

NAME: \_\_\_\_\_

**[Find ways the house IS and IS NOT energy efficient.]**



Ways it **IS** energy efficient:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_

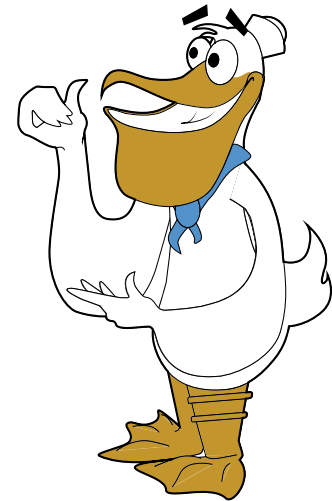
Ways it **IS NOT** energy efficient:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_

NAME: \_\_\_\_\_

## [True or False]

**Save energy, save dough, no matter where you go!** Want your city's water cleaned and pumped to your home? Of course you do, but did you know it takes a whole lot of energy to deliver every gallon of water? It does, so for goodness sake, turn off the water, and then, to save even more energy, replace your light bulbs with energy efficient ones.



\_\_\_\_\_ If every American home replaced just one light bulb with a light bulb that has earned the Energy Star stamp of approval, we would save enough energy to light 3 million homes for a year.

\_\_\_\_\_ A drippy faucet that leaks enough water to fill a soda bottle every 30 minutes will waste 2,192 gallons of water a year.

\_\_\_\_\_ The energy-saving ideas you use at home can also be used in school.

\_\_\_\_\_ The biggest use of electricity in most cities is supplying water and cleaning it up after it has been used. That's why wasting water is wasting energy.

## Energy Crossword Puzzle 1

4th/5th

### [Across]

1. Photosynthetic organism used to make fuel
5. Energy derived from the sun
7. Non-polluting energy sources (2 words)
8. Inspires awareness and appreciation for Earth (2 words)
9. Energy from fission or fusion of atomic nuclei
10. Inexhaustible or replaceable
11. International standard for energy efficient products (2 words)
12. Arises from behavior of electrons and protons

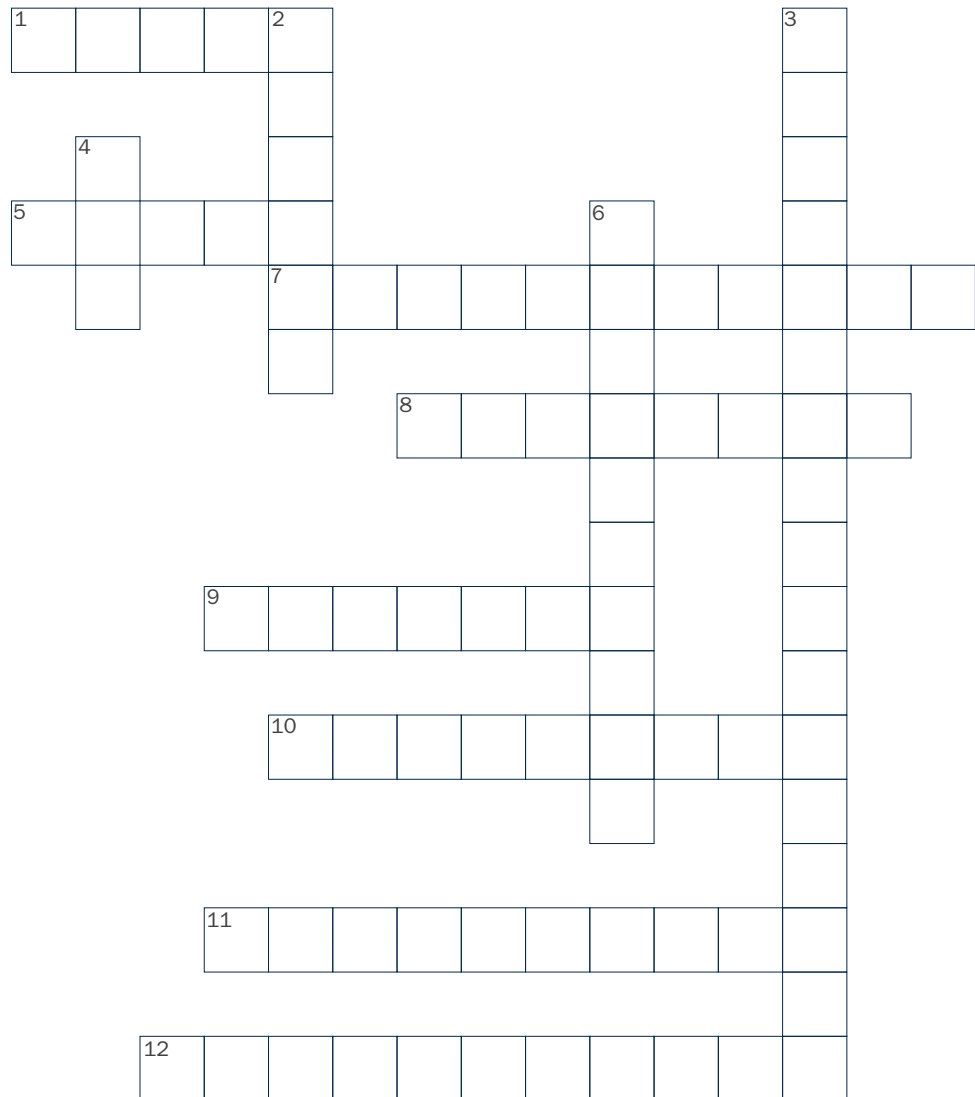
### [Down]

