



# Barrow Hall Primary School

## Computing Curriculum



### Skills Progression – Year 4

|        | e-Safety   | Programming   | Handling Data  | Multimedia   | Technology in our Lives  |
|--------|--|---|--|--|--|
| Year 4 | <ul style="list-style-type: none"><li>• I choose a secure password when I am using a website.</li><li>• talk about the ways protect myself and my friends from harm online.</li><li>• I use the safety features of websites as well as reporting concerns to an adult.</li><li>• I know that anything I post online can be seen by others.</li><li>• I choose websites and games that are appropriate for my age.</li><li>• help my friends make good choices about the time they spend online.</li><li>• talk about why I need to ask a trusted adult before downloading files and games from the Internet.</li><li>• I comment positively and respectfully online.</li></ul> | <ul style="list-style-type: none"><li>• use logical thinking to solve an open-ended problem by breaking it up into smaller parts.</li><li>• use an efficient procedure to simplify a program.</li><li>• use a sensor to detect a change which can select an action within my program.</li><li>• I know that I need to keep testing my program while I am putting it together.</li><li>• use a variety of tools to create a program.</li><li>• recognise an error in a program and debug it.</li><li>• I recognise that an algorithm will help me to sequence more complex programs.</li><li>• I recognise that using algorithms will also help solve problems in other learning such as Maths, Science and Design and Technology.</li></ul> | <ul style="list-style-type: none"><li>• organise data in different ways.</li><li>• collect data and identify where it could be inaccurate.</li><li>• plan, create and search a database to answer questions.</li><li>• choose the best way to present data to my friends.</li><li>• use a data logger to record and share my readings with my friends.</li></ul> | <ul style="list-style-type: none"><li>• use photos, video and sound to create an atmosphere when presenting to different audiences.</li><li>• I am confident to explore new media to extend what I achieve.</li><li>• change the appearance of text to increase its effectiveness.</li><li>• create, modify and present documents for a particular purpose.</li><li>• use a keyboard confidently and make use of a spellchecker to write and review my work.</li><li>• use an appropriate tool to share my work and collaborate online.</li><li>• give constructive feedback to my friends to help them improve their work and refine my own work.</li></ul> | <ul style="list-style-type: none"><li>• tell you whether a resource I am using is on the Internet, the school network or my own device.</li><li>• identify key words to use when searching safely on the World Wide Web.</li><li>• I think about the reliability of information I read on the World Wide Web.</li><li>• tell you how to check who owns photos, text and clipart.</li><li>• create a hyperlink to a resource on the World Wide Web.</li></ul> |

