

GCSE

Science: (Modular)
Double Award and Chemistry

Module 06

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Earth Materials: Foundation Tier

Question No.	KEY
One	1 – calcium carbonate 2 – calcium oxide 3 – carbon dioxide 4 – calcium hydroxide
Two	1 – rock 2 – metal 3 – solid 4 – liquid
Three	1 – carbon dioxide 2 – oxygen 3 – nitrogen 4 – methane
Four	1 – clay 2 – sodium carbonate 3 – poly(ethene) 4 – poly(propene)
Five	1 – cracking 2 – condensing 3 – combining 4 – neutralising
Six	tectonic plates move because of convection currents tectonic plates move slowly
Seven	most plastics resist breakdown by microorganisms poly(ethene) is a plastic
Eight	1 – D, 2 – A, 3 – B, 4 – C
Nine	1 – B, 2 – B, 3 – A, 4 – C
Ten	1 – A, 2 – B, 3 – C, 4 – A

Earth Materials: Higher Tier

Question No.	KEY
One	1 – cracking 2 – condensing 3 – combining 4 – neutralising
Two	1 – M 2 – K 3 – J 4 – L
Three	most plastics resist breakdown by microorganisms poly(ethene) is a plastic
Four	ethene is an unsaturated hydrocarbon ethene molecules have a carbon carbon double bond
Five	1 – D, 2 – A, 3 – B, 4 – C
Six	1 – B, 2 – B, 3 – A, 4 – C
Seven	1 – A, 2 – B, 3 – C, 4 – A
Eight	1 – C, 2 – C, 3 – C, 4 – B
Nine	1 – B, 2 – C, 3 – D, 4 – A
Ten	1 – C, 2 – A, 3 – B, 4 – C