

WHAT'S INCLUDED?

- ✓ READING PASSAGE
- ✓ 5 STATIONS
- ✓ TEACHER GUIDE
- ✓ ANSWER KEY
- ✓ STUDENT DIRECTIONS
- ✓ TEXT MARKING OPTION
- ✓ PROP SIGNS

STATION 1: FILL IN THE BLANK

Use your reading passage to determine the missing words in the paragraph below. Each missing word has a corresponding NUMBER. The 4-digit code for this station will be the NUMBER for each missing word, in the same order in which they appear in the paragraph. Then, record the clue LETTER on your answer sheet.

STATION 2: PARAGRAPHS

First, number ALL the paragraphs on your reading passage. Then, read each statement below and determine which paragraph NUMBER the statement can be found in. Paragraph numbers MAY be used more than one time or not at all. Follow the directions below to reveal the 4-digit code and letter clue.

STATION 3: TRUE OR FALSE

Read each statement below and determine if it is true or false. If the statement is true, color the coin on YOUR answer sheet that corresponds with that question. If the statement is false, cross out that coin value. When you are finished add the TOTAL of ALL TRUE coin values to reveal your letter clue. One digit of the code has been provided for you. If the total is 625, a 6 would go in the first box, the 2 in the second box and so on.

STATION 4: COMBINATION

Use your reading passage to determine the combination to the 4-digit lock for this station. You're going to have to use your critical thinking skills and do a tiny bit of math. Pay attention because the "clues" below are NOT in order. There is room on your answer sheet to do the math.

STATION 5: MULTIPLE CHOICE

Answer each multiple-choice question below. Then, count the number of times you used each letter answer (ABCD) to reveal your 4-digit code. Letters may be used more than once or not at all. If a letter option is not used, put a zero in that box on your answer sheet.

ANSWER RECORDING SHEET

Record your answers for each station on this sheet. Then, use the directions below to determine final 4-digit ALPHA code. Ex: HBDR

STATION CODES

LETTER CLUE

STATION 1
→ (CODE)

STATION 2
A B C D E F

STATION 3
→ (CODE)

ENTER

1

2

3

TEACHER DIRECTION

- 1 Print the reading passage found on [pages 5-6](#) for EACH (front and back).
- 2 Print the answer recording sheet on [page 12](#) for each student group of students.

RECAP: Print pages 5, 6, and 12 for students.

STATION

5

BLUE

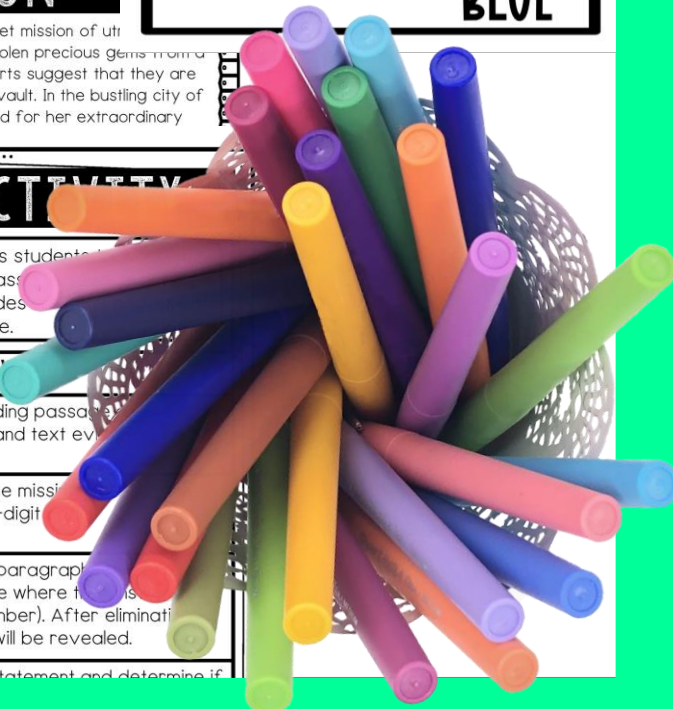
THE MISSION

You have been assigned a top-secret mission of utmost importance. A notorious thief has stolen precious gems from a prominent lady, and intelligence reports suggest that they are hidden in a heavily guarded secret vault. In the bustling city of Oakville, Lady Victoria was renowned for her extraordinary

ABOUT THIS ACTIVITY

The reading passage in this packet allows students to practice their comprehension skills after reading the passage. Students will be searching for evidence. Each station includes a question that will reveal a letter clue.

