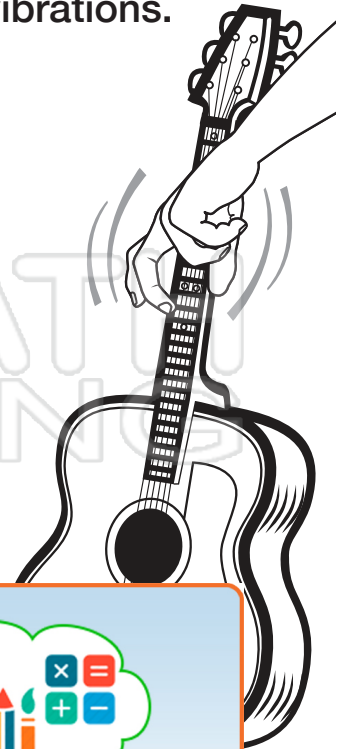
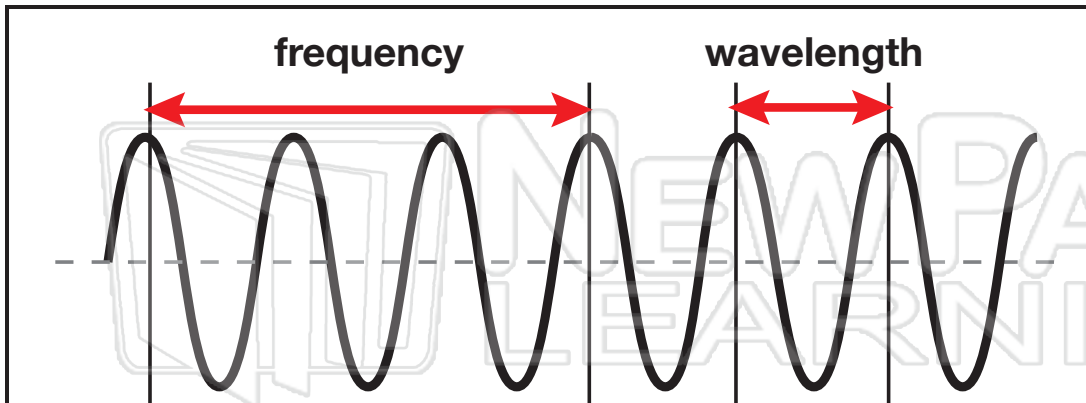




Name _____ Class _____ Date _____

Sound is a type of energy that travels in waves caused by vibrations.
Vibrations are movements made rapidly back and forth.



Sound waves are an invisible transfer of sound energy.
A **wavelength** refers to the **distance** between a point on one

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PREVIEW

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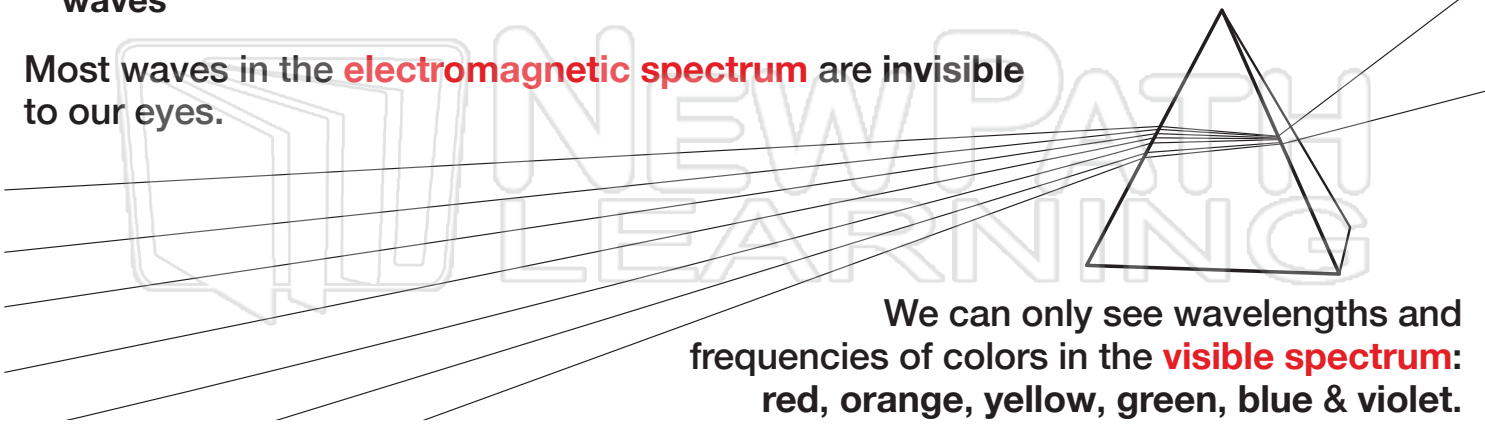
Light
is no
radia

light
etc



radio waves microwaves visible light ultraviolet x-rays gamma rays

Most waves in the **electromagnetic spectrum** are invisible to our eyes.



