

ASE 2018 Awarding demystified

Accompanying materials

January 2018

Contents

Contents	Page
Presentation slides	4
Activity	29
Notes	31

Presentation slides

AQA Education (AQA) is a registered charity (number 1073334) and a company limited by guarantee registered in England and Wales (number 3644723). Our registered address is AQA, De vas Street, Manchester M15 6EX.















			GCSE Subject Level Guidance for Combined Science
AO1: Demonstrati scientific ide	e knowledge a ras	nd understanding of:	40%
Strands	Elements	Coverage	Interpretations and definitions
1 - Demonstrate knowledge and understanding of scientific ideas.	This strand is a single element.	 Full coverage in each set of assessments' (but not in every assessment). No more than 15% of the total marks for the qualification should reward demonstrating knowledge in isolation.³ 	 Scientific ideas are aspects of the subject content. They include the subject-specific requirements and the requirements for Working Scientifically as set out in the Content Document – for example, theories, models, methods and how these develop over time, as well as secial of mathematical formation and initial.
2 - Demonstrate knowledge and understanding of scientific techniques and procedures.	This strand is a single element.		 b) Total or manufactor formation time units. b) Scientific techniques and procedures encompasses, but is broader than, knowledge and understanding of the core practical activities. In the context of this assessment objective, it involves the knowledge and understanding of such techniques and procedures. c) The emphasis in this assessment objective, it is on Learners recalling and communicating relevant knowledge and understanding from the course of study - for example, facts, definitions, explanations, how to do something and why it should be done in a particular way.
² For the purposes o Combined Science. ³ Marks which Yewa specification. It does particular context.	f this guidance, a For clarity, the ass rd demonstrating k not include marks	set of assessments' means the asse essments taken by Learners may va nowledge in isolation' means any m awarded for selecting appropriate k	ssments to be taken try a particular Learner for a GCSE Qualification in ry, depending on any possible routies through the qualification. unk awarded solely for recalling facts or other knowledge that is part of the nowledge (for example, to evidence an argument), or for applying knowledge to a



				GCSE Subject Level Guidance for Combined Science	
ľ	AO3: Analyse in interpret a make judg develop a	formation and ideas to: nd evaluate ements and draw conclusi nd improve experimental p	ions rocedures.	20%	
	Strands	Elements	Coverage	Interpretations and definitions	
1 in id	- Analyse formation and leas to	1a - Analyse information and ideas to interpret.	 Full coverage in each set of assessments (but not in every assessment). A reasonable balance between the strands within this assessment objective, and between the elements within each strand. 	 Develop and improve covers a range of approaches to assessment, including questions related to adapting, modifying and enhancing 	
in	terpret and valuate.	1b – Analyse information and ideas to evaluate.		experimental procedures. Learners should not be expected to develop their own procedures. • Experimental procedures encompasses, but is	
2 in id	– Analyse formation and leas to make	2a - Analyse information and ideas to make judgements.		broader than, the core practical activities. In the context of this assessment objective, questions/tasks should take an analytical form such	al activities. In the ective, n analytical form such
ju di co	idgements and raw onclusions.	2b – Analyse information and ideas to draw conclusions.		as suggesting the limitations of a particular method. The emphasis here is on the outcome that Learners produce through the analysis of information – for instance, the integrating audiement	
3 in id ar ex	3 – Analyse information and ideas to develop and improve experimental	3a – Analyse information and ideas to develop experimental procedures.		conclusion or modification/improvement of procedures that stems from their reasoning and synthesis of skills. The abilities to interpret and evaluate in this context are both linked and complementary.	
p	rocedures.	3b – Analyse information and ideas to improve experimental procedures.		 Questions/tasks should address a range of sources here – for example, written, numerical, theoretical, practical, ethical, social, economic and environmental. 	















Grade boundaries: Ofqual update
ofgual blog gov uk/2017/02/03/grade-boundaries-the-problems-with-
"Exam boards are not predicting the boundary marks, and are rightly urging
caution. Other organisations, responding to boundary marks, and are nightly arging cautions. Other organisations have had their member schools sitting their own mock exams and have provided 'results' and 'grade boundaries' on the basis of that exercise. That's really helpful, yes?
Actually, no."
18 of 48







9-1 tiers and awarding			
This table shows how the grades are from year 2 onwards.	set in t	he firs	t year and how that differs
Basis of numerical grade in first year	New g	grade F	Basis of numerical grade from second year
Tailored approach	9		Comparable outcomes
	8		
Comparable outcome – legacy grade A	7		Comparable outcomes
	6		
	5	5	
Comparable outcome – legacy grade C	4	4	Comparable outcomes
	(3)	3	
		2	
		1	Comparable outcomes
Comparable outcome – legacy grade G	-		

















Provisional GCSE r	esults (All UK Candid	ates)	Pofe
Dfqual/16/6094		nai ligures for 2016	Kel.
	Number sat	C and above	A and above
Core Science	283390	47.9	4.9
	(375654)	(52.7)	(6.3
Additional	376347	58.2	9. ⁻
	(368033)	(59.7)	(9.4
Biology	143340	90.4	42.2
	(144148)	(90.5)	(41.4
Chemistry	141867	89.9	42.4
	(141245)	(90.3)	(42.3
Physics	141977	90.8	41.9
	(139805)	(90.9)	(42.8



A co	mparison of pro	visional 2017 GC	CF A-level resu	lts with 2016 C	CE results
(all L	IK Candidates).				
The	igures in bracke	ets are the equiva	alent provisiona	al figures for 20	16.
		A	С	E	
	Biology	26.2	70.8	96.8	
		(27.1)	(72.6)	(97.2)	
	Chemistry	(27.1) 31.7 (31.9)	(72.6) 75.6 (77)	(97.2) 97.0 (97.3)	
	Chemistry Physics	(27.1) 31.7 (31.9) 29.2 (29.6)	(72.6) 75.6 (77) 69.7 (71.4)	(97.2) 97.0 (97.3) 95.8 (96.4)	































Activity

Activity: examiner journey nclude seeded script: 0 2 nark scher #12 # Examiners have certail seeds that they have to mark as part of their ored every day What do you think happens if their markii is not accurate? the senior examiners naterial is made up he standardising ooking at live stude by the senior exar located scripts. This is a randomised list of 16 steps in the examiner recruitment and marking process. iers are 9# criteria to becon an examiner. Have a go at numbering the steps. Some steps have been labelled for you Exam day eacher #16 # # rk the are established Grade #1 ## ise the mark me that all mark their allocated narking and approv andard of the nrough the mark What do you think t may discuss? erind # # Why do you think this is beneficial to both the examiner and AQA? What do you think they may discuss? ntacted by their am Leader for a ortive discu

Contact us

T: 01483 477756

- E: gcsescience@aqa.org.uk
- E: alevelscience@aqa.org.uk

aqa.org.uk