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|  | **Term 1**  **Key knowledge/skills** | **Term 2**  **Key knowledge/skills** | **Term 3**  **Key knowledge/skills** |
| **EYFS** |  |  |  |
| **Y1** |  |  |  |
| **Y2** |  |  |  |
| **Y3** |  |  |  |
| **Y4** |  |  |  |
| **Y5** |  |  |  |
| **Y6** |  |  |  |
| **Y7** |  |  |  |
| **Y8** |  |  |  |
| **Y9** | B1 – Cell structure and transport B2 – Cell division  B3 –Organisation and the digestive system | B4 – Organising animals and plants  B5 – Communicable diseases | B6 – Preventing and treating disease  B7 – Non communicable diseases |
| **Y10** | B7 – Non communicable diseases  B8 – Photosynthesis  B9 - Respiration  B10 – The human nervous system | B11 - Hormonal coordination  B12 - Homeostasis in action  B13 - Reproduction | B14 - Variation and evolution  B15 - Genetics and Evolution |
| **Y11** | B14 - Variation and evolution  B15 - Genetics and Evolution  B16- Adaptations, interdependence and competition  B17- Organising an ecosystem | Mock Exams  B18- Biodiversity and ecosystems  Feedback  Revision | Revision |
| **Y12** | Teacher 1  Eukaryotic & Prokaryotic Cells  Cells & Specialisation  Cell Transport  Cell cycle  Diffusion, osmosis, active transport  Immune System  Required practical 2, 4 & 3  Teacher 2  Monomers & Polymers  Carbohydrates, Lipids & Proteins  Enzymes  DNA & RNA  ATP  DNA Replication  Water  Genes and protein synthesis | Teacher 1  Antibodies  Vaccinations  Mutations  Cell division  Required practical 6  Adaptation, Species & Taxonomy  Biodiversity  Writing Biology Essays  Biology Essays Introduction  Teacher 2  Gas Exchange in Lungs & Gills  Gas Exchange in Insects &Plants  Structure of human gas exchange  Enzymes in gas exchange  Mass transport in animals  Mass transport in plants  Biology Essays Introduction | Teacher 1  Biology Essays Introduction  Required Practical Catch Up  Revision  Teacher 2  Transport in the phloem  Investigating transport in plants  Biology Essays Introduction  Required Practical Catch Up  Revision |
| **Y13** | Teacher 1  Photosynthesis & Respiration  Energy & Ecosystems  Nutrient Cycles  Survival & Response  Receptors  Control of Heart Rate  Nerve Impulses  Synaptic Transmission  Required practical 8 & 9  Teacher 2  Inheritance  Populations  Required practical 7 – Chromatography of plant pigment  Alteration of DNA & Stem Cells  Gene Expression | Teacher 1  Skeletal Muscles  Homeostasis  Osmoregulation  Required practical 10&11  Teacher 2  Stem cells  Recombinant DNA technology  In vitro & in vivo cloning  Required practical 12 | Teacher 1  Required Practical Catch Up  Biology Essays  Revision  Teacher 2  Required Practical Catch Up  Biology Essays  Revision |