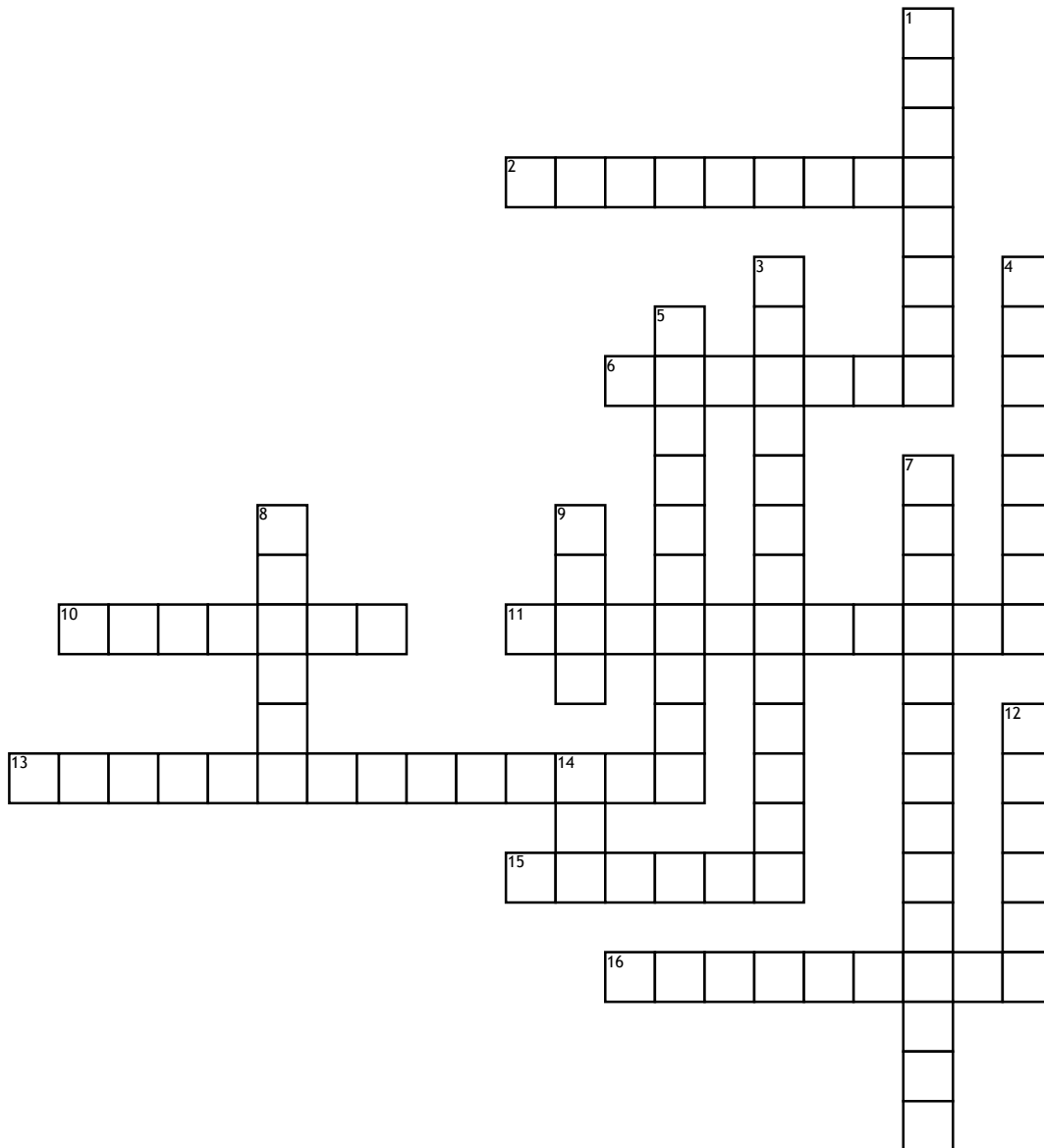


Matter and materials



Across

2. when two or more elements are combined in fixed proportions
 6. In a ___ compound, the total negative charge must equal the total positive charge
 10. ___ compounds contain C and H, and sometimes other elements such as O and N
 11. a Mixture with the same composition throughout
 13. some metalloids are

15. _____ are generally good conductors of electricity and heat

16. dull, low density, brittle, insulators

Down

1. separation where the properties of the substances are not changed after separation
 3. a Mixture where the composition is not uniform
 4. ___ are the most basic substances from which all materials are made

5. the elements between metals and non-metals on the periodic table

7. a method to separate the pure substances in a mixture

8. ___ contains aluminium, nickel and cobalt

9. An _____ is the smallest particle that retains the chemical properties of an element

12. ___ are mixtures of different metals or metals combined with non-metals

14. mono-