2. Fuel from renewable biological resources
3. Replaces existing fuel sources (2 words)
4. Abbreviation for government energy department
6. Internal heat of the Earth

### [Word Bank]

energy star    geothermal  
 alternative energy    DOE  
 electricity    algae    energy  
 green energy    renewable  
 solar    earth day    nuclear

NAME: \_\_\_\_\_



## Energy Crossword Puzzle 2

4th/5th

### [Across]

1. Energy delivered from the sun
3. Fuels formed from decomposed organisms  
(2 words)
9. Inexhaustible or replaceable by new growth
10. International standard for energy efficient products  
(2 words)
11. Graphite-like carbon material used for fuel

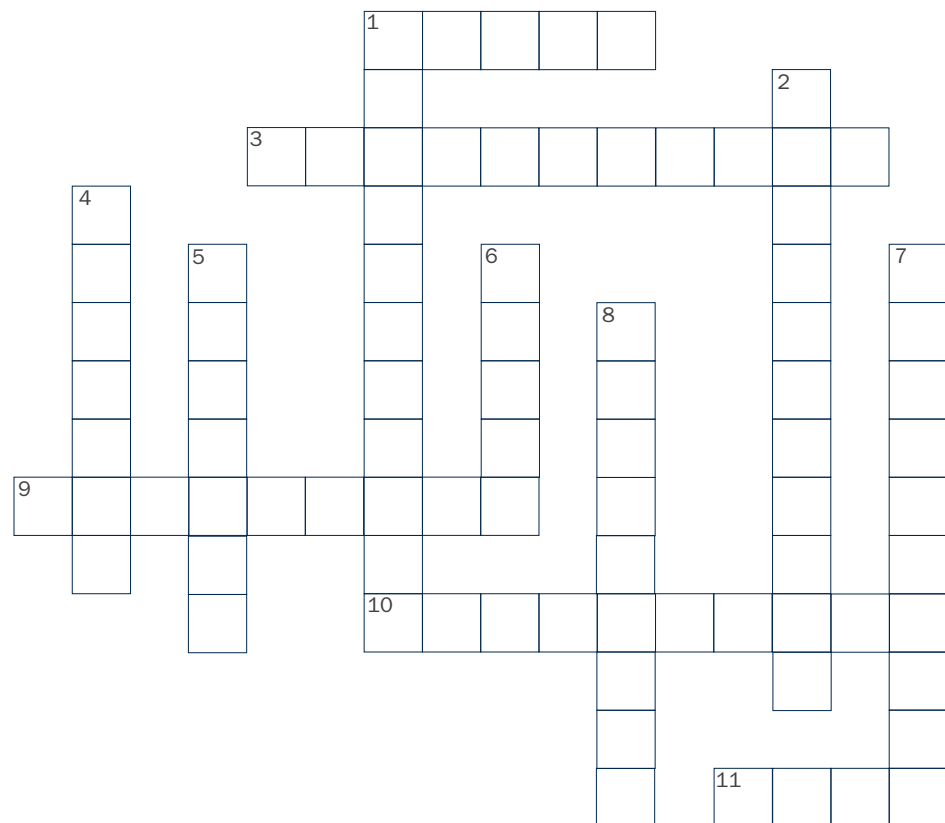
### [Down]

1. Maintained at a steady level
2. Arises from behavior of electrons & protons
4. Fuel from renewable biological resources
5. Energy from fission or fusion of atomic nuclei
6. Photosynthetic organism used to make fuel
7. Relating to the internal heat of the earth
8. Networked power control centers (2 words)

### [Word Bank]

algae solar renewable  
geothermal electricity  
energy star biofuel coal  
fossil fuel nuclear  
sustainable powergrid

