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| Key |  | Major topic area - revision priority        |
|     |  | Content may be assessed - revision required |
|     |  | Will NOT be assessed - do not revise        |

## AQA GCSE Science Advance Information

| Course     | Subject & Paper | Spec. Code | Title   | Topic |
|------------|-----------------|------------|---|-------|
| Combined H | Biology Paper 1 | 4.1.1.1    | Eukaryotes and prokaryotes                                | B1    |
| Combined H | Biology Paper 1 | 4.1.1.2    | Animal and plant cells                                    | B1    |
| Combined H | Biology Paper 1 | 4.1.1.3    | Cell specialisation                                       | B2    |
| Combined H | Biology Paper 1 | 4.1.1.4    | Cell differentiation                                      | B2    |
| Combined H | Biology Paper 1 | 4.1.1.5    | Microscopy  | B1    |
| Combined H | Biology Paper 1 | 4.1.2.2    | Mitosis and the cell cycle                                | B2    |
| Combined H | Biology Paper 1 | 4.1.2.3    | Stem cells  | B2    |
| Combined H | Biology Paper 1 | 4.1.3.1    | Diffusion   | B1    |
| Combined H | Biology Paper 1 | 4.1.3.2    | Osmosis   | B1    |
| Combined H | Biology Paper 1 | 4.1.3.3    | Active transport  | B1    |
| Combined H | Biology Paper 1 | 4.2.2.1    | The human digestive system                                | B3    |
| Combined H | Biology Paper 1 | 4.2.2.2    | The heart and blood vessels                               | B5    |
| Combined H | Biology Paper 1 | 4.2.2.3    | Blood   | B5    |
| Combined H | Biology Paper 1 | 4.2.2.4    | Coronary heart disease: a non-communicable disease        | B7    |
| Combined H | Biology Paper 1 | 4.2.2.5    | Health issues   | B7    |
| Combined H | Biology Paper 1 | 4.2.2.6    | The effect of lifestyle on some non-communicable diseases | B7    |
| Combined H | Biology Paper 1 | 4.2.2.7    | Cancer  | B7    |
| Combined H | Biology Paper 1 | 4.2.3.1    | Plant tissues   | B4    |
| Combined H | Biology Paper 1 | 4.2.3.2    | Plant organ system  | B4    |
| Combined H | Biology Paper 1 | 4.3.1.1    | Communicable (infectious) diseases                        | B5    |
| Combined H | Biology Paper 1 | 4.3.1.2    | Viral diseases  | B5    |
| Combined H | Biology Paper 1 | 4.3.1.3    | Bacterial diseases  | B5    |
| Combined H | Biology Paper 1 | 4.3.1.4    | Fungal diseases   | B5    |
| Combined H | Biology Paper 1 | 4.3.1.5    | Protist diseases  | B5    |
| Combined H | Biology Paper 1 | 4.3.1.6    | Human defence systems                                     | B6    |
| Combined H | Biology Paper 1 | 4.3.1.7    | Vaccination   | B6    |
| Combined H | Biology Paper 1 | 4.3.1.8    | Antibiotics and painkillers                               | B6    |
| Combined H | Biology Paper 1 | 4.3.1.9    | Discovery and development of drugs                        | B6    |
| Combined H | Biology Paper 1 | 4.4.1.1    | Photosynthetic reaction                                   | B8    |
| Combined H | Biology Paper 1 | 4.4.1.2    | Rate of photosynthesis                                    | B8    |
| Combined H | Biology Paper 1 | 4.4.1.3    | Uses of glucose from photosynthesis                       | B8    |
| Combined H | Biology Paper 1 | 4.4.2.1    | Aerobic and anaerobic respiration                         | B9    |
| Combined H | Biology Paper 1 | 4.4.2.2    | Response to exercise                                      | B9    |
| Combined H | Biology Paper 1 | 4.4.2.3    | Metabolism  | B3    |
| Combined H | Biology Paper 1 | 4.1.1.2    | RP1: Microscopes  | B1    |
| Combined H | Biology Paper 1 | 4.1.3.2    | RP2: Osmosis  | B1    |
| Combined H | Biology Paper 1 | 4.2.2.1    | RP3: Food tests   | B3    |
| Combined H | Biology Paper 1 | 4.2.2.1    | RP4: Enzymes  | B3    |
| Combined H | Biology Paper 1 | 4.4.1.2    | RP5: Photosynthesis                                       | B8    |
| Combined H | Biology Paper 1 | 4.7.2.1    | Levels of organisation                                    | B3    |