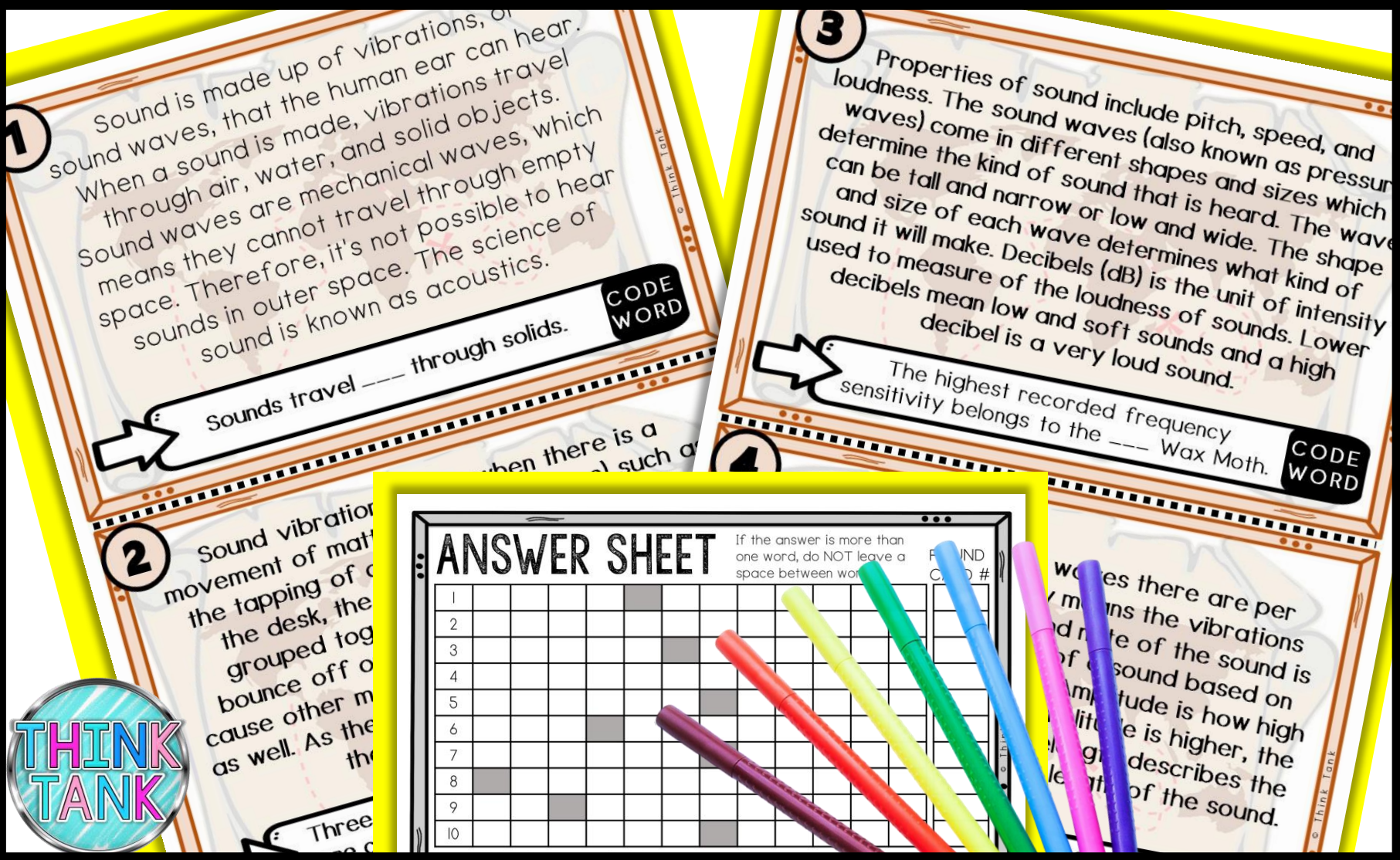
INTRO TO SOUND

SCAVENGER HUNT



1

Sound is made up of vibrations, or sound waves, that the human ear can hear. When a sound is made, vibrations travel through air, water, and solid objects. Sound waves are mechanical waves, which means they cannot travel through empty

3

Properties of sound include pitch, speed, and loudness. The sound waves (also known as pressure waves) come in different shapes and sizes which determine the kind of sound that is heard. The wave can be tall and narrow or low and wide. The shape and size of each wave determines what kind of sound it will make. Decibels (dB) is the unit of intensity used to measure of the loudness of sounds. Lower decibels mean low and soft sounds and a high decibel is a very loud sound.

