Bradwell Village School

Computing Annual Overview

Autumn			
Year Three	**Year Four**	**Year Five**	**Year Six**
iSafe: Measures of keeping safe online and sharing content. **iProgram1:** Developing computational thinking and programming animations with Scratch.	**iSafe**: Distinguishing which information is safe to share and how to deal with cyber bullying. i**Data**: Exploring data representation with databases.	**iSafe**: Understanding risks and benefits of communicating online and SMART rules. **iProgram** (Unit 1):Designing and developing programs	**iSafe**: Online password protecting, privacy settings to keep safe online and expressing feelings and opinions in positive ways. **iProgram** : Designing and developing programs with Scratch.

Spring			
Year Three	**Year Four**	**Year Five**	**Year Six**
iSimulate: Exploring computer simulations, investigating options and testing predictions. **iData**: Exploring databases to find information out and add records.	**iProgram 1**: Developing computational thinking and creating programs with Scratch. **iMail**: Sending and receiving email safely and responsibly.	**iCrypto**: Exploring data encryption. **iWeb**: Exploring web design and construction.	**iData**: Introducing spreadsheets. **iNetwork**: Networks, data and HTML/CSS

Summer			
Year Three	**Year Four**	**Year Five**	**Year Six**
iNetwork: Exploring networks and learning how digital devices are connected **iConnect**: Learning about the Internet and World Wide Web.	**iProgram** (Units 3 & 4): programming skills to investigate angles and navigate mazes. Solving puzzles with LightBot. **iAnimate**: Combining narrative and artwork to create computer animations.	**iDraw:** Exploring how images are made from shapes and lines. **iProgram** (Unit 2): Developing computational thinking and programming with Kodu.	**iProgram** (Unit 2): Developing 3D animations. **iApp** (Unit 2): Designing and developing apps with App Inventor.