**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 selectionDescribe the main steps in genetic engineeringTriple: 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 screeningExtract information from evolutionary trees | Books | Skim and Scan of source informationDecoding termsEtymology 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 lessonRecall testReview sheetEnd of unit assessment |
| Home | Revision Card preparation for every lessonRecall testReview sheetRepetition of use of revision cards for end of unit assessment |