Spelling list: GCSE Physics: Radioactivity 1

Key words for GCSE Physics

electron

isotope

atom An **atom** is the smallest particle of an element that can exist.

proton A **proton** has a positive charge and is found in the nucleus of an atom.

neutron A **neutron** has no charge and is found in the nucleus of an atom.

An **electron** is part of an atom that has a negative charge. Electrons are

found in shells.

nucleus The **nucleus** is the centre of an atom and has a positive charge.

nuclei **Nuclei** is the plural of nucleus.

An **isotope** is an atom that contains the same number of protons but

different numbers of neutrons.

source The **source** of something is the place where it comes from.

alpha Alpha particles contain two protons and two neutrons.

beta A **beta** particle is a high-speed electron.

particle A beta **particle** is a high-speed electron.