Beech Progression in Computing

Term 1	Term 2	Term 3
e-Safety 3 I can use the safety features of websites as well as reporting concerns to an adult. 3 I can post positive comments online. 4 I use the safety features of websites as well as reporting concerns to an adult. 4 I know that anything I share online can be seen by others. 4 I comment positively and respectfully online and through text messages.	**e-Safety** 3 I can talk about what makes a secure password and why they are important. 3 I can protect my personal information when I do different things online. 4 I choose a secure password and appropriate screen name when I am using a website. 4 I can talk about the ways I can protect myself and my friends from harm online.	**e-Safety** 3 I can recognise websites and games appropriate for my age. 3 I can make good choices about how long I spend online. 3 I ask an adult before downloading files and games from the Internet. 4 I choose websites, apps and games that are appropriate for my age. 4 I can help my friends make good choices about the time they spend online. 4 I can talk about why I need to ask a trusted adult before downloading files and games from the Internet.
Programming 3 I can put programming commands into a sequence to achieve a specific outcome. 3 I can use repeat commands. 3 I keep testing my program and can recognise when I need to debug it. 4 I can use an efficient procedure to simplify a program. 4 I know that I need to keep testing my program while I am putting it together. 4 I can recognise an error in a program and debug it.	**Programming** 3 I can describe the algorithm I will need for a simple task. 4 I recognise that an algorithm will help me to sequence more complex programs. 4 I recognise that using algorithms will also help solve problems in other learning such as Maths, Science and Design and Technology.	**Programming** 3 I can break an open-ended problem up into smaller parts. 3 I can detect a problem in an algorithm which could result in unsuccessful programming. 4 I can use logical thinking to solve an open-ended problem by breaking it up into smaller parts. 4 I can use a sensor to detect a change which can select an action within my program. 4 I can use a variety of tools to create a program.
Technology in our lives 3 I can save and retrieve work on the Internet, the school network or my own device. 3 I can use search tools to find and use an appropriate website. 3 I can talk about the parts of a computer. 4 I can tell you whether a resource I am using is on the Internet, the school network or my own device. 4 I can identify key words to use when searching safely on the World Wide Web. 4 I think about the reliability of information I read on the World Wide Web.	**Handling Data** 3 I can talk about the different ways data can be organised. 3 I can search a ready-made database to answer questions. 3 I can collect data help me answer a question. 3 I can add to a database. 4 I can organise data in different ways. 4 I can collect data and identify where it could be inaccurate. 4 I can plan, create and search a database to answer questions.	**Technology in our lives** 3 I can tell you ways to communicate with others online. 3 I can describe the World Wide Web as the part of the Internet that contains websites. 3 I think about whether I can use images that I find online in my own work. 4 I can tell you how to check who owns photos, text and clipart. 4 I can create a hyperlink to a resource on the World Wide Web. 4 I can recognise that websites use different methods to advertise products.
Multimedia 3 I can create different effects with different technology tools. 3 I can combine a mixture of text, graphics and sound to share my ideas and learning. 3 I can use appropriate keyboard commands to amend text on my device, including making use of a spellchecker. 4 I can use photos, video and sound to create an atmosphere when presenting to different audiences. 4 I can change the appearance of text to increase its effectiveness. 4 I can create, modify and present documents for a particular purpose. 4 I can use a keyboard confidently and make use of a spellchecker to write and review my work.	**Multimedia** 3 I can evaluate my work and improve its effectiveness. 3 I can use an appropriate tool to share my work online. 4 I can use an appropriate tool to share my work and collaborate online. 4 I am confident to explore new media to extend what I can achieve. 4 I can give constructive feedback to my friends to help them improve their work and refine my own work.	**Handling Data** 3 I can make a branching database. 3 I can use a data logger to monitor changes and can talk about the information collected. 4 I can choose the best way to present data to my friends. 4 I can use a data logger to record and share my readings with my friends.

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