

SCHOOLWIDE REVISION RESOURCES BIOLOGY

[Login here](#)

Dear Colleague,

We subscribe to an immensely useful learning and revision resource called SAM Learning. All Teachers and Learners automatically receive a user account to access this comprehensive library of exam board-aligned BIOLOGY resources. The service covers 17 subjects and is being used by other departments as part of their revision plans.

Teachers can assign to their class, or individual learners automatically marked activities on topics of their choice. The work appears in the learner's dashboard to be completed by the date set by the teacher.

Each activity provides comprehensive coverage of the selected topic and teachers can see progress reports and knowledge gaps in minutes.

EEF-commissioned the Fischer Family Trust to analyse 300,000 students in 250 schools over 9 years and the report, published in June 2020, showed on average, students who spent 10 or more hours on SAM Learning improved 1 GCSE grade better in 2 different subjects. This is roughly equivalent to a +0.20 P8 improvement.

Have a look – don't worry as it's already paid for! If you have any questions or issues please or feel free to [email SAM Learning](#) for an overview of the BIOLOGY materials and so they can answer any questions that you or your colleagues may have about the service.

Details of what's included and how to access SAM Learning are on the following pages...

Enjoy!



"I know it improves grades with regular use. I have used SAM Learning for nearly 15 years."

Naomi May. Bullers Wood School for Boys, England.

KEY STAGE 3, GCSE AND iGSE BIOLOGY ACTIVITIES

[Login here](#)

Personalise work for your learners - and save time for your teachers
AVAILABLE TO ALL TEACHERS AND LEARNERS

About SAM Learning

We have school-wide access.

All teachers and learners have access to SAM Learning.

The service provides students with access to online interactive activities across all subjects.

The content reflects National Curriculum specifications and is aligned to exam boards.

10,000+ Resources and Activities, Learners can:

- Complete set task activities assigned by teachers
- Independently build knowledge and reinforce prior learning using activities of their choosing
- Be automatically assigned cross-curricular work as an individual, group or class using SAM Learning's adaptive A.I. technology

Automatic Marking and Reporting

SAM Learning's question level analysis identifies knowledge gaps in topics, diagnoses gaps in prior learning before starting a topic, and helps focus teaching and revision to exactly where it is needed.

And, all work is automatically marked for teachers and presented with detailed feedback in our reporting suite.

Improving Outcomes

A 9-year series of impact studies, commissioned by the EEF and completed by the Family Fischer Trust (FFT), found the **impact on student outcomes** (especially at GCSE level) when 10 task hours were completed over an academic year, was equivalent to 1 grade higher for at least 2 GCSE subjects. This is roughly equivalent to a +0.20 P8 improvement.

Market Leadership

We've chosen SAM Learning as a partner because they are highly experienced in the revision space. Reviews rank SAM Learning at the top of 20 subject and learning categories, INCLUDING BIOLOGY, with USER RATINGS of **GREAT or EXCELLENT by over 93%** in the past 6 months on EdTech Impact, in the UK.

Cross-Curricular Samples

[Click to view](#)

Biology Sample Activities

- Animal and Plant Cells
- Types of Cell
- Cell Division
- Osmosis and Diffusion
- Photosynthesis
- Infectious Diseases

Biology Resource Bank

[View Activities](#)

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KS3, GCSE and iGCSE Exam Board BIOLOGY Coverage

All Biology	
Diagnostics	3
Exam Preparation	62
Cells	81
Plants	42
Human Systems and Controls	239
Health, Disease and Medicine	102
Genetics	125
Ecology	110
All Biology	12
Grand Total	776

AQA	
Exam Preparation	42
Cell Biology	66
Organisation	73
Infection and Response	68
Bioenergetics	45
Homeostasis and Response	63
Inheritance, Variation and Evolution	131
Ecology	85
Grand Total	573

Edexcel	
Animal Coordination, Control and Homeostasis	23
Cells and Control	22
Ecosystems and Material Cycles	31
Exchange and Transport in Animals	23
Genetics	35
Health, Disease and the Development of Medicines	9
Key Concepts in Biology	32
Natural Selection and Genetic Modification	24
Plant Structures and Their Functions	11
Grand Total	210

OCR Gateway	
Cell-Level Systems	37
Ecosystems	15
Feeding the Human Race	18
Inheritance	22
Maintaining Internal Environments	18
Monitoring and Maintaining Health	6
Monitoring and Maintaining the Environment	1
Natural Selection and Evolution	8
Supplying the Cell	24
The Challenges of Size	20
The Endocrine System	6
The Nervous System	7
Grand Total	182

