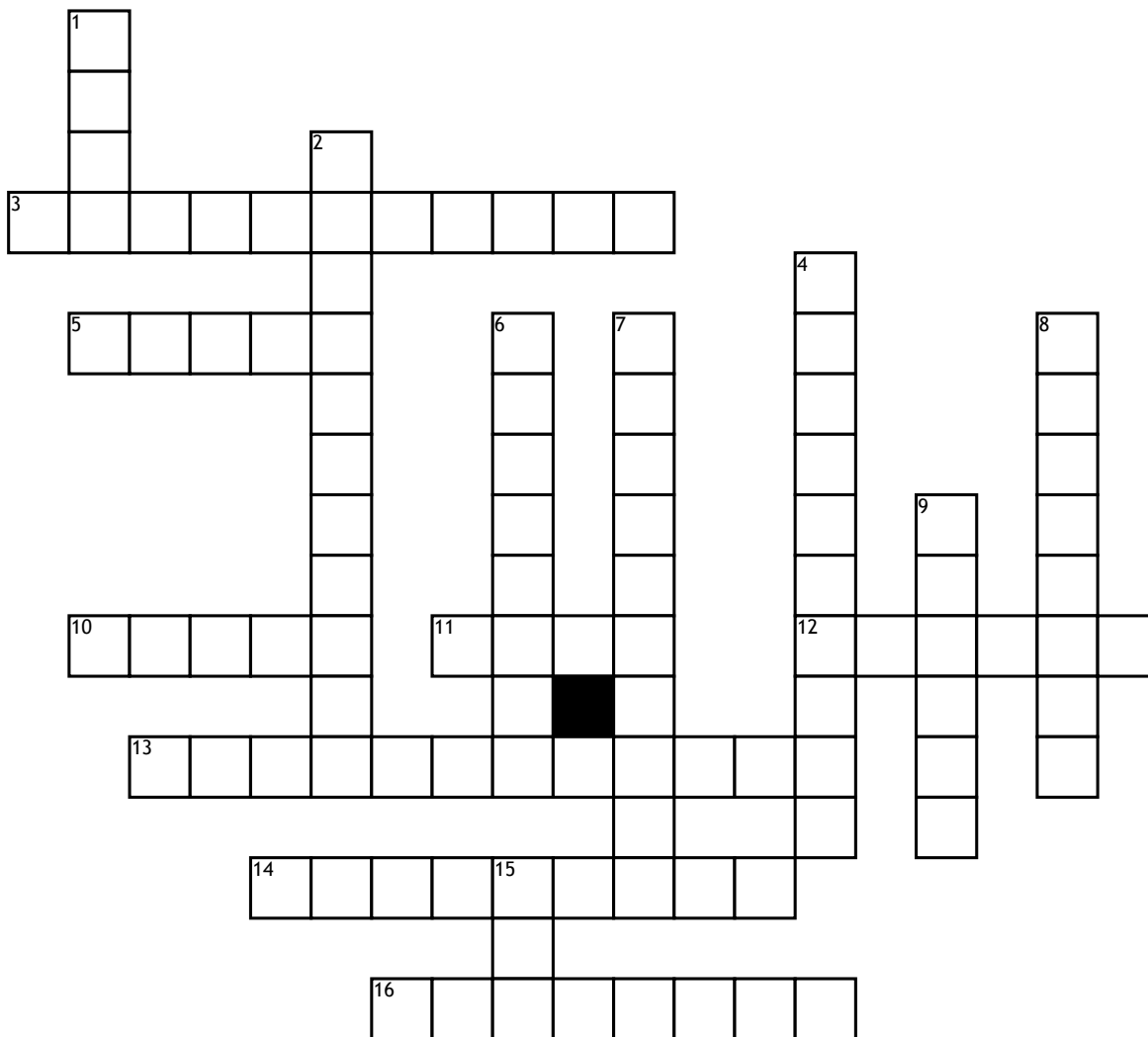


Year 9 energy and matter



Across

3. A reaction that takes in heat from the surroundings

5. Hydrocarbon + oxygen --> carbon dioxide + _____

10. How many atoms are in C₂H₆

11. Particles in a reaction rearrange, this is the "conservation of _____ theory"

12. Combustion always has this gas as a reactant

13. An Exothermic reaction gives out energy to its ...

14. These go into a reaction

16. These are made in a reaction

Down

1. In an endothermic reaction the temperature would go _____

2. The equipment you use to find if a reaction is endo/exothermic

4. carbon dioxide is a _____ gas

6. Sulphur dioxides and nitrogen oxides cause _____/_____

7. What is the posh word for burning

8. _____ combustion happens when there is plentiful oxygen

9. Incomplete combustion happens when there is limited _____

15. How many elements are in C₂H₆