

**PB**

Preliminary Biology

2025 Holiday Course

TOPICS

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2025 Preliminary Holiday Course

Summer School Holidays - 2025

Introduction to Biology

Cells as the Basis of Life 1 - Prokaryotic and Eukaryotic Cells

Cells as the Basis of Life 2 - Transport Across Cell Membranes

Cells as the Basis of Life 3 - Cell Requirements and Nutrients

Cells as the Basis of Life 4 - Enzymes and Biochemical Processes

Cells as the Basis of Life 5 - Microscopy

Organisation of Living Things 1 - Multicellular Organisms

Organisation of Living Things 2 - Autotrophs

Organisation of Living Things 3 - Heterotrophs

Intu Term 1, Exam 2025 & Review (can be sat during Term) & Tutorials in Term 1

Autumn School Holidays - 2025

Organisation of Living Things 4 - Transport

Biological Diversity 1 - Effects of the Environment on Organisms

Biological Diversity 2 - Adaptations

Biological Diversity 3 - Evolution by Natural Selection

Biological Diversity 4 - Convergent and Divergent Evolution

Biological Diversity 5 - Evidence Supporting Evolution by Natural Selection

Revision Class

Intu Term 2, Exam 2025 & Review (can be sat during Term) & Tutorials in Term 2

Winter School Holidays - 2025

Ecosystem Dynamics 1 - Ecosystems

Ecosystem Dynamics 2 - Consequences & Past Ecosystems

Ecosystem Dynamics 3 - Technology & Evolution within Ecosystems

Ecosystem Dynamics 4 - Extinctions & Change

Ecosystem Dynamics 5 - Future Ecosystems

Scientific Investigations

Practical Tasks

Intu Term 3, Exam 2025 & Review (can be sat during Term) & Tutorials in Term 3

Spring School Holidays - 2025 (HSC Course)

Heredity 1 - Reproduction in Plants, Fungi and Bacteria

Heredity 2 - Reproduction in Animals

Heredity 3 - Cell Replication

Heredity 4 - DNA & Polypeptide Synthesis

Heredity 5 - Genetic Variation

Heredity 6 - Inheritance Patterns in a Population

Working Scientifically

Intu Term 4, Exam 2025 & Review (can be sat during Term) & Tutorials in Term 4