

Metals and Plastics

- OC45 understand that rusting is a chemical process that changes iron into a new substance
- OC46 carry out an experiment to demonstrate that oxygen and water are necessary for rusting
- OC47 list three examples of methods of rust prevention: paint, oil, galvanising
- OC48 describe the general properties of the alkali metals and understand that alkali metals are in Group I of the Periodic Table and have similar properties
- OC52 investigate the relative reactivities of Ca, Mg, Zn, and Cu based on their reactions with water and acid (equations not required)
- OC58 identify everyday applications of plastics, and understand that crude oil products are the raw material for their production
- OC59 relate the properties of plastics to their use
- OC60 describe and discuss the impact of non-biodegradable plastics on the environment