	OVERVIEW
READING PASSAGE	Students will use the reading passage at each station seeking answers and text evidence.
STATION 1	Students will determine the missing word in the paragraph to reveal a 4-digit code.
STATION 2	Students will number the paragraphs in the reading passage to determine where the missing words can be found (paragraph number). After eliminating the incorrect numbers, a 4-digit code will be revealed.
STATION 3	Students will read each statement and determine if it is true or false.



5 STATIONS

STATION 5: MULTIPLE CHOICE

Answer each multiple-choice question below. Then, count the number of times you used each letter answer (ABCD) to reveal a code. Letters may be used more than once or not at all. If an option is not used, put an X in that box on your answer sheet.

1. What are sounds with frequencies over 20,000 hertz called? What is the frequency measured in?

A. Ultrasound
B. Infrasound
C. Altosound
D. Amplitude

A. Amplitude
B. Hertz
C. Decibels
D. None of the above

2. What do properties of sound include? Give an example of each.

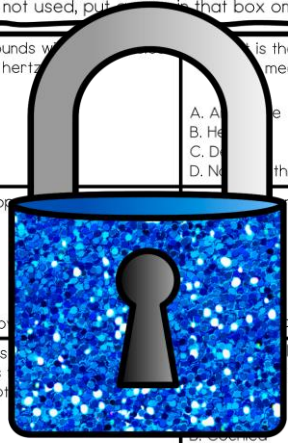
A. Pitch
B. Loudness
C. Speed
D. All of the above

3. Sound waves which means through empty space.

A. Automatic
B. Mechanical
C. Passive
D. Perpetual

A. Automatic
B. Mechanical
C. Passive
D. Anvil

Count how many times you used each letter answer to determine the 4-digit code and record it on your answer sheet.



ANSWER RECORDING SHEET

Record your answers for each station on this sheet. Then, use the directions below to determine final 4-digit ALPHA code. Ex: HBDR

STATION CODES	LETTER CODES
STATION 1: [] [] [] []	[] [] [] []
STATION 2: A [] B [] C [] D [] E [] F []	[] [] [] []
STATION 3: A $\frac{75}{75}$ B $\frac{25}{25}$ C $\frac{50}{50}$ D $\frac{100}{100}$ E $\frac{100}{100}$ F $\frac{75}{75}$ G $\frac{50}{50}$ H $\frac{25}{25}$	[] [] [] []
STATION 4: Do your math in this area: [] [] [] []	[] [] [] []
STATION 5: 1 [] 2 [] 3 [] 4 [] 5 [] 6 []	[] [] [] []

Final Code: A# [] B# [] C# [] D# []

STATION 4: COMBINATION

Use your reading passage to determine the combination to the 4-digit lock for this station. You're going to have to use your critical thinking skills and do a tiny bit of math. Pay attention because the "clues" below are NOT in order. There is room on your answer sheet to do the math.

1. The LAST number of the lock is the number of miles your sound travels MINUS 13.

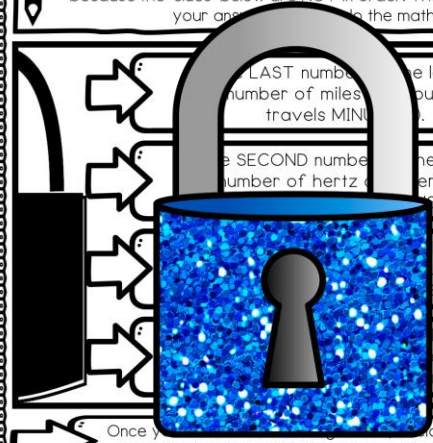
2. The SECOND number of the lock is the number of hertz that are 13.

3. The third number of the lock is the number of hertz that are 13.

4. The fourth number of the lock is the number of hertz that are MINUS 1.

Once you determine the 4-digit code, decide if the code uses all EVEN #s, all ODD #s or a combination of both.

ALL EVEN ALL ODD COMBO



STATION 1: FILL IN THE BLANKS

Use your reading passage to determine the missing word in each paragraph below. Each missing word has a corresponding NUMBER. The 4-digit code for this station will be the NUMBER of each missing word in the order in which they appear in each paragraph. The code will be recorded on your answer sheet.

