



LERTLAH ENGLISH PROGRAM KASET-NAWAMIN ROAD

P4 MID-TERM SCIENCE REVIEW CLUSTER 3: SOUND

Teachers: Mr. Simon / Mr. Siryl

Section 1: True or False. Please write True or False

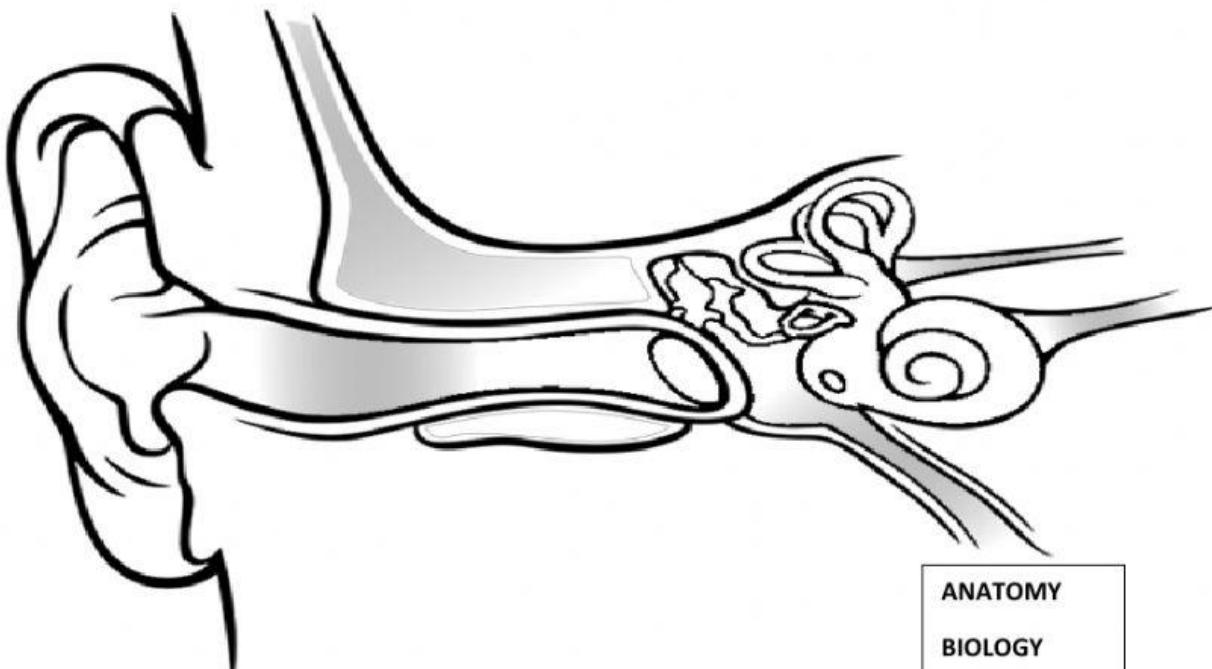
1. A lion's roar is louder than a kitten's meow. _____
2. A guitar is an instrument. _____
3. Volume is the loudness of a sound wave. _____
4. The ear canal sends messages to the brain. _____
5. Air from our lungs makes our cochlea vibrate. _____
6. Bats find mosquitos by using echo location. _____
7. The fastest material through which sound travels is gas. _____
8. Absorb means to bounce off material. _____
9. Listening to very loud music may damage our ear drums. _____
10. Transmit means to pass through a material. _____



Section 2: Drag the color the parts of the ear according to the directions below.

ear canal – yellow cochlea – purple ear drum – green

three little bones – blue outer ear - brown



J	Y	M	O	T	A	N	A	O	Y
S	H	G	E	M	O	L	O	G	Y
C	L	I	B	C	M	Z	O	G	Y
I	K	E	S	I	O	L	O	G	H
S	Q	K	O	T	O	L	O	I	R
Y	Q	M	Y	C	O	L	O	G	Y
H	Q	Z	I	R	O	L	O	G	E
P	B	X	T	O	V	G	O	G	Y
S	O	E	Z	C	Z	C	J	G	Y
T	M	G	E	O	L	O	G	Y	Y

ANATOMY

BIOLOGY

ECOLOGY

GEMOLOGY

GEOLOGY

HISTOLOGY

METROLOGY

MYCOLOGY

PHYSICS

TOXICOLOGY

ZOOLOGY

Section 3: How we hear a sound. Drag and drop the words into the correct order.