NAME: \_\_\_\_\_



## Energy Crossword Puzzle 3

4th/5th

### [Across]

1. Internal heat of the Earth
4. Non-polluting energy sources  
(2 words)
6. Energy derived from the sun
8. Arises from behavior of electrons & protons
9. The most abundant element in the universe
10. Energy derived from moving air  
(2 words)

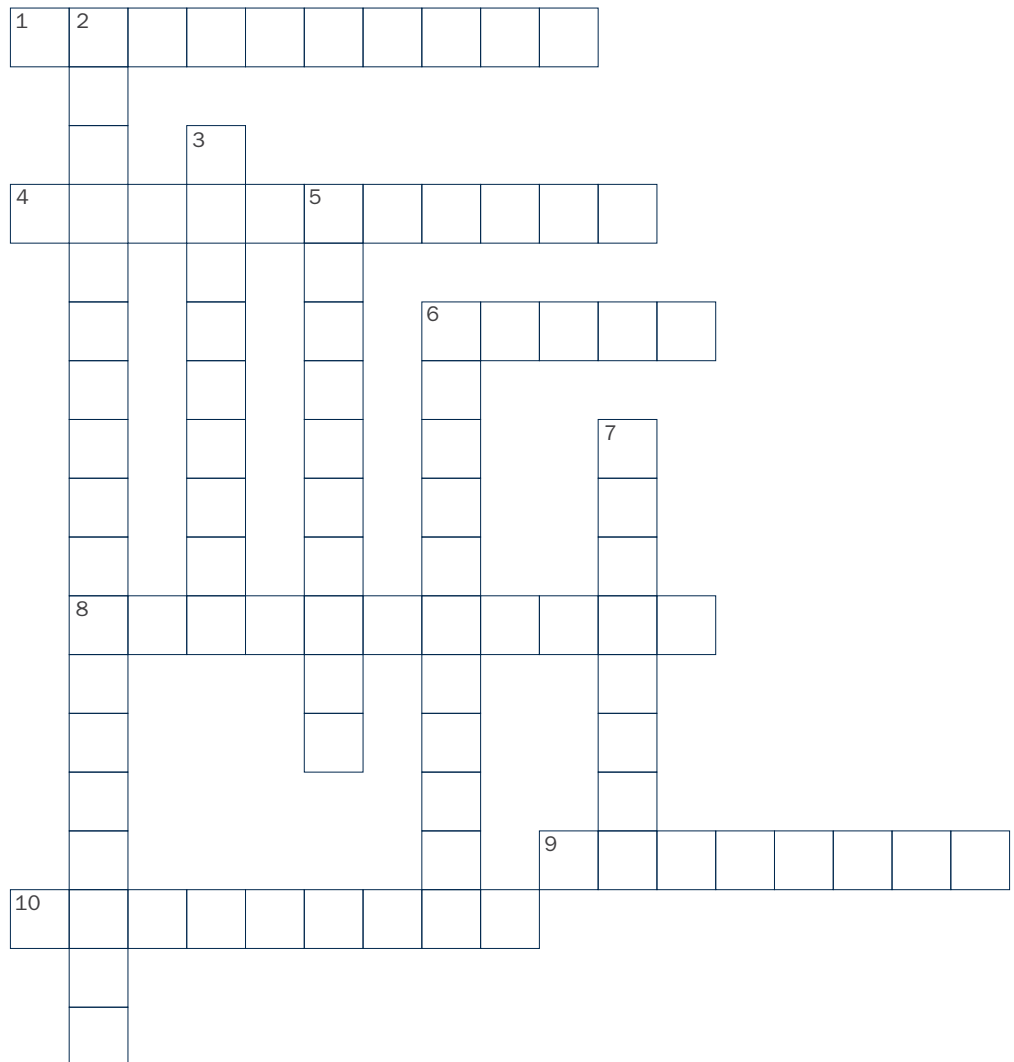
### [Down]

2. Efforts made to reduce energy consumption  
(2 words)
3. Inexhaustible or replaceable
5. International standard for energy efficient products  
(2 words)
6. Maintained at a steady level
7. Inspires awareness & appreciation for Earth  
(2 words)

### [Word Bank]

earth day    green energy  
sustainable    energy star  
solar    wind power  
renewable    electricity  
geothermal    hydrogen  
energy conservation

NAME: \_\_\_\_\_



## Energy Wordsearch 1

4th/5th

NAME: \_\_\_\_\_

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



algae

biodiesel

coal

energy star

geothermal

hydrogen

nuclear

petroleum

renewable

solar

sustainable

alternative fuels

wind power

efficiency

ocean