

Biology

IB Diploma Category 2 with Richard Scarr

21-23 May 2025

About this workshop

This workshop is provided by IBICUS Ltd, a licensed and fully authorised organiser of professional development programmes for the IB community.

Following the IB Guidelines for this workshop Category we will focus on:

- The implementation of DP policies and procedures
- Assessing the links between IB Programme standards and practices in enhancing the teaching and learning experience
- Integrating the Skills into the ESOW.
- Reviewing aspects of assessment to ensure that teaching and learning activities promote student achievement and address subject-specific assessment criteria, both internal and external.
- Conceptual teaching and learning.

- Integrating the IB philosophy, NOS and TOK to promote student understanding.
- Best practice in delivering the SI
- Differentiating between the EE and the SI
- The CSP

Pre-workshop information and preparation

It is essential that you come ready to share your practice, ideas and resources and to share a favourite lab and a challenging lesson with the other participants

Before the workshop, please do the following:

Familiarise yourself with the Google Drive functionality

APPS and materials

Please ensure that you have access to and understand how to use the following:

MyIB
Google Drive
A printed copy of the SI criteria
The IB Biology Guide

DAY 1

UK Time	Session	Objective	Session Content
08:30 – 08:55	SET UP	Meet and greet and ensure everyone has connectivity and access to materials and apps	Welcome, navigation, app usage, general housekeeping
08:55 – 09:00	BREAK		
09:00 – 10:00	1.1	General introduction	Introduction and welcome. Burning issues General introduction to the course and IB philosophy, standards, and practices.
10:00 – 10:15	BREAK		
10:15 – 11:45	1.2	Curriculum content	Exploring the biology course through the approaches to learning and approaches to teaching Developing a teaching scheme NOS
11:45 – 12:00	BREAK		
12:00 – 13:30	1.3	Conceptual teaching of Biology	Reflecting on best practice in delivering the curriculum content and conceptual teaching of Biology. Incorporating TOK and IM and Aim 8 into Biology teaching

Asynchronous content Day 1

Q and A with workshop leader as required.

Reflecting on best practice in delivering the curriculum content, conceptual teaching of Biology and syllabus telescoping.

Completion/editing of Resources.

Edit “My takeaways and reflection for the day.”

DAY 2

UK Time	Session	Objective	Session Content
09:00 – 10:30	2.1	External examination overview	Interpreting external examination questions and the mark scheme Best practice in preparing students for the examination
10:30 – 10:45	BREAK		
10:45 – 11:45	2.2	Overview of the ESOW	NOS and practical work. Skills and Tools in Biology. Guidelines for the use of animals in experimental work
11:45 – 12:00	BREAK		
12:00 – 13:30	2.3	Internal assessment part 1—planning and support.	Mathematical and statistical requirements of the IA. The criteria of the IA Developing research questions from initial ideas. Group work – ideas and pitfalls.

Asynchronous content Day 2

Q and A with workshop leader as required.

Reading an IA exemplar in preparation for moderation

Completion/editing of Resources.

Edit “My takeaways and reflection for the day.”

DAY 3

UK Time	Session	Objective	Session Content
09:00 – 10:30	3.1	Internal assessment part 2—moderation and assessment.	Discussion and application of the IA criteria, post moderation
10:30 – 10:45	BREAK		
10:45 – 11:45	3.2	Internal Assessment part 3- wrap up	Final moderation The IA process
11:45 – 12:00	BREAK		
12:00 – 13:30	3.3	Extended Essay Collaborative Science Project Summary session – outstanding issues	The Extended Essay in outline Summary session, outstanding issues, and closure.

Asynchronous content Day 3

Q and A with workshop leader as required.

Completion/editing of Resources.

Edit “My takeaways and reflection for the day.”