

# Science hub schools network

Summer 2018



### Welcome





# This meeting will be recorded

Exam boards have an Ofqual requirement to record event audio.

Recordings are kept for one year and not shared as an accompaniment to session resources.

The recording will begin now.



### Summer series

We won't be able to discuss individual issues with questions in this meeting.

Please refer any queries to the science team via teacher services <a href="mailto:gcsescience@aqa.org.uk">gcsescience@aqa.org.uk</a>



# Agenda

- Discussion:
  - what went well with the new GCSE
  - what areas will you develop?
- Results day
- Using Exams Results Analysis (ERA) to identify next steps
- Updates



### Table discussion

#### What went well, what needs developing?

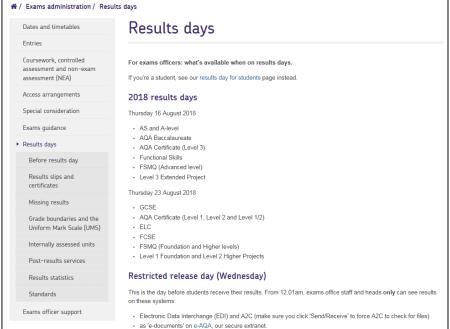
#### Consider

- Curriculum review route through topics
- Use of practical lessons across the department
- Teaching styles to improve AO2
- Assessments to enable tracking of progress in understanding and application of knowledge and skills
- Intervention opportunities and resources for use throughout the year
- Incorporating maths in a scientific context



### Results day





#### aqa.org.uk/exams-administration



# Results day

#### Student results day (Thursday)

From 6am on this day, you can give students their results slips.

If you're a student, ask your school or college about exactly when and how you can collect your results. Don't call us – we can't give you your results or discuss them with you.

Time on Thursday	What's available
6am	Results slips can be given to students
	ERA access for any school staff with an e-AQA login
	Post-results services opens
8am	Grade boundaries on our main website
	UMS converter updated
9.30am	Results statistics (provisional)  Any late marks and grade changes to results from the day before. These are added to e-AQA and emailed to exam officers

aqa.org.uk/exams-administration/results-days



### Grade boundaries and the Uniform Mark Scale

#### Linear qualifications don't use uniform marks

Uniform marks won't be used for the new GCSE, AS and A-level specifications for first teaching from September 2015. This means you won't need to convert your marks to the uniform mark scale (UMS). In 2017, this applies to the following qualifications:

- · GCSE English Language
- · GCSE English Literature
- · GCSE Maths.

Linear qualifications are assessed at the end of the course, so all students take the exam at the same time. This means that, unlike in modular qualifications, there's no need to combine marks from different series, so we don't need to use the UMS for linear exams.

As the new qualifications are being introduced gradually, we'll be offering unitised and linear qualifications at the same time for an interim period. For details of which GCSEs, AS and A-levels are changing and when, see the timelines on our Changes to GCSEs, AS and A-levels page.

#### Grade boundaries for linear qualifications

It can be useful to see how the overall subject grade was achieved. However, it's important to note that the grade boundaries given for each component in linear qualifications are purely notional, and do not always add up to the equivalent subject grade.

Our 🚨 Guide to notional component grade boundaries (239.4 KB) 📋 has more information on this.

aqa.org.uk/exams-administration/results-days/grade-boundaries-and-ums

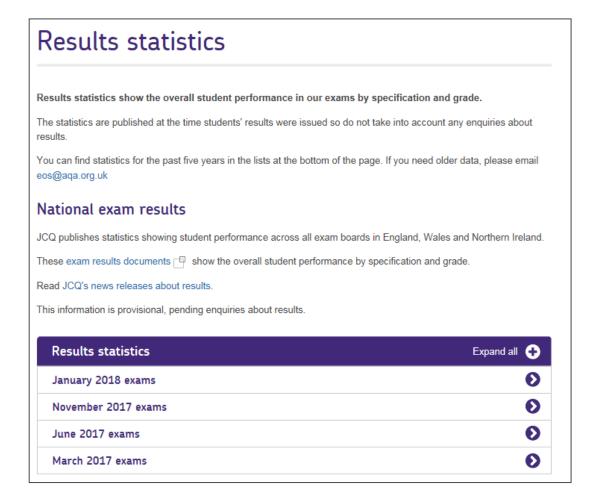


### Students certificate

#### General Certificate of Secondary Education This is to certify that in the examination held in JUNE 2017 SAMPLE STUDENT date of birth 01 OCTOBER 2000 achieved the following result at SAMPLE SCHOOL DOUBLE AWARD COURSE (One (1) Subject) 44 (four four) **Combined Science** FULL COURSE (Seven (7) Subjects) Reformed specifications will be awarded using the new 9(nine) to ENGLISH LITERATURE (601/4447/6) GRADE 6(six) 1(one) grade scale. GRADE 5(five) ENGLISH LANGUAGE (601/4292/3) MERIT Spoken Language The endorsement element of a 4 (four) GEOGRAPHY (600/6067/0) specification will show on the line 4 (four) BIOLOGY (600/0886/6) below the main award and slightly indented.



