

**JAMES** EDUCATION  
**HOWARD**

academic excellence online

**IGCSE Biology**  
**Factsheet**



# GCSE/IGCSE Biology

## Factsheet

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Course schedule

**Work programme – GCSE & IGCSE biology extended**

**Section A**

**Part 1:**

<b>Units</b>	<b>Duration</b>
Characteristics and classification of living organisms	Week 1
Organisation of the organisms	Week 1
Movement in and out of cells	Week 2
Biological molecules	Week 2
Enzymes	Week 3
Plant nutrition	Week 3
Assessments	Week 3

**Part 2:**

<b>Units</b>	<b>Duration</b>
Human nutrition	Week 4
Transport in plants	Week 4
Transport in plants	Week 5
Diseases and immunity	Week 5
Gas exchange	Week 6
Assessments	Week 6

**Section B**

**Part 3:**

<b>Units</b>	<b>Duration</b>
Respiration	Week 7
Excretion in humans	Week 7
Coordination and response	Week 8
Drugs	Week 8
Reproduction	Week 9
Assessments	Week 9

**Part 4:**

<b>Units</b>	<b>Duration</b>
Inheritance	Week 10
Variation and selection	Week 10
Organisms and their environment	Week 11
Human influences on ecosystems	Week 11
Biotechnology	Week 12
Revision	Week 12

## **Weekly course overview**

- The academic year has teaching & learning weeks within which you'll be expected to go through virtual preloaded platform lessons per week (at least 1 lesson a day).
- The programme and order of topics to be covered are listed in the work programme above. You will be working through lessons on the Moodle platform in the order of topics as listed in the work program.

## **Assessment & Examination**

- For an additional fee you receive:
  - a pack of mock and past papers with once week teams/zoom meetings where a qualified teacher provides worked solutions.

## **Introduction**

GCSE & IGCSE Biology is a comprehensive and internationally recognized secondary-level science course designed to provide students with a solid foundation in the fundamental principles of biology. Our IGCSE Biology course covers the range of topics listed in the work program above. The course aims to foster an understanding of the natural world, promote scientific inquiry and critical thinking, and equip students with the knowledge and skills necessary for further studies in biology or related fields.

Unlock Your Potential with Our 12-Week GCSE & IGCSE Revision Course!

Are you aiming to ace your GCSE or IGCSE exams? Look no further! Our meticulously designed 12-week revision course is here to transform your preparation journey, ensuring you master both the course content and the art of exam technique.

## What we offer:

- **Comprehensive Coverage:** Dive into every topic of your syllabus with our extensive asynchronous learning materials. Our course is crafted to cover each knowledge point thoroughly.
- **Engaging Video Explanations & Exercises:** Learn through engaging short videos and reinforce your understanding with tailored exercises. This dynamic approach guarantees knowledge retention and keeps you actively engaged.
- **Interactive Learning Management System:** Got a question? Submit it anytime via our user-friendly online platform. Your queries will be addressed in our weekly 45-minute live seminars, fostering a deeper understanding of complex topics.
- **Re-watch and Revise:** Missed a live session? No worries! All seminars are recorded, allowing you to revisit and review the content as many times as you need throughout the course duration.

## Subscription options:

1. **Standard Access:** This option provides full access to our course materials, weekly live seminars, and the ability to submit questions for personalised feedback.
2. **Premium Access:** Elevate your revision with our Premium package. This includes everything in the Standard Access, plus:
  - **Exclusive Past Papers Pack:** Receive a curated collection of past papers to practice and perfect your exam skills, with live personalised feedback.
  - **Additional Weekly Tutorial:** Benefit from an extra 45-minute live session each week, focusing on reviewing and correcting mistakes in the practice papers. This targeted and personalised approach ensures you understand common pitfalls and how to avoid them.

## Why choose us?

Our course is more than just a revision guide; it's a comprehensive learning experience designed to build your confidence and knowledge. With a track-record of international success, expert tutors, interactive sessions, and a focus on exam technique, we provide all the tools you need to succeed.

Enroll Now and Take the First Step Towards Exam Success!

Note: The course is designed to cater to a diverse range of learning styles, ensuring that every student can find a path to success. Whether you prefer self-paced learning or interactive sessions, our course adapts to your needs.

This work programme is to help guide you throughout the course of the year so that you know what is expected of you and what deadlines need to be met. It is important to always refer to this programme as a reminder of the objectives and methodology that needs to be followed.

## Advantage of doing the IGCSE Biology Curriculum:

Engaging in the GCSE & IGCSE Biology curriculum offers several advantages for students.

- Firstly, it provides a globally recognized qualification, ensuring that students are well-prepared for further education and employment opportunities worldwide.
- The curriculum's comprehensive coverage of key biological concepts, from genetics to ecology, equips students with a solid foundation in the subject.
- IGCSE Biology encourages inquiry-based learning, nurturing students' curiosity and analytical abilities.
- Additionally, the curriculum promotes cross-disciplinary connections by integrating scientific knowledge with real-world applications.

Successfully completing the GCSE & IGCSE Biology course not only prepares students for advanced studies in the life sciences but also instils a broader understanding of the natural world, fostering a scientifically literate and curious mindset that extends beyond the classroom.

## **Aims**

The aims are to enable students to:

- acquire scientific knowledge and understanding of scientific theories and practice.
- develop a range of experimental skills, including handling variables and working safely.
- use scientific data and evidence to solve problems and discuss the limitations of scientific methods.
- communicate effectively and clearly, using scientific terminology, notation and conventions.
- understand that the application of scientific knowledge can benefit people and the environment.
- enjoy science and develop an informed interest in scientific matters which support further study.