

GCSE

Science: (Modular)
Double Award and Chemistry

Module 06

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Earth Materials: Foundation Tier

Question No.	KEY
One	1 – sulphur dioxide 2 – carbon dioxide 3 – oxygen 4 – nitrogen
Two	1 – burning 2 – neutralisation 3 – deposition 4 – condensation
Three	1 – mixture 2 – compound 3 – molecule 4 – element
Four	1 – shapes 2 – fossils 3 – rocks 4 – plates
Five	1 – cement 2 – glass 3 – carbon dioxide 4 – slaked lime
Six	convection currents occur within the mantle the outer core is liquid
Seven	air concrete
Eight	8.1 – A, 8.2 – B, 8.3 – B, 8.4 – B
Nine	9.1 – D, 9.2 – B, 9.3 – C, 9.4 – A
Ten	10.1 – D, 10.2 – B, 10.3 – A, 10.4 – B

Earth Materials: Higher Tier

Question No.	KEY
One	1 – cement 2 – glass 3 – carbon dioxide 4 – slaked lime
Two	1 – R 2 – S 3 – P 4 – Q
Three	air concrete
Four	calcium carbonate → calcium oxide + carbon dioxide decane (C ₁₀ H ₂₂) → ethene + octane (C ₈ H ₁₈)
Five	5.1 – A, 5.2 – B, 5.3 – B, 5.4 – B
Six	6.1 – D, 6.2 – B, 6.3 – C, 6.4 – A
Seven	7.1 – D, 7.2 – B, 7.3 – A, 7.4 – B
Eight	8.1 – A, 8.2 – C, 8.3 – B, 8.4 – D
Nine	9.1 – A, 9.2 – C, 9.3 – A, 9.4 – B
Ten	10.1 – B, 10.2 – B, 10.3 – A, 10.4 – C