**Curriculum Overview for Biology**

**Year 11**

|  |  |  |
| --- | --- | --- |
| **Half Term 1 and 2: Inheritance, Variation and Evolution**  **Substantive Knowledge:**  Describe evolution and explain how it occurs through natural selection  Describe the main steps in genetic engineering  Triple: Explain different methods of cloning, evaluate theories of evolution. Explain speciation.  **Disciplinary Knowledge:**  Make informed judgements about the economic, social and ethical issues concerning embryo screening  Extract information from evolutionary trees | Books | Skim and Scan of source information  Decoding terms  Etymology of key terms |
| Speech | Embryo, genotype, genetic engineering, enzyme, cloning, surrogate, fossil, extinction, resistance, classification, nucleotide, stem cell, variation, evolution, natural selection, selective breeding |
| Checklist RTL | Recall questions to start every lesson  Recall test  Review sheet  End of unit assessment |
| Home | Revision Card preparation for every lesson  Recall test  Review sheet  Repetition of use of revision cards for end of unit assessment |