

Printable Reading Passages

Printables - Reading Passages Simple Machines



What Are Force, Motion, and Work?



What Are Simple Machines?



Levers



Wheel & Axles and Pulleys



Inclined Planes, Wedges, and Screws



Compound Machines



Gains and Losses with Simple Machines

Reading Passage



Global Warming: Effects Sea Level Changes

A change in Earth's climate causes changes in sea level. When the climate becomes warmer, sea level rises. The rise in sea level has two causes.

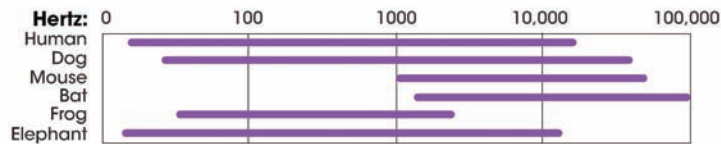


When water heats up, it **expands**. In other words, warmer water takes up more space than cooler water. The difference is small; you wouldn't notice the water in a glass expanding as it warms. However, because the amount of water in the oceans is so great, even a small change in temperature can expand the surface water enough to cause a measurable rise in sea levels.

Sea levels also rise due to the addition of [continue reading](#)

Interactive Activity

Ranges of Hearing



20-20,000 Hz



(label)



(label)

16-12,000 Hz

40-60,000 Hz



(label)



50-4,000 Hz



(label)

1,000-70,000 Hz

2,000-120,000 Hz



Timeline

The Growth Cycle of a Fetus Timeline

- 4 Weeks / 1 Month
- 9 Weeks / 2 Months
- 12 Weeks / 3 Months
- 16 Weeks / 4 Months
- 20 Weeks / 5 Months
- 24 Weeks / 6 Months
- 28 Weeks / 7 Months
- 32 Weeks / 8 Months
- 38 Weeks / 9 Months



28 Weeks / 7 Months: The fetus weighs about 3 pounds (1.5 kg) and is more than 15 inches (38 cm) long. The fetus can now open and close their eyes and has the ability to follow a light. The brain and nervous system begin to develop more rapidly.



Before You Read

Before You Read

Global Warming: Causes
Greenhouse Gases: Ozone

1 2

Earth's Atmospheric Layers
Label the diagram below by dragging the words from the list.

ozone layer troposphere stratosphere

Reset

Reading Passage

Reading Passage

Cells, Skeletal & Muscular Systems
Cell Structures and Functions

Cell Part	Where Is It?	What It Does	Job in the Factory
Cell Membrane	Surrounds the cell	- Separates the inside of the cell from its environment - Some elements are let in, some are kept out	- The factory wall or fence

STOP

What is the OUTSIDE part of a cell and why is it important?

(press here for answer)

Interactive Activity

Carbon Neutral Home

INTERACTIVE HOUSE
Power and data distributed around the house to allow wired & wireless internet everywhere, using easily accessed routes under the floor

Reset

Extension Activity: Memory Match

Kinds of Force Memory Match Game

Friction	Air Resistance	Contact Force	Gravity	Magnetic Force	Electrostatic Force
?	?		?	?	?
?	?	?	Air Resistance	?	?
	?	Electrostatic Force	?	?	?

Mix Reset ?

Vocabulary Flash Cards

Reading Passage **The Nervous System – Spinal Cord and Nerves** Senses, Nervous & Respiratory Systems

Vocabulary - touch the card to reveal the definition

Spinal Cord	Vertebrae Any of the bones or segments that create the spinal column
Neurons A specialized cell that is the functional unit of the nervous system	Motor Nerves
Sensory Nerves	Senses