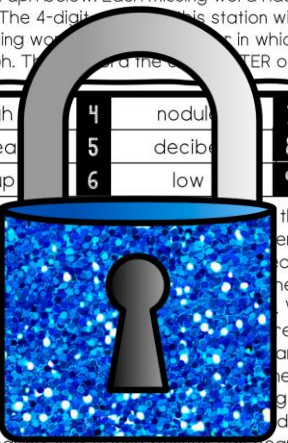
1. high	4. nodules	7. g
2. cornea	5. decibel	8. soil
3. stirrup	6. low	9. flu

For humans, the ear. The bones found in the ear, anvil, and start to vibrate in the ear. Sound waves then move through the cochlea. The cochlea is the part of the ear where sound waves reach the cochlea. When the sound waves reach the cochlea, they cause the hair cells to vibrate. This signals the brain to hear. A sound or sound waves which cause a loss of hearing. Not every person can hear all frequencies. A person gets older and their hearing becomes weaker, less likely to hear low frequency sounds.

Once you determine the 4-digit code, decide if the code uses all EVEN #s, all ODD #s or a combination of both.

ALL EVEN ALL ODD COMBO

B H M



STATION 3: TRUE OR FALSE

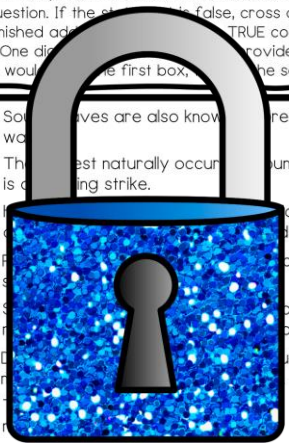
Read each statement below and determine if it is true or false. If the statement is true, color the coin on YOUR answer sheet with that question. If the statement is false, cross out that coin. Once you are finished coloring the coins, use the TRUE coin values to determine the final 4-digit code. One digit of the code is provided for you: 625, a 6 would go in the first box, and a 2 would go in the second box.

A $\frac{75}{75}$	A. Sound waves are also known as pressure waves.
B $\frac{25}{25}$	B. The loudest naturally occurring sound on Earth is a lightning strike.
C $\frac{50}{50}$	C. Sound waves travel faster in solids than in liquids.
D $\frac{100}{100}$	D. Sound waves travel faster in air than in water.
	E. Sound waves are made up of vibrations.
	F. Sound waves travel faster in water than in air.
	G. Sound waves travel faster in air than in water.
	H. When a sound is made, vibrations travel through air, water, and solid objects.

After shading the coins on your answer sheet, use the TRUE statements to get the final total.

300 325 3

G D M



STATION 2: PARAGRAPHS

First, number ALL the paragraphs on your reading passage. Then, read each statement below and determine which paragraph NUMBER the statement can be found in. Paragraph numbers MAY be used more than once or not at all. Follow the directions below to determine the 4-digit code and letter clue.

A. The shape and direction of each wave determine what kind of sound it will make.

B. Sound travels faster in warmer air.

C. The highest frequency sound that can be heard by any animal belongs to the human ear.

D. While sounds travel through air, some sound waves are called ultrasound.

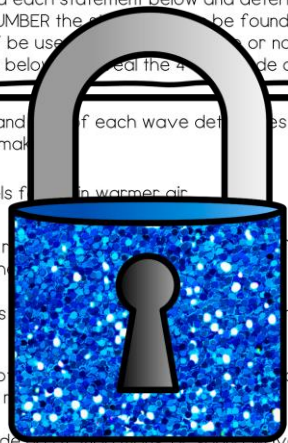
E. The speed of sound waves through the air is constant.

F. Sound is made up of vibrations, or sound waves, that the human ear can hear.

ELIMINATE the highest and lowest used paragraph numbers and record the remaining 4-digit code on your answer sheet. Decide which paragraph number was NOT used as a CODE answer.

NO 6 NO 7 NO 4

L C W



STATIONS

ABOUT THIS ACTIVITY

The reading passage in this packet allows students to work on comprehension skills after reading the passage several times searching for evidence. Each station includes a 4-digit code that will reveal a letter clue.



OVERVIEW

READING PASSAGE	Students will use the reading passage at EACH station seeking answers and text evidence.
STATION 1	Students will determine the missing words in the paragraph to reveal a 4-digit code.
STATION 2	Students will number the paragraphs and browse the passage to determine where the answers can be found (paragraph number). After eliminating numbers, a 4-digit code will be revealed.
STATION 3	Students will read each statement and determine if it is true or false. They will then ADD all TRUE values to find the 4-digit code.
STATION 4	Students will do some basic math here, read the passage to find the answers and then determine the 4 digit code.
STATION 5	Students will answer 6 multiple choice questions which lead them to a 4 digit code based on the number of times they used each "ABCD" answer.
TEXT MARKING	OPTIONAL: A color code chart is included in case you want students to mark the text, citing evidence of where they found their answers. (This will increase completion time)

