

8th Grade Science Word Search 3

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.

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

- A pure substance made of only one type of atom.
- The ability to reflect light off of a surface (shiny).
- Regions surrounding the atomic nucleus containing a specific number of electrons.
- The force that objects exert on each other because of their masses.
- The largest group of elements on the periodic table; elements that are: malleable, have luster and conduct electricity.
- The ability of an element to chemically react with another.
- Positively charged particles located in the nucleus of an atom.
- This is the identity of an element; this is the number of protons an element has in it's nucleus.
- Negatively charged particles with very little mass located in the electron cloud surrounding the nucleus of an atom.
- Neutrally charged particles located in the nucleus of an atom.
- Basic unit of matter; smallest component of an element.
- The center of an atom; the home of the protons and neutrons; this is also where atomic mass comes from.
- An electron in the outer shell associated with an atom.
- The number of protons and neutrons.
- Two or more elements chemically combined.

element

valence electron

metals

electron

atom

compound

atomic mass

proton

reactivity

gravity

atomic nucleus

neutron

luster

electron shells

atomic number