We can only see wavelengths and frequencies of colors in the **visible spectrum**: red, orange, yellow, green, blue & violet.





Name _____ Class _____ Date _____

The loudness or quietness of a sound is its **volume**. The loudness of a sound can be measured in units called **decibels**.

Use the chart to answer the questions. Fill in the blanks below.

Decibels of Sound

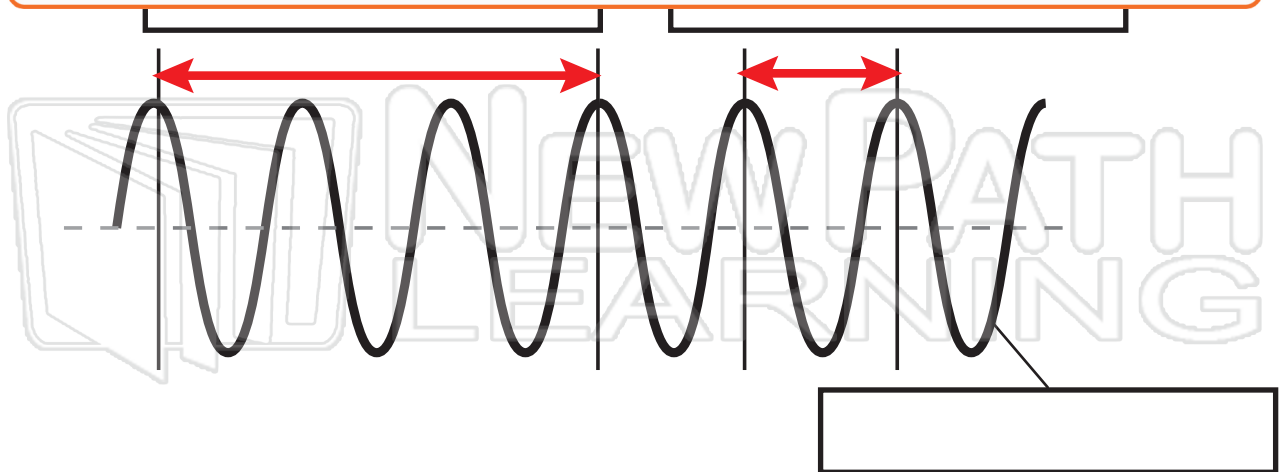
a whisper		10
normal voice		60
train horn		100



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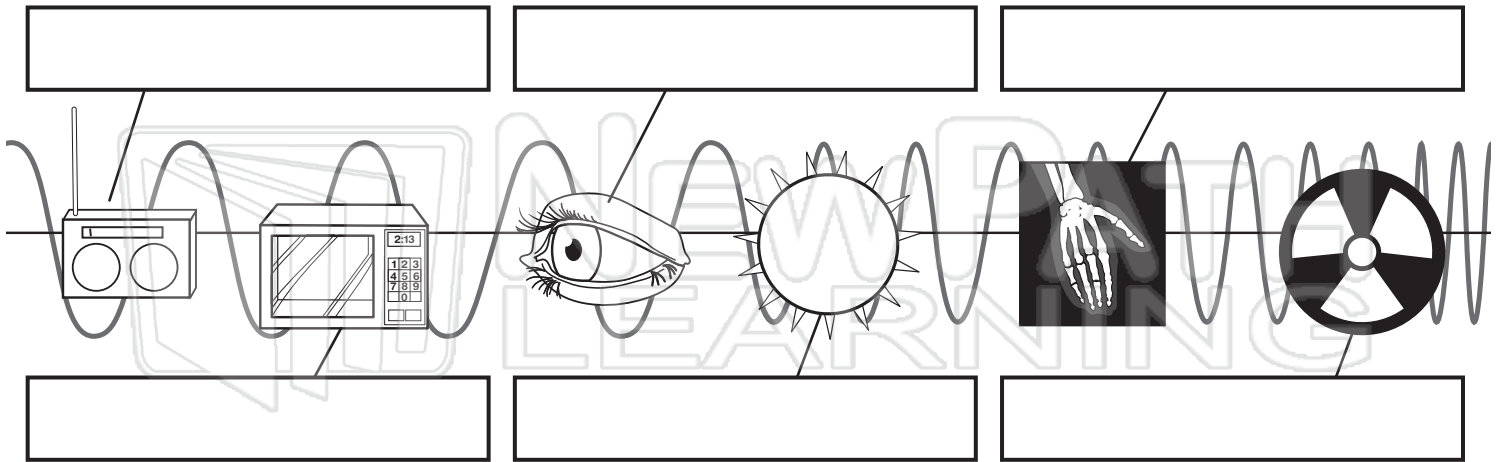


Sound & Light

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Name _____ Class _____ Date _____

Label the different wavelengths on the **electromagnetic spectrum**.