The highest recorded frequency sensitivity belongs to the ___ Wax Moth. CODE WORD

5

Sound travels differently through different matter. The speed of sound describes how fast sound moves through the matter. For example, it travels quickly in water, slower through air and it travels the fastest through solids. This is because of how close molecules

7

For humans, sound is detected through the ear. Three tiny bones found inside the ear, called the hammer, anvil, and stirrup start to vibrate as sound waves enter the ear. Sound vibrations then move through an oval opening, called the cochlea.

Sounds with frequencies lower than 20 hertz are called ____. CODE WORD

9

The frequency of
measured in hertz (
frequencies lower th
called infrasound. W
frequencies over 2
called ultra

As a person gets old
likely to hear ___ fre

10

Did you know the loudest no
on Earth is a volcano eruptio

WHAT'S INCLUDED?

- ✓ 10 SHORT PASSAGES
- ✓ 10 QUESTION TRAILS
- ✓ RECORDING SHEET
- ✓ ANSWER KEY
- ✓ STUDENT DIRECTIONS
- ✓ TEACHER DIRECTIONS
- ✓ EXTENSION ACTIVITIES

TEACHER S

THIS SCAVENGER HUNT HAS TW
Part 1: Kids will read 10 short passages wh
of their next "clue" or code word. After fi
students will need to write them down on t
Part 2: Using the code word on each reac
unscramble the letters in the gray boxes t

All you have to do is print the 10 reading c
hide them! The more difficult the reading
more FUN the kids have AND the longer th

You will need to print [PAGE 10] for EVERY

ANSWER SHEET

If the answer is more than one word, do NOT leave a space between words.

FOUND CARD #

1					■								
2													
3						■							
4													
5							■						
6				■									
7							■						
8	■												
9			■										
10								■					

FINAL [illegible]RD ANSWER:

4 DIGIT C[illegible]

Next, using the numbers in the FOUND column in the SAME order in which you [illegible]rded them above; follow these clues.

Elimin[illegible]ighest and lowest number [illegible]UND column.

Get rid of all [illegible] that are spelled with jus[illegible]rs.

Eliminate numb[illegible]tart with the lette[illegible]

[illegible]NAL CODE
4 numbers remain (in [illegible]der you listed them)?

Name

VOCABULARY PRACTICE

Directions: Choose 5 words from the reading cards that are unfamiliar or new to you

