St Patrick's Catholic Voluntary Academy

Computing Curriculum

COMPUTING OVERVIEW

	Advent 1	Advent 2	Lent 1	Lent 2	Pentecost 1	Pentecost 2
Year 1 COMPUTING	**Computing systems and networks** Technology Around Us *Online Safety - Keeping safe online*	**Creating media** Digital Painting *Online Safety*	**Programming A** Moving a robot *Online Safety - Owning creative work*	**Data and information** Grouping data *Online Safety*	**Creating media** Digital Writing *Online Safety - Staying smart online*	**Programming B** Programming animation *Online Safety*
Year 2 COMPUTING	**Computing systems and networks** IT around us *Online Safety - Digital footprints*	**Creating media** Digital photography *Online Safety - Keywords*	**Programming A** Robotic algorithms *Online Safety - Be the judge, which sites are safe*	**Data and information** Pictograms *Online Safety - Rate and review*	**Programming** Digital Music *Online Safety - Being kind online*	**Programming B** Introduction to quizzes *Online Safety - Staying smart online*
Year 3 COMPUTING	**Computing systems and networks** Connecting computers *Online Safety - Cyberbullying and how to address it*	**Stop frame animation** *Online Safety - Understand how websites use adverts to promote products*	**Sequencing sound** *Online Safety - Create strong passwords and understand privacy settings*	**Branching databases** *Online Safety - Safely send and receive emails*	**Desktop publishing** *Online Safety - Explore different ways to communicate online*	**Programming** Events and actions in programming. *Online Safety - Staying smart online*
Year 4 COMPUTING	**Computing systems and networks** The internet *Online Safety - Cyberbullying identifying and dealing with hurtful messages*	**Creating media** Audio production *Online Safety - How to use search engines safely*	**Programming A** Repetition of shape *Online Safety - How to avoid plagiarism*	**Data and information** Data logging *Online Safety - How to be a good digital citizen*	**Creating media** Photo editing *Online Safety - Staying smart online*	**Programming B** Repetition in games *Online Safety - Staying smart online recap*
Year 5 COMPUTING	**Computing systems and networks** Systems and searching *Online Safety - Spam emails*	**Creating media** Video production *Online Safety - Plagiarism*	**Programming A** Selection in physical computing *Online Safety - Secure passwords*	**Data and information** Flat file databases *Online Safety - Fake images*	**Creating media** Introduction to vector graphics *Online Safety - Staying smart online*	**Programming B** Selection in quizzes *Online Safety - Staying smart online recap*
Year 6 COMPUTING	**Computing systems and networks** Communication and Collaboration *Online Safety- Cyberbullying strategies to deal with*	**Creating media** Web-page design *Online Safety - Identifying secure websites by using privacy seals of approval*	**Programming A** Variable in games *Online Safety - Benefits and pitfalls of online relationships. Information never to share*	**Data and Information. Introduction to spreadsheets** *Online Safety - How media play powerful role in shaping ideas about boys and girls*	**Creating Media** 3D Modelling *Online Safety - Staying smart online*	**Programming B** Sensing *Online Safety - Staying smart online recap*