

Mark scheme March 2006

GCSE

Science: (Modular)

Double Award and Chemistry

Module 06

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Earth Materials: Foundation Tier

Question No.	KEY
One	1 – oxygen (O ₂) 2 – methane (CH ₄) 3 – carbon dioxide (CO ₂) 4 – water vapour (H ₂ O)
Two	1 – fossils 2 – rocks 3 – shapes 4 – plates
Three	1 – fraction 2 – molecule 3 – compound 4 – mixture
Four	1 – Rock type C 2 – Rock type A 3 – Rock type B 4 – Rock type D
Five	1 – biodegrade 2 – condense 3 – combine 4 – neutralise
Six	the crust contains sedimentary, metamorphic and igneous rocks the outer part of the core is liquid
Seven	concrete is a mixture substances with different boiling points can be separated by distillation
Eight	8.1 - D, 8.2 - B, 8.3 - A, 8.4 - A
Nine	9.1 – B, 9.2 – D, 9.3 – D, 9.4 – C
Ten	10.1 - D, 10.2 - A, 10.3 - B, 10.4 - C

Earth Materials: Higher Tier

Question No.	KEY
One	1 – biodegrade
	2 – condense
	3 – combine
	4 – neutralise
Two	1 – oxygen
1 00	2 – carbon dioxide
	3 – ethene
	4 – ammonia
Three	concrete is a mixture
	substances with different boiling points can be separated by distillation
Four	
rour	Q S
Five	5.1 – D, 5.2 – B, 5.3 – A, 5.4 – A
Six	6.1 – B, 6.2 – D, 6.3 – D, 6.4 – C
Seven	7.1 – D, 7.2 – A, 7.3 – B, 7.4 – C
Eight	8.1 – B, 8.2 – A, 8.3 – B, 8.4 – A
Nine	01 C 02 D 03 R 04 D
MIIIE	9.1 - C, 9.2 - D, 9.3 - B, 9.4 - D
Ten	10.1 – B, 10.2 – D, 10.3 – B, 10.4 – D
1011	10.1 2, 10.2 2, 10.0 5, 10.1 2