**Biology Revision**

What you need to revise from your textbook (*IGCSE Biology: Coursebook*) for your IGCSE Coordinated Sciences exams:

**Biology topics (Coordinated Sciences) IGCSE Biology: Coursebook**

B1. Characteristics of living organisms Chapter 1, p.2

B2. Cells

2.1 Cell Structure Chapter 1, p.8

2.2 Movement into & out of cells Chapter 2, p.13-17, chapter 3, p.20-28

B3. Enzymes Chapter 5, p.39-44

B4. Nutrition

4.1 Nutrients Chapter 4, p.31-37, Chapter 7, p.64-66, 69

4.2 Plant nutrition (photosynthesis) Chapter 6, p. 49-60

4.3 Animal nutrition (digestion) Chapter 7, p. 66-67, 71-82

B5. Transportation

5.1 Transport in plants Chapter 8, p. 100-107, 109-110

5.2 Transport in humans Chapter 8, p. 84-97

B6. Respiration

6.1 Aerobic and anaerobic respiration Chapter 9, p. 112-115

6.2 Gas exchange Chapter 9, p. 116-119, 121-123

B7. Coordination and response

7.1 Nervous control in humans Chapter 10, p.126-134

7.2 Hormones Chapter 10, p.137-138

7.3 Tropic responses Chapter 10, p. 139-142

7.4 Homeostasis Chapter 11, p. 145-151

B8. Reproduction

8.1 Asexual and sexual reproduction Chapter 13, p. 165, 168, 191-192

8.2 Sexual reproduction in plants Chapter 13, p. 182-191

8.3 Sexual reproduction in humans Chapter 13, p. 169-177

B9. Inheritance

9.1 Chromosomes and genes Chapter 14, p.194

9.2 Cell division Chapter 14, p. 195-197

9.3 Monohybrid inheritance Chapter 14, p. 199, 201-204

9.4 Variation and selection Chapter 14, p. 204-210, 213-214

B10. Energy flow in ecosystems Chapter 15, p. 218-224

B11. Human influences on the ecosystem Chapter 16, p. 232-241

The key ideas and revision questions at the end of each chapter are also helpful, as is the glossary at the back of the book. The CD-ROM also contains self-assessment questions.