

Spelling list: Year 9 Chemistry - Atoms & Particles

Chem

reversible	The picnic blanket was reversible so they could use the waterproof or the soft fabric side.
irreversible	The damage to the car was irreversible .
isotope	An isotope is a variant of a chemical element with a different number of neutrons.
ion	The sodium formed a positive ion .
proton	A stable subatomic particle occurring in all atomic nuclei, with a positive electric charge equal in magnitude to that of an electron.
neutron	Neutron is a particle in the nucleus of an atom which has a mass but no charge.
electron	Metals have delocalised electrons.
shells	A subatomic particle with a negative charge. These are found orbiting the nucleus of atoms or ions in shells .
positive	Your 'personality' means the type of person you are, e.g. bubbly, positive .
negative	Chloride is a negative ion.
mass	We often use the word weight when we are talking about mass and how heavy something is, but weight is affected by gravity.
periodic	Separating metals from non-metals on the periodic table.
radioactive	Radioactive is emitting or relating to the emission of ionizing radiation or particles.
fusion	A nuclear reaction in which atomic nuclei of low atomic number fuse to form a heavier nucleus with the release of energy.

fission

A nuclear reaction in which a heavy nucleus splits spontaneously or on impact with another particle, with the release of energy.