Holy Family
Catholic High School

Year 11

Curriculum and Assessment Progression Map 2020-2021

Subject: Biology

Subject Leader D Wilde

Key Learning Constructs to be developed over the academic year. – Core Knowledge	**Scheme of Learning Autumn Term**	**Scheme of Learning Spring Term**	**Scheme of Learning Summer Term**
***living organisms may form populations of single species, communities of many species and ecosystems, interacting with each other, with the environment and with humans in many different ways *living organisms are interdependent and show adaptations to their environment *the chemicals in ecosystems are continually cycling through the natural world *the characteristics of a living organism are influenced by its genome and its interaction with the environment *evolution occurs by a process of natural selection and accounts both for biodiversity and how organisms are all related to varying degrees.**	**Part 1** Inheritance, Variation and Evolution – Reproduction The Structure of DNA Inheritance **Part 2** **Variation/Evolution** **Classification**	**Part 3 Ecology** **Part 4 Revision**	**Part 5 Revision**
Hinterland Knowledge	Real examples of the APPLICATION of the content studied (eg the work of Gregor Mendel and Watson and Crick)	Real examples of the APPLICATION of the content studied (eg the work of Lamarck and Darwin	
Assessment: -Formative Techniques	Use of whiteboards, hinge questions, recall questions.		
-Summative Pieces	End of Topic Tests	End of Topic Tests	End of Topic Tests and End of Year Assessment
Key Vocabulary	Key scientific terminology appropriate to each topic studied	Key scientific terminology appropriate to each topic studied	Key scientific terminology appropriate to each topic studied
Key Skills	Working Scientifically, relevant mathematical techniques (percentages, mean, mode, median	Working Scientifically, relevant mathematical techniques (percentages, mean, mode, median	Working Scientifically, relevant mathematical techniques (percentages, mean, mode, median

	etc) Graph plotting skills. Understanding variables and anomalies and their causes and effects	etc) Graph plotting skills. Understanding variables and anomalies and their causes and effects	etc) Graph plotting skills. Understanding variables and anomalies and their causes and effects
Opportunities Outside the taught Curriculum.	Careers, STEAM enrichment activities, educational visits	Careers, STEAM enrichment activities, educational visits	Careers, STEAM enrichment activities, educational visits