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| **Year 10** | In year 10 you will learn: How plant structures and adaptations help them survive, photosynthesise and get all they need from the environment; How conditions in the body, processes and organs systems are coordinated and controlled. How organisms respond to stimuli, how they interact within a community and the factors that affect their habitat. This builds upon plant and environmental topics in KS3  |

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| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| **Topic B2 Photosynthesis** |
| Weekly Homework Tasks |  | Mid Topic Assessment |  |  |  | End of Topic B2 Test |
| Maths skill = surface area to volume ratioKey Concept = Diffusion |  | Required Practical = effect of light on photosynthesis |  |  |  |

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| 9 | 10 | 11 | 12 | 13 | 14 | 15 | **16** |
| **Topic B5 Coordination and Control** |
| Weekly Homework Tasks |  |  |  |  | Mid Topic Assessment |  |
| Maths skill= spread of data | Required Practical = Reaction times |  |  |  |  |

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| 17 | 18 | 19 | 20 | 21 | **22** | 23 | 24 |
| **B5 Continued** | **Topic B8 Ecology** |  | National Science Week |
|  |  |  |  | End of Topic B5 Test | Weekly Homework Tasks |
|  |  |  | Required Practical = Effect of light and gravity on seed growth | Maths skill = Graph relationshipsKey Concept = Learning about ecosystems |  |

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| 25 | 26 | 27 | **28** | 29 | 30 | 31 | 32 |
| **B8 Cont…** | **B4 Health Matters**Consolidation of topic covered during Covid 19 lockdown |
|  | Mid Topic Assessment |  |  |  | End of Topic B8 Test |  |  |
| Required practical = Population size | Required Practical = rate of decay |  |  |  |  |

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| **33** | 34 | 35 | 36 | 37 | 38 | 39 |  |
| B4 cont.. | Revision for Year 10 Mock exams | **Year 10 Mock Exams** | Consolidation of Yr10 Biology Content , Numeracy and Literacy skill Development |  |
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