



# Unlock STEM Success: Insights from Oxford & top universities



## Before we get started...

To keep background noise to a minimum your microphone and webcam are automatically disabled.

You can communicate with us via the chat for any technical assistance.

For questions about the content of the presentation please utilise the Q&A function.

There will be some time for Q&A at the end of the session.

This session is being recorded and will be available to view again on demand.



# Welcome to Pearson

# Welcome to Pearson Edexcel

---

We are the world's leading learning company and as the **UK's largest awarding organisation**, best placed to provide qualifications aligned to the British Educational System.

---

Our international **heritage stretches back over 150 years**.

---

Today, we partner with schools, universities and employers worldwide, offering world-class, globally-recognized qualifications to over **3.5 million students a year**.

---



**6,500**

Trusted and recognized qualifications partner to 6,500 schools, colleges and employers globally.

**10 million**

We mark over 10 million exam scripts on behalf of the UK Department for Education each year.

**70**

We operate in 70 countries worldwide.

---

# Agenda:

**01**

**Aims – Ken Choong (RDM South-East Asia)**

**02**

**Support available from Pearson Edexcel – Tim Lawrence & Jonathan Wong (Science Subject Advisor & Subject Partner)**

**03**

**Why Pearson Edexcel IAL Sciences are a good choice for learners – Jonathan Wong**

**04**

**What do top universities like Oxford look for in potential STEM applications – James Riley/Kate Andrina, Oxford University**

**05**

**Q & A**

# Aims of this Webinar

**01** Review Support available from Pearson for teachers

**02** Understand why Pearson Edexcel IAL Sciences are a good choice for learners

**03** Understand what top universities such as Oxford look for in potential STEM applicants

**04** Clarify any myths and misconceptions about applying to Oxbridge.

# Personalised subject Support

# Subject Advisor Support



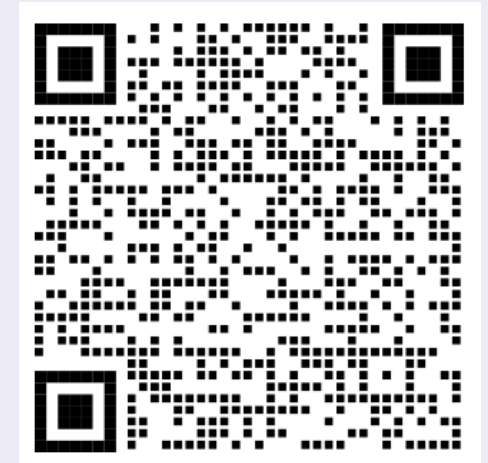
Our subject advisors are experts in their fields and are here to support you throughout the year with technical subject matter or administrative issues.

Tim Lawrence – Psychology and International Sciences *Subject Advisor*

Email: [Teachingscience@pearson.com](mailto:Teachingscience@pearson.com)

Phone: +44 (0) 344 463 2535 (Mon–Fri, 9.00–17.00)

[Sign up](#) to receive regular updates from your Subject Advisor on qualification news and support for your subject.



# Subject Partner Support

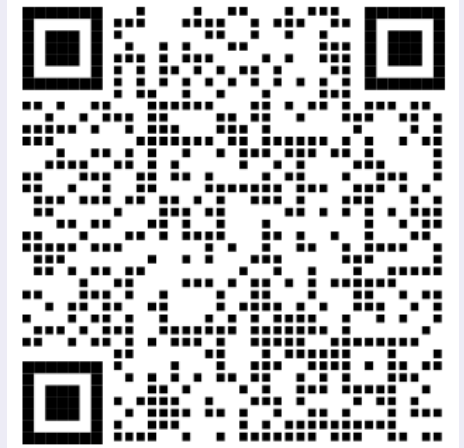


Our subject partners are experts in their fields and are here to support you with switching to us as well as concerns with respect to the qualification as a whole.

**Jonathan Wong**–International Sciences *Subject Partner*

Please contact your local Pearson Consultant/ Regional Development Manager who will pass on your concerns.

