

## 7th Grade Science Word Search 9

1. First, write the correct clue number to the left of each word in the Word Bank. Then, circle the words that have been hidden vertically, horizontally, and diagonally.

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

- Fluid that fills cell (gelatin-like) in which many organelles are found; carries out the work of the cell.
- A combination of the kinetic energy and potential energy an object has.
- One of the basic machines on which all other mechanical machines are based.
- Outer boundary of the cytoplasm and the environment outside; semi-permeable.
- A measure of how fast something moves through a particular distance over a definite time period; distance divided by time.
- States that every time one object exerts a force on another object, the second object exerts a force that is equal in size and opposite in direction back on the first object.
- Protective outer covering outside of the cell membrane; plant cells only.
- Stored energy; the energy an object has due to its position, molecular arrangement, or chemical composition.
- States that the acceleration of an object increases with increased force and decreases with increased mass.
- A condition needed for health and functioning in which an organism or cell maintains a relatively stable internal environment
- Speed in a given direction.
- States that objects at rest remain at rest, and objects in motion remain in motion with the same velocity, unless acted on by an unbalanced force.
- A change of position over time.
- The use of force to move an object over a distance.
- The smallest unit that is able to perform the basic functions of life.

potential energy  
mechanical energy  
cell wall  
speed  
Newton's third law

velocity  
motion  
cell membrane  
work  
Newton's second law

cytoplasm  
simple machines  
cell  
Newton's first law  
homeostasis