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Answer Key

The loudness or quietness of a sound is its **volume**. The loudness of a sound can be measured in units called **decibels**.

Use the chart to answer the questions. Fill in the blanks below.

Decibels of Sound

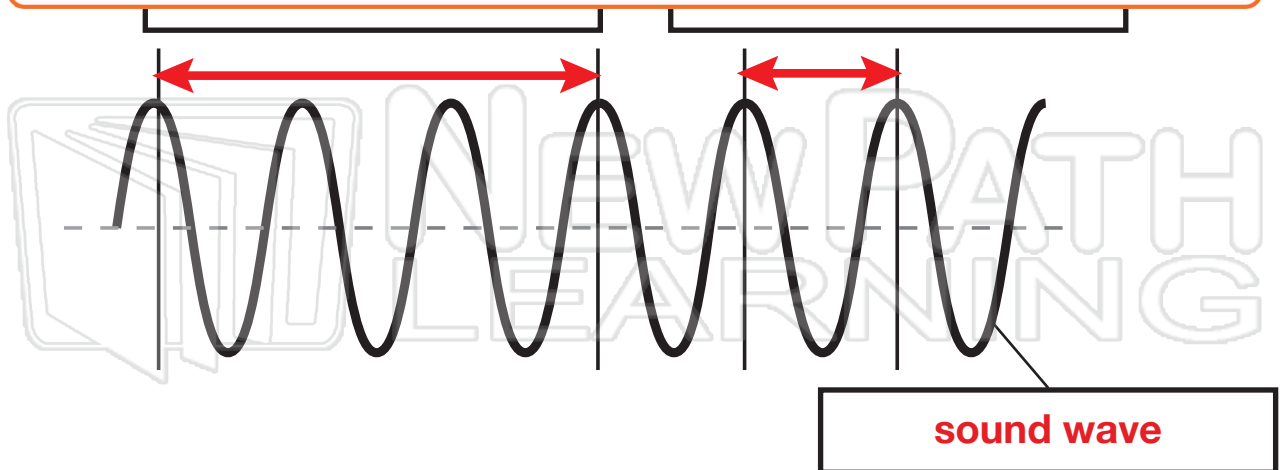
a whisper		10
normal voice		60
train horn		100



Which
Which
Which
How

PREVIEW

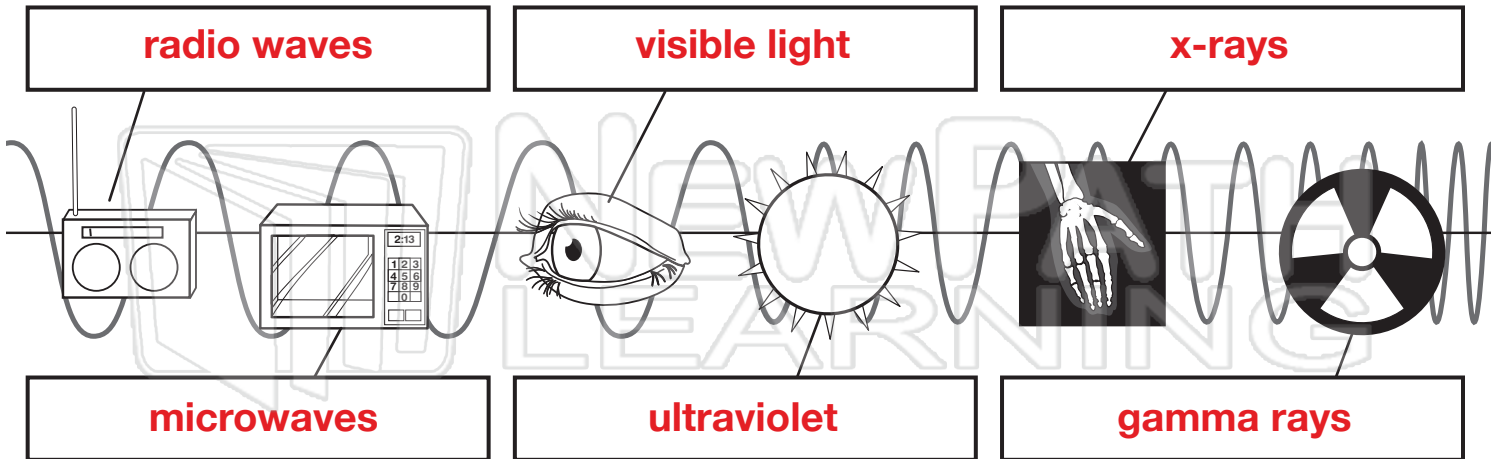
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Answer Key

Label the different wavelengths on the **electromagnetic spectrum**.



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