Cornwallis Academy
Ambitions for All

SMILE
SUCCESSFUL | MOTIVATED | INSPIRED | LEARNING | EXCITED & ENGAGED

A-level Biology

Curriculum Intent

To equip our young people with the knowledge needed to understand the world and technology around them. To encourage curiosity in the natural, physical, and chemical world around them. To foster critical thinking and provide our young people with a chance to broaden their horizons and provide multiple routes into STEM careers.

Assessment, Marking and Feedback

There are **three written papers** plus the **Practical Endorsement**.

Paper 1:

- **Duration:** 2 hours
- **Modules covered:**
- Module 1-Module 8

Paper 2:

- **Duration:** 2 hours
- **Modules covered:**
- Module 9-Module15

Paper 3:

- **Duration:** 2 hours
- **Modules covered:**
- Range across modules 1-15 (yr12/13) plus an essay question

Practical Endorsement

- Continuous assessment throughout the course (teacher-assessed)
- Pass/Fail
- Required practical skills embedded across Modules 1–15

Homework

Online platform: www.kerboodle.com
Kerboodle is an online learning platform designed to support A-level Biology students with everything from day-to-day classwork to final exam revision. It gives students access to digital textbooks, revision resources, exam-style questions, quizzes, required practical support, maths-skills practice and interactive activities — all matched closely to their exam board specification.
Students can use Kerboodle to revise independently, complete teacher-set assignments, track their progress and strengthen weaker topics using self-assessment checklists, podcasts, worked examples and practice questions. The platform is especially useful for consolidating difficult concepts, practising exam technique and preparing for practical endorsement skills throughout the course.

Links to National Curriculum / Syllabus Specifications

AQA A Level Biology (7402)
AS and A-level Biology Specification Specifications for first teaching in 2015

Exam Support & Revision Resources

Kerboodle is an online learning platform designed to support A-level Biology students with everything from day-to-day classwork to final exam revision. It gives students access to digital textbooks, revision resources, exam-style questions, quizzes, required practical support, maths-skills practice and interactive activities — all matched closely to their exam board specification.

Students can use Kerboodle to revise independently, complete teacher-set assignments, track their progress and strengthen weaker topics using self-assessment checklists, podcasts, worked examples and practice questions. The platform is especially useful for consolidating difficult concepts, practising exam technique and preparing for practical endorsement skills throughout the course.

Extracurricular and Enrichment Opportunities

- Revision sessions offered as and when required
- Educational trips and visits – field trip to Wildwood
- Guest speakers in school
- Competitions – opportunity to participate in the annual Biology Olympiad

Interested to know more?

📖 **To read:**

•*YouTube – crash course biology*

• Physics & Maths Tutor (PMT) revision notes – concise summaries + exam practice by topic

📽 **To watch:**

• FreeScienceLessons (YouTube) – exam-focused walkthroughs and clear visuals

• Cognito Biology (YouTube) – short, high-impact revision clips with questions

Khan Academy A Level Biology Biology archive | Science | Khan Academy

🎧 **To listen:**

Khan Academy A Level Biology Biology archive | Science | Khan Academy

🔭 **To visit:**

• Science Museum (London)

• The Royal Institution (London) – historic lectures and demonstrations (including famous Christmas Lectures)

• Oxford University Museum of Natural History – exhibits linking chemistry, minerals, and materials science