



ASSESSMENT and
QUALIFICATIONS
ALLIANCE

Mark scheme
June 2003

GCSE

Science (Modular)
Single Award

Module 15

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Materials and Reactions: Foundation Tier

Question	Key
One	1 – hydrogen 2 – sulphur 3 – oxygen 4 – water
Two	1 – hydrocarbons 2 – fractions 3 – molecules 4 – atoms
Three	1 – C 2 – A 3 – D 4 – B
Four	1 – R 2 – P 3 – Q 4 – S
Five	1 – Z 2 – Y 3 – W 4 – X
Six	most plastics (polymers) are not biodegradable poly(ethene) is a plastic used for making plastic bags and bottles
Seven	beaker C beaker E
Eight	8.1 – B, 8.2 – B, 8.3 – B, 8.4 – B
Nine	9.1 – D, 9.2 – D, 9.3 – A, 9.4 – A
Ten	10.1 – D, 10.2 – B, 10.3 – C, 10.4 – B

Materials and Reactions: Higher Tier

Question	Key
One	1 – metal Z 2 – metal Y 3 – metal W 4 – metal X
Two	1 – N 2 – M 3 – P 4 – L
Three	beaker C beaker E
Four	Q T
Five	5.1 – B, 5.2 – B, 5.3 – B, 5.4 – B
Six	6.1 – D, 6.2 – D, 6.3 – A, 6.4 – A
Seven	7.1 – D, 7.2 – B, 7.3 – C, 7.4 – B
Eight	8.1 – B, 8.2 – D, 8.3 – B, 8.4 – D
Nine	9.1 – C, 9.2 – D, 9.3 – B, 9.4 – D
Ten	10.1 – D, 10.2 – B, 10.3 – D, 10.4 – D