

GCSE

Science: (Modular)
Single Award and Chemistry

Module 15

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Materials and Reactions: Foundation Tier

Question No.	KEY
One	1 – calcium carbonate 2 – calcium oxide 3 – carbon dioxide 4 – calcium hydroxide
Two	1 – iron 2 – chromium 3 – carbon 4 – sulphur
Three	1 – clay 2 – haematite 3 – poly(ethene) 4 – poly(propene)
Four	1 – cracking 2 – condensing 3 – combining 4 – neutralising
Five	1 – metal A 2 – metal D 3 – metal C 4 – metal B
Six	copper water
Seven	most plastics resist breakdown by microorganisms poly(ethene) is a plastic
Eight	1 – D, 2 – A, 3 – B, 4 – C
Nine	1 – D, 2 – C, 3 – A, 4 – A
Ten	1 – A, 2 – B, 3 – C, 4 – B

Materials and Reactions: Higher Tier

Question No.	KEY
One	1 – metal A 2 – metal D 3 – metal C 4 – metal B
Two	1 – K 2 – J 3 – M 4 – L
Three	most plastics resist breakdown by microorganisms poly(ethene) is a plastic
Four	argon (Ar) and potassium (K) tellurium (Te) and iodine (I)
Five	1 – D, 2 – A, 3 – B, 4 – C
Six	1 – D, 2 – C, 3 – A, 4 – A
Seven	1 – A, 2 – B, 3 – C, 4 – B
Eight	1 – D, 2 – D, 3 – D, 4 – A
Nine	1 – A, 2 – D, 3 – C, 4 – D
Ten	1 – A, 2 – D, 3 – C, 4 – B