You can scan the QR code or click the link [here](#) to find out who your local consultant and contact them




# Online support for you at every stage

Specification Course materials News

Home > Our qualifications > International Advanced Levels > Biology (2018) [Subscribe](#) [Sign in](#)

## International Advanced Levels Biology (2018)

### Specification



First teaching: **September 2018**  
First external assessment: **2019**

Our International Advanced Subsidiary and Advanced Level Biology has been developed to be engaging for international learners and to give them the necessary skills to support progression to higher education or further study in biology, as well as to a wide range of other subjects.

[DOWNLOAD](#)

PDF | 1.6 MB

### Register your interest

Find out more about Pearson Edexcel International qualifications and sign up to receive the latest news. [Let us know](#)

### Course materials

- [Specification and sample assessments \(3\)](#)
- [Exam materials \(343\)](#)
- [Teaching and learning materials \(51\)](#)

### Teaching support and training

- [Training sessions](#)
- [Results support](#)
- [Grade boundaries](#)

### Published resources

To support effective classroom delivery, we've developed a range of published resources for the new Edexcel International Advanced Level (IAL), with a strong focus on progression, recognition and transferable skills – allowing learning in a local context to a global standard.

[Learn more](#)

### News and updates

[See more](#)

January 2026 International Science Qualification News | **2 January 2026**

### Tim Lawrence

Psychology and international Science

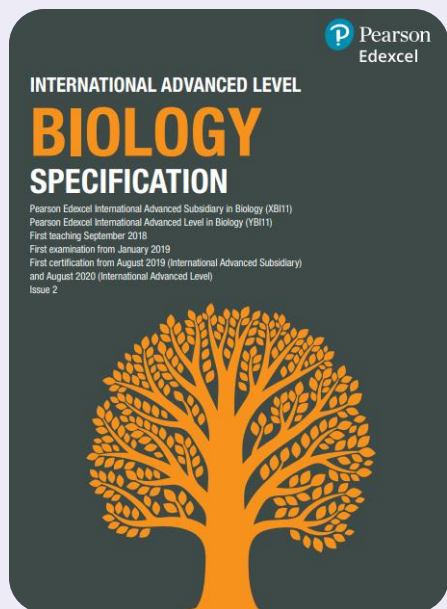
**Email:** [teachingscience@pearson.com](mailto:teachingscience@pearson.com)

**Facebook:** -Psychology Facebook group for teachers  
-International Science Facebook group for teachers

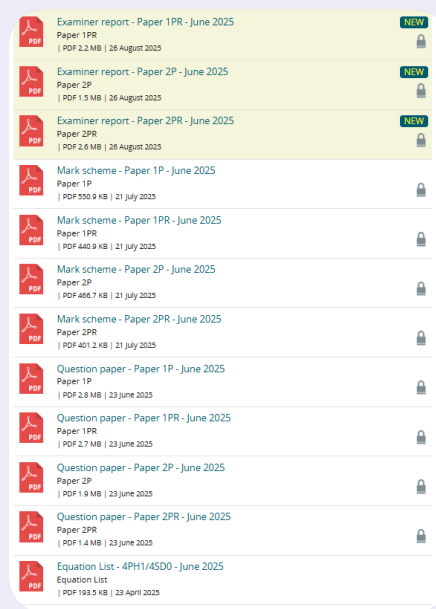
**Phone:** +44 (0) 344 463 2535  
(Teaching Services team | Mon - Fri, 8am - 5pm GMT)

- [Sign up for subject advisor updates](#)
- [Visit the customer support portal](#)
- [Visit your community groups](#)
- [Book an appointment with your subject advisor](#)
- [Connect on LinkedIn](#)