outer ear

brain

ear drum

hear

inner ear

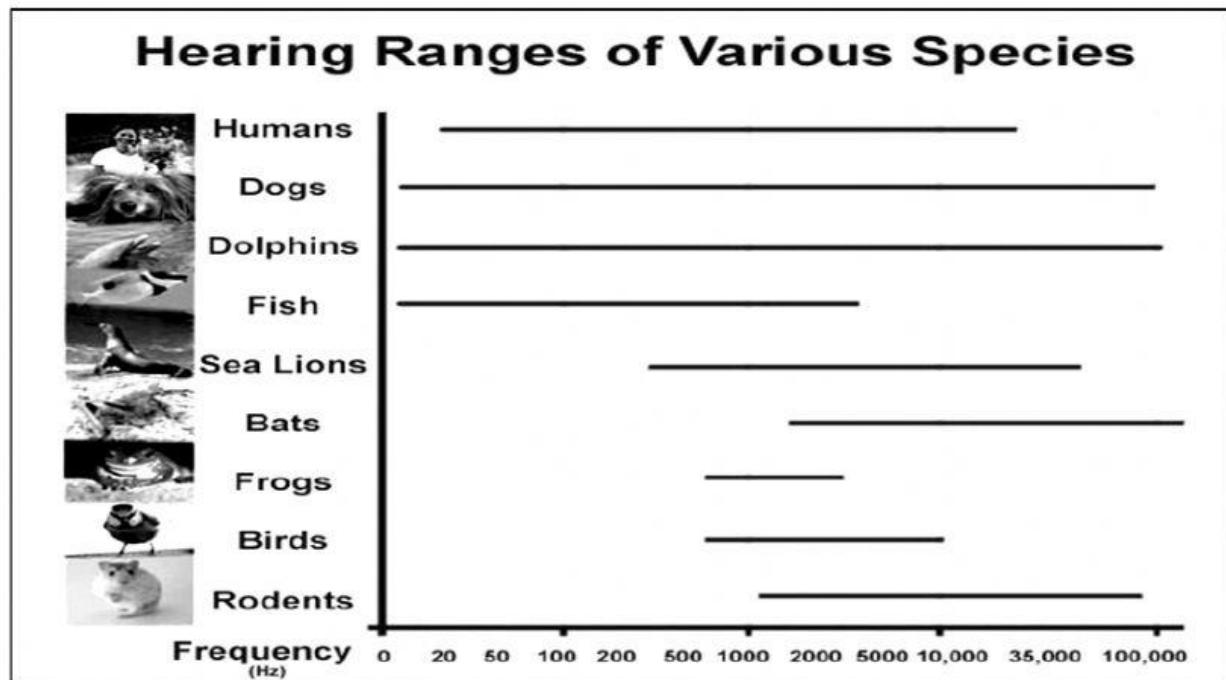
ear canal

three tiny bones

1. First, the sound reaches the outer ear.
2. Second, the sound goes down the _____.
3. Thirdly, the sound vibration makes the _____ vibrate.
4. Fourthly, _____ are shaken by the vibration.
5. Fifthly, the _____ sends a message to the _____.
6. At last, we _____ the sound.

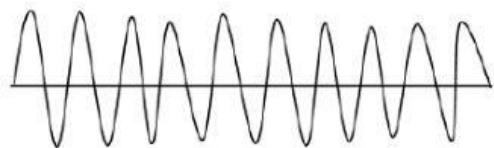
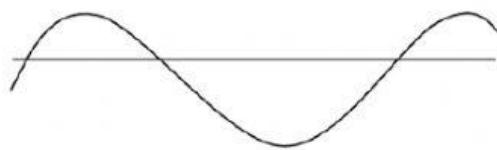


Section 4: Use the chart below to answer. Write True or False.



1. Bats can hear higher frequencies than sea lions. _____
2. Frogs hear the greatest range of sound. _____
3. Dogs can hear lower sounds than humans. _____
4. Rodents can hear lower sounds than humans. _____
5. Bats, rodents, and dogs can hear higher sounds than humans. _____

Section 5: Drag each drawing of sound waves to its correct space.



1. A soft and low pitch sound wave.

2. A loud and low pitch sound wave.

3. A soft and high pitch sound wave.

4. A loud and high pitch sound wave.

Section 6: Fill in the blanks.

Volume	jaws	travels	energy	heard
pitch	echo location		sounds	

1. Sound is _____ that can be _____.
2. The high or low frequency of a sound is called its _____.
3. Snakes hear by feeling vibrations in their lower _____.
4. Dolphins use _____.
5. Sound _____ in waves.
6. _____ is the loudness of a sound.
7. Our ear drums vibrate when we hear _____.

Section 7: Match the sound to its volume and pitch.



hummingbird

Low Pitch and Loud Volume



police whistle

High Pitch and Loud Volume



lion roar

Low Pitch and Soft Volume



bird song

High Pitch and Soft Volume