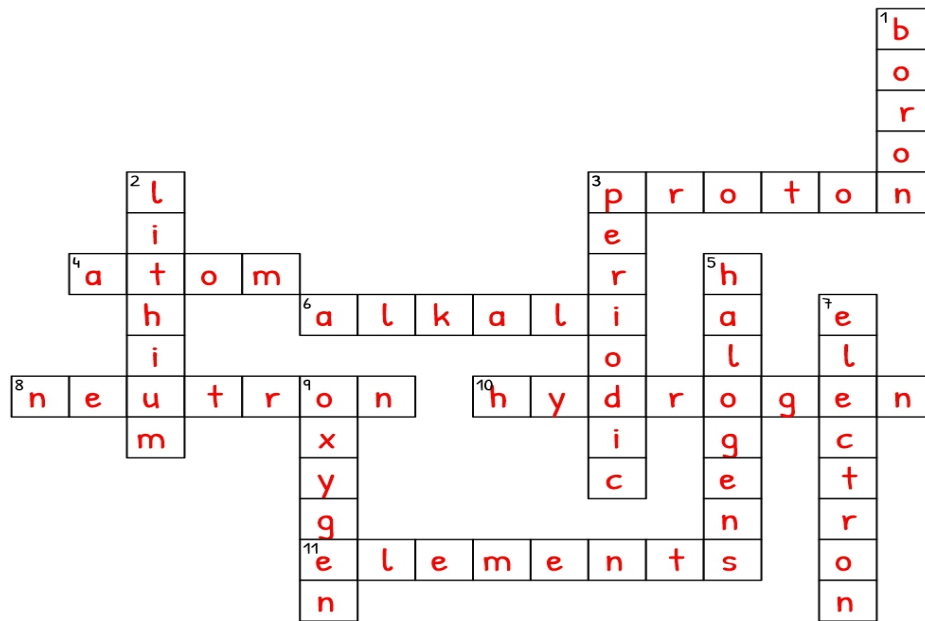


Name \_\_\_\_\_ **answer key**

Date \_\_\_\_\_

# PERIODIC TABLE

## *crossword puzzle*



### ACROSS

- 3: A subatomic particle.
- 4: The smallest particle of a substance that can exist by itself or be combined with other atoms to form a molecule.
- 6: A substance that has a bitter taste and that forms a salt when mixed with an acid.
- 8: A very small particle of matter that has no electrical charge and is part of the nucleus of all atoms except hydrogen atoms.
- 10: Clean transportation fuel of the future?
- 11: One of the basic substances that are made of atoms of only one kind and that cannot be separated by ordinary chemical means into simpler substances.

### DOWN

- 1: A relatively inert nonmetallic chemical element.
- 2: A soft silver-white element that is the lightest metal known.
- 3: Happening regularly over a period of time.
- 5: Any of the group of elements fluorine, chlorine, bromine, iodine, and astatine.
- 7: A very small particle of matter that has a negative charge of electricity and that travels around the nucleus of an atom.
- 9: A chemical that is found in the air, that has no color, taste, or smell, and that is necessary for life.