# Teaching and Learning Materials



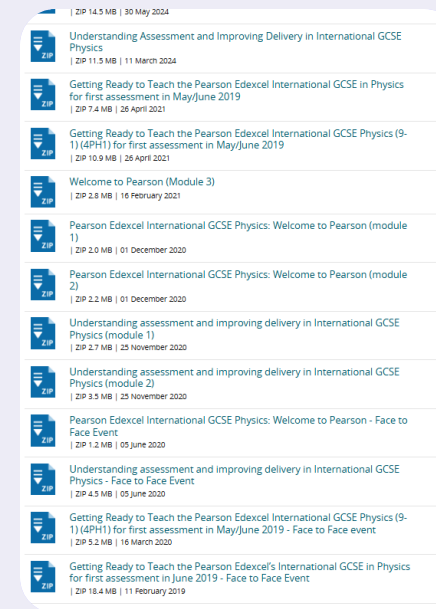
Specification



Past Papers



Teaching and Learning Materials



Past Training Content

# Exam Wizard

- Saves time by creating your own mock paper exams, topic tests, homework or revision activities.
- Uses our Pearson back catalogue of exam questions to practice and develop these skills with your learners'.
- Gain access to past papers and test questions to create tailored learners plans, which target individuals' weaknesses.
- Works in conjunction with ResultsPlus to help create exam practice resources for whole cohorts or individual learners.

The screenshot displays the Exam Wizard interface. The top navigation bar includes 'examWizard', 'Find Past Papers', 'Build a paper', 'My Papers', 'Help', and 'Log out'. The main content area is divided into a left sidebar for search filters and a right table of results.

**Search filters (left sidebar):**

- Search papers:** Search bar with a magnifying glass icon.
- Select a qualification:** Dropdown menu with 'International GCSE (9-1)' selected.
- Select a specification:** Dropdown menu with 'All selected (1)' selected.
- Select a year:** Dropdown menu with 'Select one or more' selected.
- Select a series:** Dropdown menu with 'Select one or more' selected.
- Select a unit:** Dropdown menu with 'Select one or more' selected.
- Buttons:** 'Search' (orange) and 'Clear' (grey).