Reading Passage

Reading Passage **Vibrating Motion** Motion

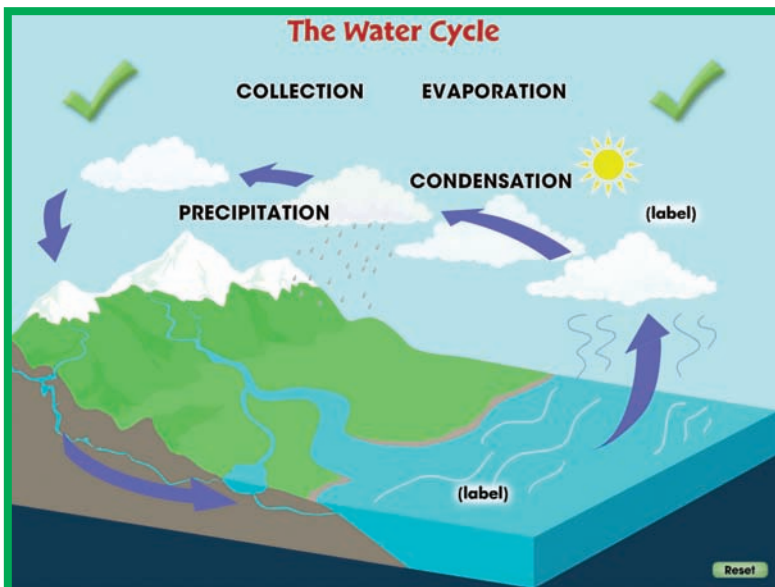
The pictures to the right show four things that move with a vibrating motion, arranged from most pleasant to most unpleasant. When something vibrates it moves back and forth or up and down.



We can see the jackhammer and woodpecker's head moving back and forth. The motion of the guitar strings and humming bird's wings are so fast we just see a blur.

The speed of the vibration is called the **frequency**. Frequency tells how often (how frequently) the thin **continue reading**

Interactive Activity



Extension Activity: Crossword

Crossword Reset ?

Word List

- colon
- esophagus
- lungs
- pores
- small intestine
- white

Across / Down

12. This is removed from waste in the large intestine.

15. This organ is coiled like a snake. (2 words)

17. The main job of the liver is to _____ blood.

18. Small holes in our skin that sweat comes out of.

After You Read

After You Read Force

Other Forces That Act Without Touching

1 2 3 4 5

Drag the correct symbol to complete the magnetic force graphics below.

WELL DONE!

a)

b)

Reset

Reading Passage

Reading Passage Senses, Nervous & Respiratory Systems


The Nervous System – Spinal Cord and Nerves

Why is our spinal cord inside our vertebrae?

For protection.

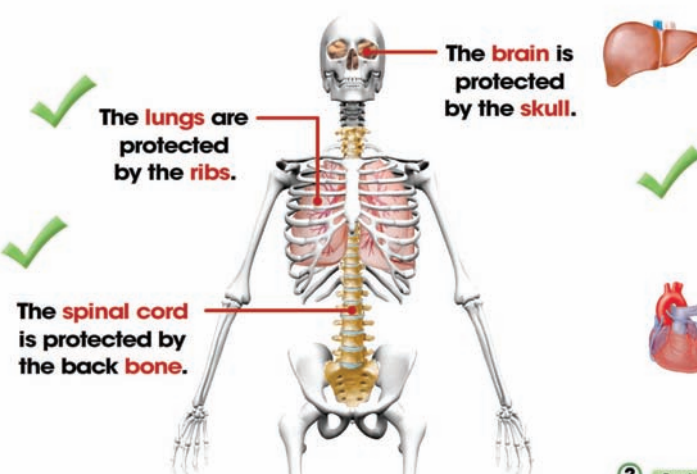
The Nerves

Nerve cells (also called **neurons**) have the job of carrying messages. They carry messages to and from the brain through the spinal cord to every part of the body. Nerve cells are connected to our spinal cord and each other. They have tiny ends, like threads, so they can reach everywhere in our body.



Interactive Activity

Bones and Organ Protection



The brain is protected by the skull.

The lungs are protected by the ribs.

The spinal cord is protected by the back bone.

Reset

Extension Activity: Word Search

Word Search

Using a pen from the tray, circle the hidden words in the puzzle.

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

axle
distance
energy
exert
force
fulcrum
lever
meter
metric
motion
newton
pivot
plane
power
pulley
resistance
screw
watt
wedge
wheel
work