

Science Knowledge Organiser

Y8 Reactions: Chemical energy

Key Terms:

Chemical bond	Force that holds atoms together in molecules.
Chemical reaction	A change in which atoms are rearranged to create new substances.
Conservation of mass.	In a chemical reaction, the total mass of reactants is equal to the total mass of products.
Endothermic reaction	One in which energy is taken in, usually as heat.
Exothermic reaction	One in which energy is given out, usually as heat or light.
Product.	A substance that is made in a chemical reaction. Shown after the reaction arrow in an equation.
Reactant.	A starting substance in a chemical reaction. Substances that react together, shown before the arrow in an equation.