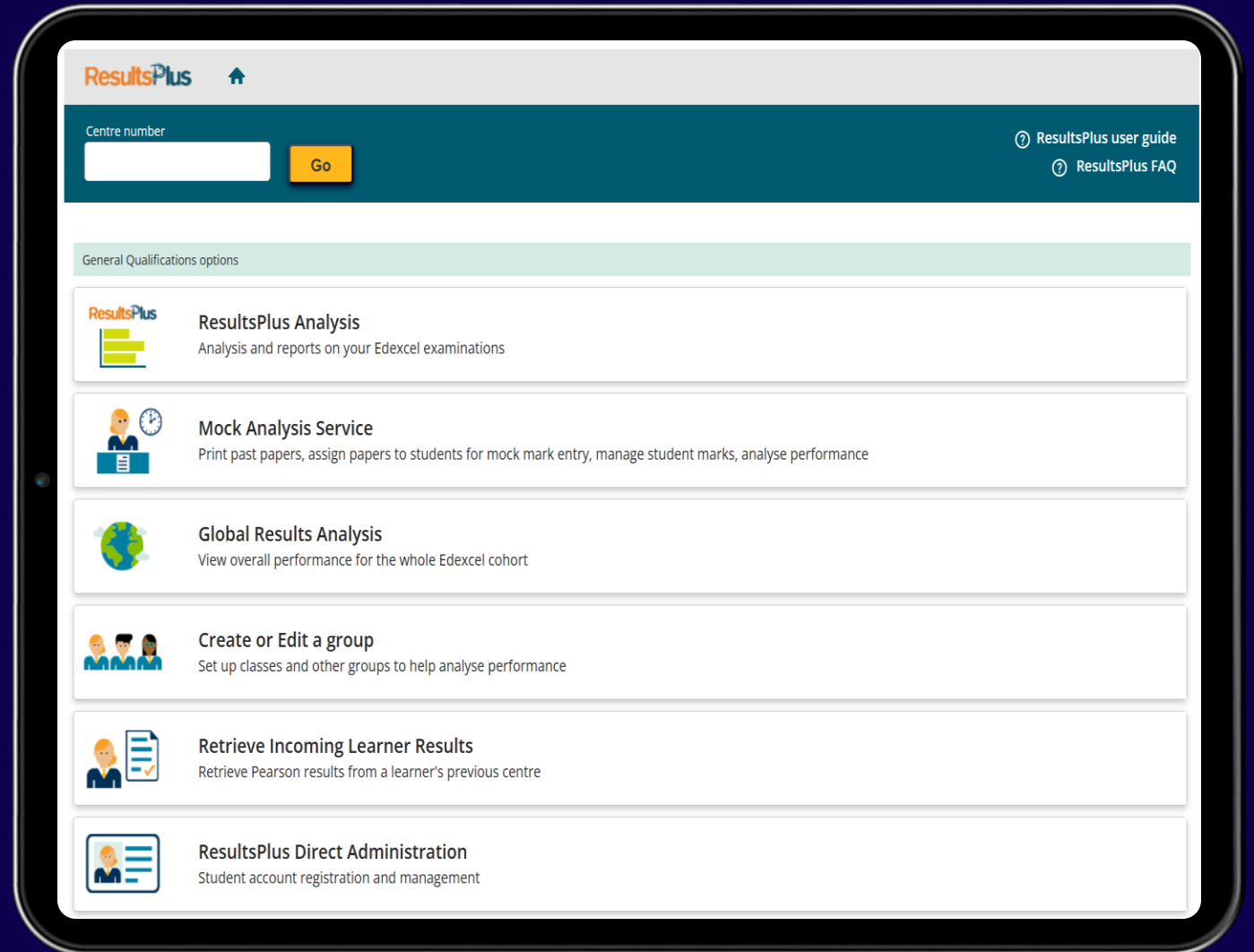
**Table of results (right):**

Showing 1 - 20 of 21 results

Paper name	Code	Tier	Series	Year	Export PDF
Paper 1: Physical geography	4GE1/01		Nov	2021	
Paper 1: Physical geography	4GE1/01		Nov	2020	
Paper 1: Physical geography	4GE1/01		June	2022	
Paper 1: Physical geography	4GE1/01R		June	2022	
Paper 1: Physical geography	4GE1/01		Nov	2023	
Paper 1: Physical geography	4GE1/01		June	2023	
Paper 1: Physical geography	4GE1/01		SAM	SAM	
Paper 1: Physical geography	4GE1/01		June	2024	
Paper 1: Physical geography	4GE1/01		Specimen papers	Specimen papers	
Paper 1: Physical geography	4GE1/01		Nov	2024	

# Results Plus

- Provides detailed analysis of your learners' performance.
- Identify potential topics, skills and types of question where students may need to develop their learning further.
- See actual scores for each exam question for a student, class or group.
- Understand how your students' performance compares with class and Pearson Edexcel national averages.
- Acquire data that may support effective learning and teaching approaches.



# Access to Scripts

Access to Scripts is an online service, included as part of your qualification fees, that allows you to view your candidates' marked scripts online or download as a PDF.

The Access to Scripts service provides a rich source of information, enabling detailed analysis to inform teaching and learning and support students – giving insights and visibility that performance data alone cannot provide.

The screenshot shows the Pearson | Qualifications website. The page title is "What is Access to Scripts?". The navigation bar includes "Support topics", "Services", "Key dates", "Resources", and "Overview". The main content area features a heading "What is Access to Scripts?" followed by a paragraph: "Pearson is the only awarding organisation to provide access to your students' marked exam papers included as part of your qualification fees." Below this is a paragraph: "This popular online post-results service was used in summer 2023 by over 5,500 centres accessing over 590,000 scripts online across 595 of our summer exams, providing more transparency of marked scripts." A third paragraph states: "Available for all GCSE, International GCSE, AS, A level and BTEC qualifications from results day, allowing teachers to access their candidates' exam papers for all scripts that have been marked online\*." A section titled "What is the Access to Scripts service and how do I use it?" contains a bulleted list: "The online portal allows you to view your candidates' marked scripts online or download as a PDF.", "It is a self-service portal via Edexcel Online giving you instant access to scripts.", "You will be able to evaluate how your candidates performed on particular questions and how that is reflected in their final grade.", and "It will help you to identify skills gaps so you can tailor future teaching plans." Below the list is a note: "Please note that written permission must be gained from candidates before scripts can be accessed." Another note says: "You can use the Access to Scripts service to help decide if you wish to request a review of marking. Please take note of the deadlines for requesting a review of marking for different qualifications as requests submitted after the deadlines will not be accepted." There are two download links: "Download the FAQs (PDF | 92.9 KB)" and "Download the user guide (PDF | 529.6 KB)". A sidebar on the right contains "Access to Scripts", "What is Access to Scripts?", "How to use Access to Scripts", and "Case studies". A button at the bottom right says "See more post-results services".