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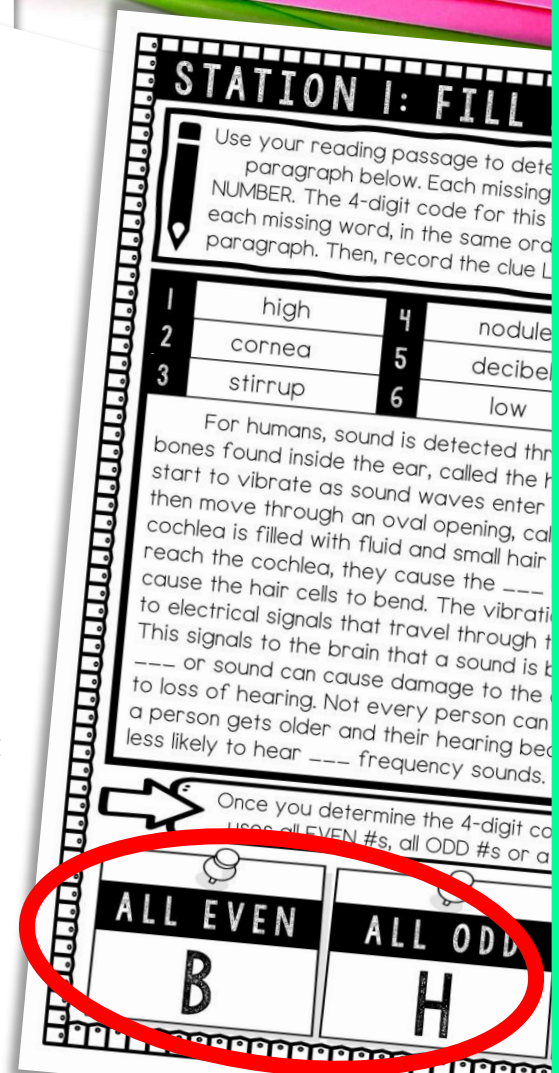
**STUDENTS WILL
USE THE SAME
READING
PASSAGE AT
EACH STATION
SEEKING
ANSWERS AND
TEXT EVIDENCE.**

HOW IT WORKS



ENGAGING READING COMPREHENSION PRACTICE!

- 1** Students work individually (or in pairs) and visit 5 stations, answer questions, decipher a 4-digit code at each station and grab a "letter" clue for the final alpha code.
- 2** Students will answer the questions (found directly in the passage) on their own recording sheet. Students will have to revisit their reading passage several times at EACH station skimming for answers.



STATION 1: FILL

Use your reading passage to determine the missing word in each paragraph below. Each missing word is represented by a NUMBER. The 4-digit code for this station is _____. Write each missing word, in the same order as the numbers, in the same order as the numbers. Then, record the clue letter.

1	high	4	nodule
2	cornea	5	decibe
3	stirrup	6	low

For humans, sound is detected through the bones found inside the ear, called the ossicles. When the ossicles start to vibrate as sound waves enter the ear, they then move through an oval opening, called the oval window, into the cochlea. The cochlea is filled with fluid and small hair cells. When sound waves reach the cochlea, they cause the fluid to vibrate, which causes the hair cells to bend. The bending of the hair cells causes electrical signals that travel through the auditory nerve. This signals to the brain that a sound is being heard. _____ or sound can cause damage to the ear, leading to loss of hearing. Not every person can hear the same way. A person gets older and their hearing becomes less likely to hear _____ frequency sounds.

Once you determine the 4-digit code for this station, use all EVEN #s, all ODD #s or a combination of both to determine the letter clue.

ALL EVEN	ALL ODD
B	H

BENEFITS

- ✓ STATIONS AND MOVEMENT
- ✓ CLOSE READING
- ✓ COMPREHENSION SKILLS
- ✓ SECRET CODES
- ✓ CITING EVIDENCE
- ✓ CRITICAL THINKING
- ✓ PRINT AND GO
- ✓ ACTIVE LEARNING
- ✓ CROSS-CURRICULAR
- ✓ HIGHLY ENGAGING
- ✓ NO LOCKS NEEDED
- ✓ NO SILLY ENVELOPES TO STUFF
- ✓ NO ODD SHAPES TO CUT OUT



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

USE FOR:



ANTICIPATORY SETS



UNIT REVIEW



EARLY FINISHERS



STATIONS



REWARD ACTIVITY



CENTERS



SUB PLANS



PARTNER WORK



ENRICHMENT

