





By Roxanne Russo

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An IB Biology exam revision guide

Based on the 2014 DP Biology course, the 'IB Biology Revision Workbook' is intended for use by students studying at any stage of the two-year course. Teachers and tutors will also enjoy using this workbook with their students. A wide variety of revision tasks are included covering topics of the Standard Level Core, Additional Higher Level and each of the four Options.

The tasks include skills and applications taken directly from the guide, as well as activities aimed at consolidating learning. Students are asked to draw, label, colour or annotate diagrams; sketch or analyse graphs; complete concept maps and Venn diagrams; answer examination-style questions; fill in summary tables; and connect related ideas.

A section on preparation is included to assist students prior to the examinations, along with exam-answering techniques and helpful tips to answering questions. A glossary of key terms and summary of prefixes and suffixes also assists student revision.

Contents

A Note to the Student; General Information; 1. Cell Biology; 2. Molecular Biology; 3. Genetics; 4. Ecology; 5. Evolution and Biodiversity; 6. Human Physiology; 7. Nucleic Acids; 8. Metabolism, Cell Respiration and Photosynthesis; 9. Plant Biology; 10. Genetics and Evolution; 11. Animal Physiology; 12. Neurobiology and Behaviour; 13. Biotechnology and Bioinformatics; 14. Ecology and Conservation; 15. Human Physiology; Appendix 1 Prefixes and Suffixes; Appendix 2 Definitions; Appendix 3 Exam Techniques; Appendix 4 Exam Preparation; References/Bibliography; Index.

About the Author(s) / Editor(s)

Roxanne Russo is a DP Coordinator and teaches DP Biology at Mercedes College, Australia. Russo is also an examiner and moderator of DP Biology.

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