Cardinal Newman Catholic Primary School
Computing Curriculum Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Rec	**How do we use the IWB in lessons?** E-Safety: Rules to stay safe online	**How can we take photos?** E-Safety: Tell if something makes you sad, uncomfortable or embarrassed.	**How can the internet be used to play games?** E-Safety: Recognise how the internet can be used to communicate.	**What are remote control toys?** E-Safety: Identifying personal information	**How is IT used around the school and at home?** E-Safety: How the internet can be used to find information	**What happens when I press different buttons on a Beebot?** E-Safety: Online Bullying
Yr 1	**Computing systems and networks- Technology around us.** E-Safety: Recognise that people may make you feel sad, upset or embarrassed	**Creating Media- Digital painting.** E-Safety: Being kind a considerate online.	**Programming A- Moving a robot.** E-Safety: What information should not go online?	**Data and Information- Grouping Data** E-Safety: Rules to stay safe online	**Creating Media- Digital writing** E-Safety: Work created by others does not belong to me.	**Programming B- Programming animations** E-Safety: Online Bullying
Yr 2	**Computing systems and networks- IT around us.** E-Safety: Explaining how people act online	**Creating Media- Digital photography** E-Safety: Asking permission before sharing information.	**Programming A- Robot alogorithms** E-Safety: Online Bullying	**Data and Information- Pictograms** E-Safety: Can all information be trusted on the internet?	**Creating Media- Digital Music** E-Safety: Simple guidance for using technology in different environments.	**Programming B- Programming quizzes** E-Safety: Explain how to keep information protected.
Yr 3	**Computing systems and networks- Connecting computers** E-Safety: Why might people change their appearance online?	**Creating Media- Stop frame animation** E-Safety: Explaining why you may change your mind about who you trust online.	**Data and Information- Branching databases** E-Safety: The difference between an opinion, belief and fact.	**Creating Media- Desktop publishing** E-Safety: Can we spend too much time on technology?	**Programming A- Sequencing sounds** E-Safety: Online Bullying	**Programming B- Events and actions in programs** E-Safety: How can connected devices share information?
Yr 4	**Computing systems and networks- The Internet** E-Safety: Exploring how others online can pretend to be someone else. MS OFFICE SKILLS TOUCH TYPING	**Creating Media- Audio Production** E-Safety: When might we need to limit the time using technology and how can we do this?	**Programming A-Repetition in shapes** E-Safety: Online Bullying	**Data and Information-Data logging** E-Safety: Healthy and unhealthy online behaviour	**Programming B- Repetition in games** E-Safety: What is a digital age of consent?	**Creating Media- Photo editing** E-Safety: Exploring how others online can pretend to be someone else y: What is fake news?
Yr 5	**Computing systems and networks- Systems and searching** E-Safety: How can identity be copied, modified or altered online?	**Creating Media- Video Production** E-Safety: What is meant by a haux?	**Data and Information- Flat-file databases** E-Safety: When is it acceptable to use the work of others?	**Creating Media- Introduction to vector graphics** E-Safety: How can I support others online?	**Programming A- Selection in physical computing** E-Safety: What are app permissions?	**Programming B- Selection in quizzes** E-Safety: How can information be used to make judgements of others?
Yr 6	**Creating Media- Web page creation** E-Safety: Sharing images online.	**Creating Media- 3D Modelling** E-Safety: Identify, flag and report inappropriate content.	**Computing systems and networks- Communication and collaboration** E-Safety: Identify and critically evaluate online content.	**Data and Information- Introduction to Spreadsheets** E-Safety: How to report online bullying.	**Programming A-Variables in games** E-Safety: How can I protect my digital personality?	**Programming B- Sensing Movement** E-Safety: Privacy on app settings.