WORD

Name

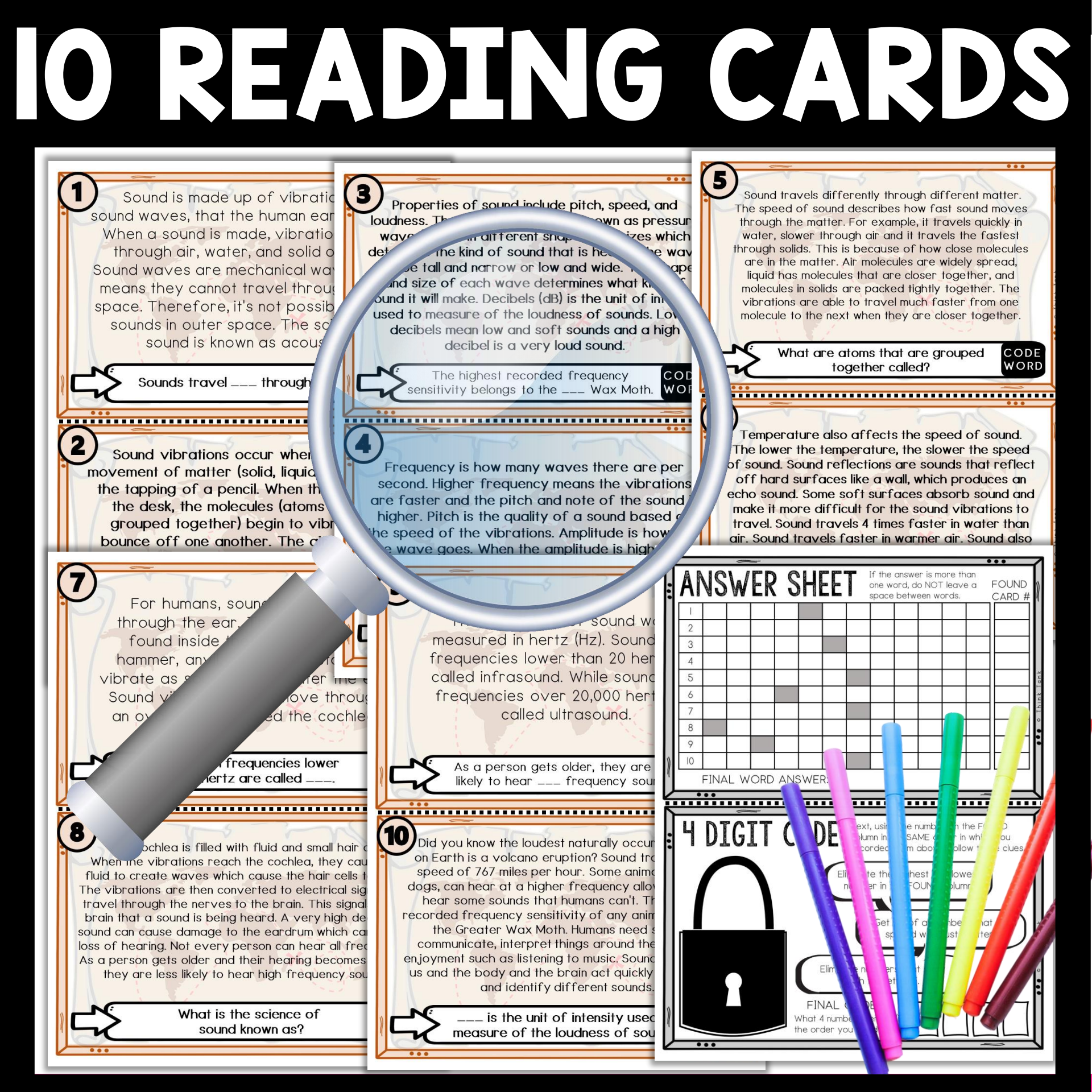
SUMMARIZE

TOPIC SENTENCE

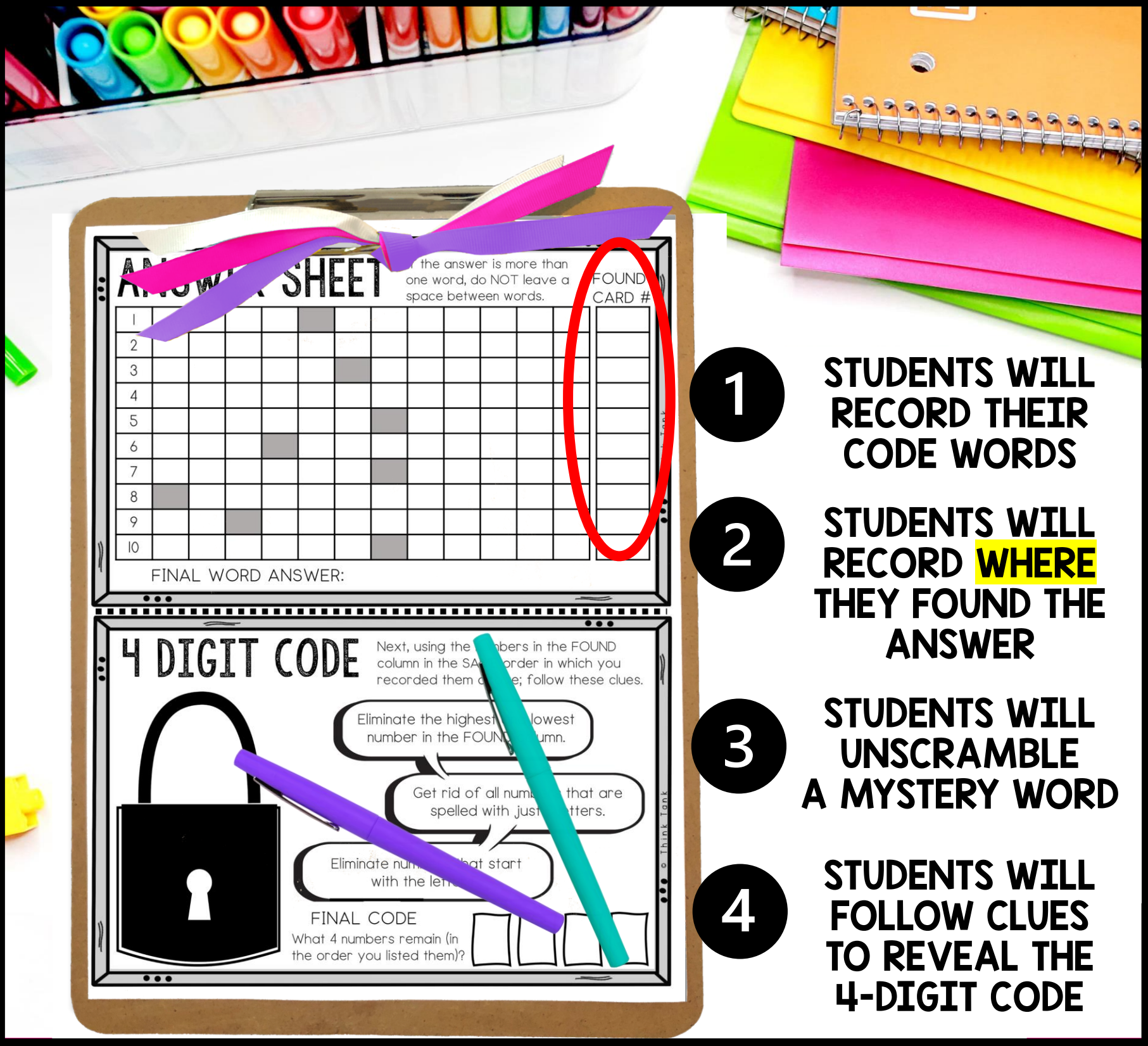
SUPPORTING DETAIL | SUPPORTING DETAIL | SUPPORTING DETAIL

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10 READING CARDS



CITE EVIDENCE



1. STUDENTS WILL RECORD THEIR CODE WORDS
2. STUDENTS WILL RECORD WHERE THEY FOUND THE ANSWER
3. STUDENTS WILL UNSCRAMBLE A MYSTERY WORD
4. STUDENTS WILL FOLLOW CLUES TO REVEAL THE 4-DIGIT CODE

HOW IT WORKS

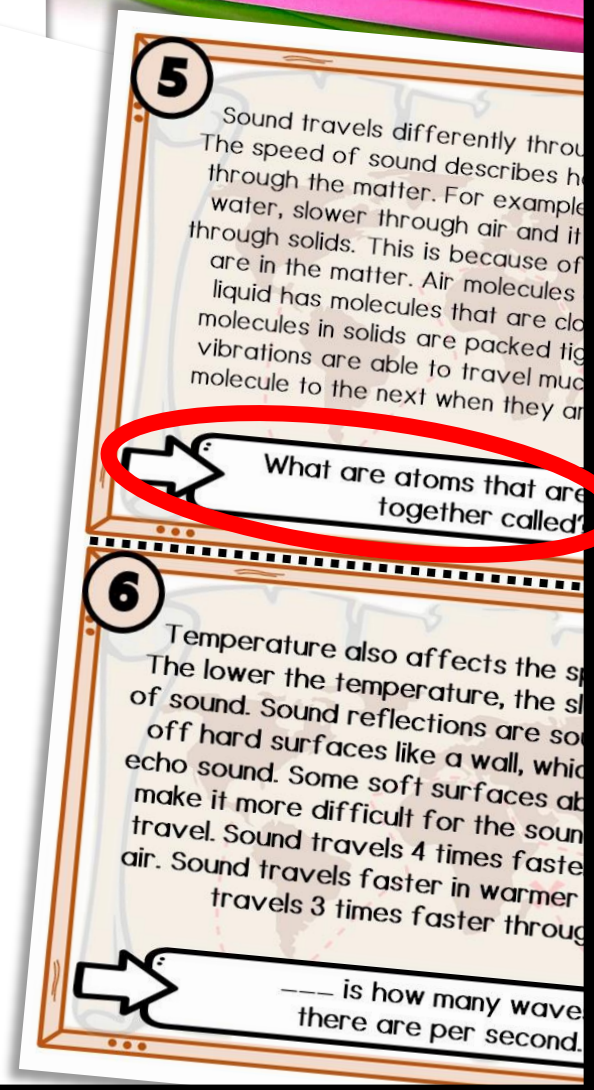


ENGAGING READING COMPREHENSION PRACTICE!

1. Students work individually (or in pairs) and visit 10 reading cards scattered around the room.

2. Students read the passage and look at the question at the bottom labeled "code word".

3. The code word for THAT card number will lead them to a different card. But here's the catch... students will NOT know where to find the code word answer so they will have to skim, browse and revisit the reading cards several times to find the answer they are seeking.



COMBINATION



This scavenger hunt is a winning combination of:

- ✓ movement
- ✓ close reading
- ✓ comprehension skills
- ✓ mystery words & codes
- ✓ citing evidence
- ✓ critical thinking

Everything a teacher dreams of wrapped up into one FUN and engaging activity!

OPTIONS



THINK OUTSIDE THE BOX!

- ANTICIPATORY SETS
- EARLY FINISHERS
- STATIONS
- SUB PLANS
- PARTNER WORK
- ENRICHMENT
- MOVEMENT
- CROSS-CURRICULAR
- HIGHLY ENGAGING

