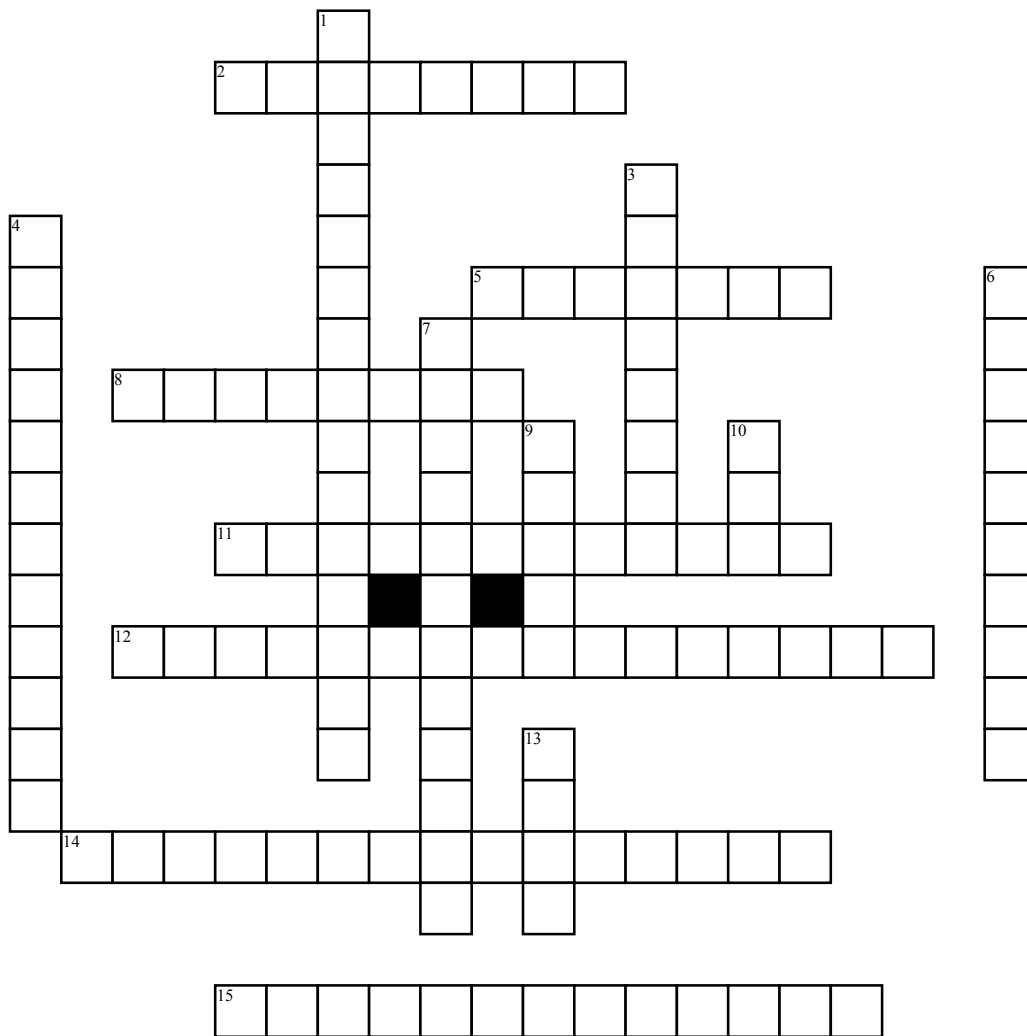


Key Words Unit 1



Across

2. What is an electrically charged group of atoms?

5. What is a substance made up of only one type of atom?

8. What is a negatively charged subatomic particle found in electron shells with a mass of 0?

11. What is a electrostatic force of attraction between a positively charged ion and a negatively charged ion?

12. What is a chemical property that describes how reactive a substance is eg: toxicity?

14. What is the electrostatic force of attraction between delocalised electrons and positive charged metal ions

15. What is the space surrounding the nucleus where electrons can be found. there are 3 parts. the first can have up to 2 and the other 2 can have up to 8?

Down

1. What is the electrostatic force of attraction of shared electrons and the positive nuclei of the bonding, non-metal atoms?

3. What is a substance made up of 2 or more elements

4. The Number of protons an atom can have?

6. The total sum of protons and neutrons in an atom?

7. What is the structure formed by solid ionic substances composed of positively and negatively charged ions?

9. What is a column in the periodic table name?

10. What is an electrically charged particle eg positive or negative

13. What is the smallest quantity of an element which can take part in a chemical reaction

Word Bank

Group

Covalent bonding

Compound

Chemical Property

Element

Group ion

Atom

Electron

Ionic Lattice

ionic bonding

Metallic Bonding

Ion

Electron Shell

Mass number

Atomic Number