OCR 21st Century	
Ideas About Science	16
Keeping Healthy	12
Life on Earth – Past, Present and Future	26
Living Together – Food and Ecosystems	29
The Human Body – Staying Alive	52
Using Food and Controlling Growth	20
You and Your Genes	31
Grand Total	186

WJEC	
Cell Division and Stem Cells	13
Cells and Movement Across Membranes	44
Circulation in Humans	11
Classification and Biodiversity	11
Digestion in Humans	6
Disease, Defence and Treatment	6
DNA and Inheritance	24
Ecosystems, Nutrient Cycles and Human Impact	25
Kidneys and Homeostasis	10
Microorganisms	5
Plants and Photosynthesis	11
Respiration in Humans	14
Response and Regulation	22
Grand Total	202

Key Stage 3 Science	
Biology	48
Chemistry	66
Physics	78
Diagnostics	12
Grand Total	204

Eduqas	
Cell Biology	37
Coordination and Control	31
Ecosystems	47
Health, Disease and the Development of Medicine	20
Inheritance, Variation and Evolution	34
Photosynthesis	4
Transport Systems	25
Grand Total	198

iGCSE Edexcel	
Biological Molecules	16
Cell Structure	11
Characteristics of Living Things	10
Cloning	5
Coordination and Response	33
Cycles within Ecosystems	12
Excretion	9
Feeding Relationships	5
Food Production	16
Gas Exchange	20
Human Influences on the Environment	9
Inheritance	44
Levels of Organisation	4
Movement of Substances	10
Nutrition	25
Reproduction	6
Respiration	8
Selective Breeding and Genetic Modification	11
The Organism in the Environment	1
Transport	34
Grand Total	289

iGCSE Cambridge	
Biological Molecules and Enzymes	10
Biotechnology and Genetic Engineering	8
Cell Structure and Organisation	14
Characteristics of Living Organisms	5
Classification	6
Coordination and Response	31
Diseases and Immunity	5
Drugs	8
Excretion in Humans	4
Food Chains and Food Webs	8
Gas Exchange in Humans	4
Human Influences on Ecosystems	14
Human Nutrition	9
Inheritance	24
Movement In and Out of Cells	9
Nutrient Cycles	15
Plant Nutrition	10
Reproduction	10
Respiration	10
Transport in Animals	11
Transport in Plants	4
Variation and Selection	9
Grand Total	228

Activities generally take 10-15 minutes to complete or are timed activities to simulate an exam setting. Activities are automatically marked, can be assigned to your class or a group of pupils, and tightly focused on quickly assessing knowledge and gaps. Activities include:

Account Access and Support Details

Teacher Accounts

Go to <https://platform.samlearning.com>

Enter your login details & click sign in

Any problems? You will need to contact SAM Learning directly. Go to the [Forgotten your Teacher Login page](#) and fill in the form for them to resolve it.

Teachers can identify learner user ID's by logging into their teacher account and clicking Learners off the top navigation bar. This page contains a user ID column.

[Login here](#)

Learner Accounts

Go to <https://platform.samlearning.com>

User ID - a learner's user ID is typically their school email address. Where a Learner has no school email address it will be their six-digit DOB followed by their initials. I.E. Sam Large 01.01.21, the ID would be 010101SL

Password - a learner's password is typically their school email address. Where a Learner has no school email address it will be their six-digit DOB followed by their initials. I.E. If Sam Large was born on 1st January 2001, the user ID would be 010101SL

Centre ID - the Centre ID is a unique identifier assigned to each school. The 'Can't log in?' feature is available.

Service Support

Brief CPD Videos (links enclosed) are available or feel free to [email](#) SAM Learning for an overview of the geography materials so they can answer any questions that you or your colleagues may have about the service.



sst@samlearning.com



0845 130 4160

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Quick Start Videos



What is Sam Learning?



Subject Intervention - Catchup



How to Set a Task



Classroom Intervention



Review Success



Class Differentiation Group



Question Level Analysis



Revision Guide for Students



Discover Content



Revision Guide for Teachers



Subject Intervention



Tutoring



Classroom Intervention CPD



Year 7 Numeracy



Middle Leader Support



Assessment for Learning



sst@samlearning.com



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Watch now



Proven Impact



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