# Edexcel Pearson IAL Sciences- Great for Learners

# Why is Edexcel Pearson IAL Sciences great for Learners?

01

Modular

02

Focus on application of knowledge, data analysis and evaluative skills

03

Rigorous and Fair assessment of practical skills

04

Recognition by top higher education institutions



UNIVERSITY OF  
OXFORD

# Applying to study STEM at Oxford

**James Riley**

**Kate Andrina**

International Student Recruitment  
University of Oxford



# Oxford and international students

Oxford students come from over 170 countries and regions

Choosing a course:

[A-Z of courses | University of Oxford](#)

Good starting point for STEM prep:

[Suggested Subject Resources | University of Oxford](#)

Popularity	Course (by app)	Offer rate (n=apps)	% of total number of intl & EU applications (n=apps)
1	Philosophy, Politics and Economics	9%	11%
2	Economics and Management	3%	9%
3	Mathematics/Mathematics & Stats	9%	9%
4	Law	9%	7%
5	Engineering Science	12%	6%
6	Medicine	2%	6%
7	Physics	14%	6%
8	Computer Science	5%	4%
9	Chemistry	12%	4%
10	Biochemistry	6%	4%

Course choice data (2021-2025 UCAS cycles)



# The 2025 admissions timeline

There are several steps to the application process:

1. Choose your course
2. Choose a college (or make an open application)
3. UCAS application
4. Admissions tests
5. Written work
6. Interviews
7. Decisions
8. Results





# International A-Levels

- International A-levels (offered by Cambridge Assessment International Education, Pearson Edexcel and Oxford AQA) are recognised as equivalent to UK GCE A-levels on a grade-for-grade basis.
- If a practical component forms any part of the A-Levels taken, we expect candidates to have taken it and passed.
- If you are taking science A Levels offered by exam boards that do not assess practical skills through a practical endorsement, then this would **not** be required.



# Our webinars

## Three sections:

1. Application support
2. General Oxford information
3. Advice and guidance

- Two sessions for different time-zones
- Variety of guests and Q&A's
- Live sessions with recordings available after



## Core counsellor sessions

Webinars tailored to teachers and school counsellors

October 2025

Guiding students: tests and interviews

March 2026

UCAS Reference & Personal Statements: best practice

May 2026

Oxford data insights



## Destination Oxford

Our exclusive webinar series for prospective international students

September 2025

Supporting international students: ask us anything

September 2025

Preparing for admissions tests

October 2025

Inside the interview: tutors' views

October 2025

Inside the interview: students' views

November 2025

The Oxford interview: ask us anything

January 2026

Agents, myths and social media: fact vs fiction

January 2026

Oxford and the Ivy League: similarities and differences

February 2026

Choosing the right course in the UK

March 2026

Oxford and its colleges explained

March 2026

University of Oxford students: ask us anything

April 2026

Super-curriculars: going beyond the classroom

April 2026

Making the most of your personal statement

April 2026

Oxford Q&A for parents

May 2026

Preparing for admissions tests

June 2026

Applying to Oxford: ask us anything



# International counsellor mailing list

Sign up to our mailing list for international counsellors and teachers

The latest information and news  
on undergraduate admissions  
at Oxford

Registration for our free online  
webinars

Follow this link:

[http://www.tinyurl.com/IntSchl  
MaiLlist](http://www.tinyurl.com/IntSchlMaiLlist)





# Any questions?

For any other queries for Pearson, please head to our Expression of Interest form



Thank you.