### Results statistics



aqa.org.uk/exams-administration/results-days/results-statistics



# What will be available on results day?

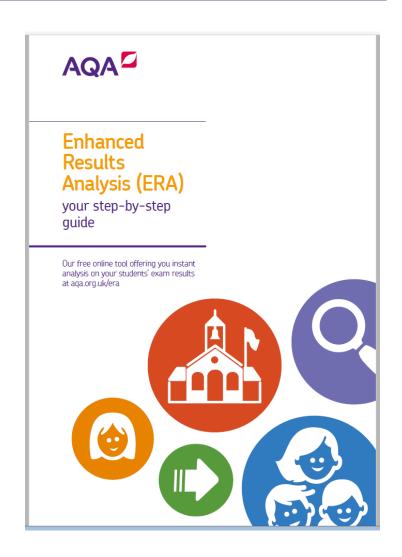
#### All available on SKM

- Papers and mark schemes
- Grade boundaries for each award
- Notional grade boundaries for each component



# Guide to Enhanced Results Analysis

- Detailed guidance
- Step-by-step instructions
- Speak to your exams officer if you need e-AQA login details





# Enhanced Results Analysis

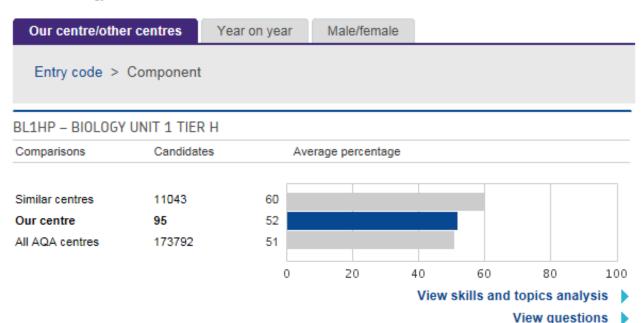
- Free service, available through <u>e-AQA</u>
- Review school, class and individual student performance
- Make comparisons with whole AQA cohort
- Identify skills or topics that were challenging so that you can address this with later year groups
- Download data for your own analysis



# Looking at data by subject or paper

- Compare your school with the AQA cohort
- Starting point for further analysis

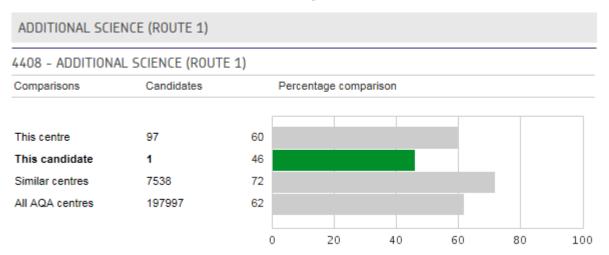
GCSE Summer 2017 SCIENCE BL1HP - Biology Unit 1 Tier H





### Student data

#### Compare individual marks against school and cohort



### See grade boundaries compared with a student's mark

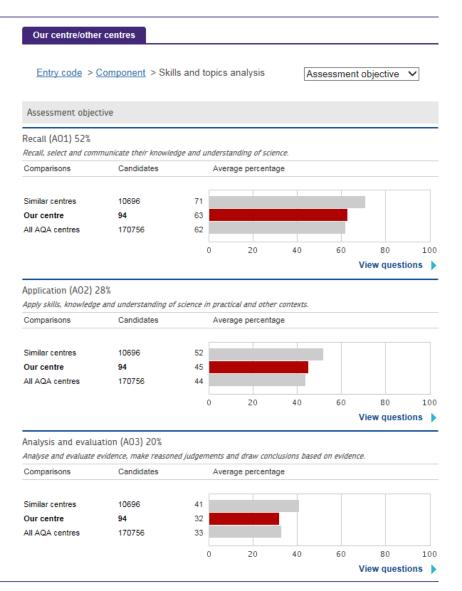
	Grade									
	Max	A*	A	В	С	D	Ε	F		G
UMS/Points	400	360	320	280	240	200	160	12	0	80
Entry code	Re	sult	UMS/Points		Mark	No	tes			
4408 - ADDITIONAL SCIE	E		185		-	T				



