Holy Family
Catholic High School

Curriculum and Assessment Progression Map 2020-2021

Year 11

Subject: Chemistry

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
***The Earth's atmosphere is dynamic and forever changing. The causes of these changes are sometimes man-made and sometimes part of many natural cycles. Scientists use very complex software to predict weather and climate change as there are many variables that can influence this. The problems caused by increased levels of air pollutants require scientists and engineers to develop solutions that help to reduce the impact of human activity.**	**Part 1** Chemistry of The Atmosphere **Part 2** **Using Resources**	**Part 3** Revision **Part 4** **Revision**	**Part 5** **Revision** **Part 6**
Hinterland Knowledge	Real examples of the APPLICATION of the content studied (eg extension work on Climate Change)		
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 etc) Graph plotting skills. Understanding variables and anomalies and their causes and effects	Working Scientifically, relevant mathematical techniques (percentages, mean, mode, median etc) Graph plotting skills. Understanding variables and anomalies and their causes and effects	Working Scientifically, relevant mathematical techniques (percentages, mean, mode, median etc) Graph plotting skills. Understanding variables and anomalies and their causes and effects