# Detail by Assessment Objective

Shows performance on each AO relative to cohort

Select to see questions that assessed, eg AO3





# Detail by specification reference

See performance in different specification areas

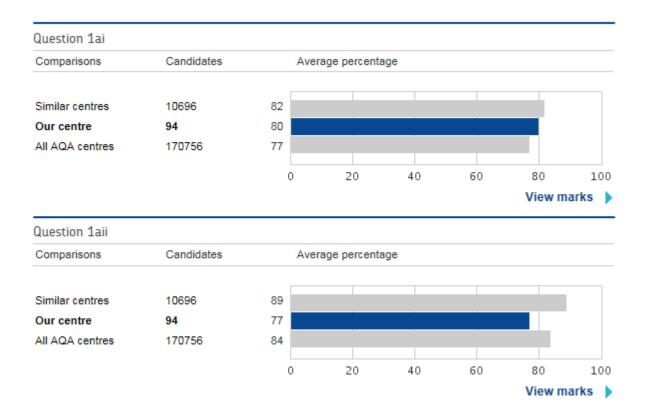
Links to questions assessing this area

GCSE Summer 2017 SCIENCE BL1HP - BIOLOGY UNIT 1 TIER H Our centre/other centres Entry code > Component > Skills and topics analysis Specification reference ∨ Specification reference B1.5.1 Energy in biomass 18% Comparisons Candidates Average percentage Similar centres 10696 77 Our centre 170756 All AQA centres 20 40 100 View questions B1.2.2 Control in the human body 17% Comparisons Candidates Average percentage Similar centres 10696 73 Our centre 65 All AQA centres 170756 20 100 View questions B1.4.1 Adaptations 14% Candidates Comparisons Average percentage Similar centres 10696 Our centre All AQA centres 170756 20 40 View questions



### Question level data

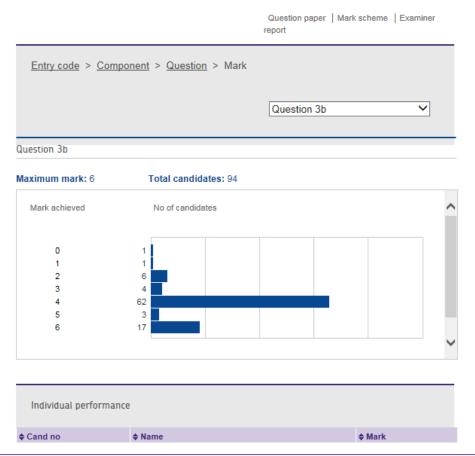
# View each paper by question and see centre average marks against the AQA cohort





# Mark distributions for each question

- Shows a distribution of your students' marks
- Links to paper, mark scheme and examiner report





# Download student data for your own analysis

You can download any or all of your results and analyse them in applications, such as Microsoft Excel.

The download option allows you to:

- perform your own analysis
- copy the data into existing spreadsheets
- create your own graphs
- save the graphs as images and insert them into your own reports.



# **Updates**

- Feedback meetings Autumn 2018
  - end of October/November
  - events for separate sciences, Trilogy, Synergy
  - cover question types with student exemplars and examiners commentaries
  - discussions on the implications for teaching and learning
- useful resources for new teachers see booklet
- AQA research projects see booklet



#### Year 10 test MERiT



Home

Subjects +

Reviews Support

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Log in



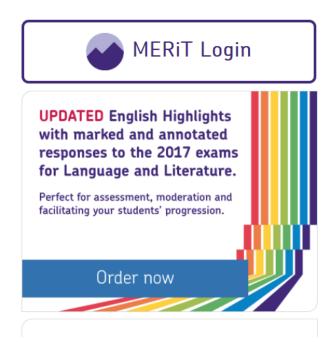


#### The essential exam preparation tool for teachers

Exampro offers thousands of past GCSE and A-level questions, their related mark schemes and examiner comments, all mapped to the current specifications.

You decide which questions you need to create a lesson, topic test, class discussion, homework task or revision exercise, and Exampro allows you to make it in minutes!







# How to access your course material

In your booklet, you'll find a step by step guide to accessing electronic copies of the materials used here today.



#### How did we do?

Please take a moment to complete a brief evaluation form for today's event. Your feedback is very important to us as it helps us improve and plan future training.

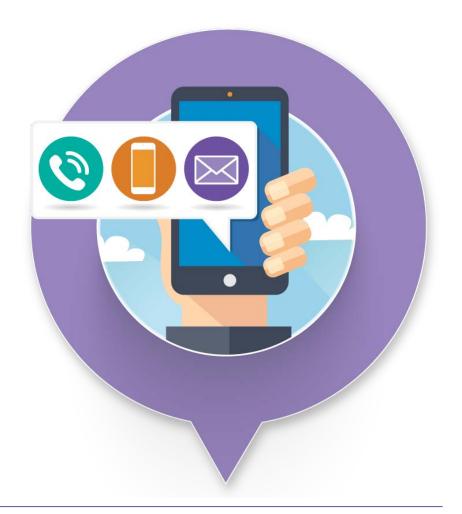
Thank you.



#### Get in touch

For qualification information, resources and support, please visit: <a href="mailto:aqa.org.uk/science">aqa.org.uk/science</a>

Enquiries
gcsescience@aqa.org.uk
alevelscience@aqa.org.uk







# Thank you