

# Computing – Lower Key Stage 2



Programming	Data	Understanding
<ul style="list-style-type: none"><li>• I can explain what Object, Action, Output, Control and Event are in computer programming.</li><li>• I can explain how my program simulates a physical system</li><li>• I am beginning to understand how the use of the timer differs from the repeat command and can experiment with the different methods of repeating blocks of code.</li><li>• I can create an 'if' statement in my program</li><li>• I can create an else statement in my program</li><li>• I can explain what steps to follow to debug a program.</li><li>• I can explain what I did so that my computer program did not work.</li><li>• I can explain what a variable is in programming</li><li>• I can create the desired look for my program</li><li>• I can create an algorithm modelling the sequence of a simple event</li></ul>	<ul style="list-style-type: none"><li>• I can create a table of data on a spreadsheet</li><li>• I can use a spreadsheet program to automatically create charts and graphs from data.</li><li>• I can add formula to a cell to make a calculation</li><li>• I can use the 'more than', 'less than' and 'equals' tools to compare different numbers and help to work out solutions to sums.</li><li>• I can create a branching database</li><li>• I can enter data and create a graph</li><li>• I can present results in a range of graphical formats</li></ul>	<ul style="list-style-type: none"><li>• I know what simulations are and they represent real and imaginary situations.</li><li>• I can recognize patterns within simulations and make and test predictions</li><li>• I know how and can use programs to communicate different types of information</li></ul>
Using Effectively	Keeping Safe	
<ul style="list-style-type: none"><li>• I can type effectively using two hands.</li><li>• I can type a series of words with speed and accuracy</li><li>• I can format text to fit the purpose</li><li>• I can send emails to others</li><li>• I can open emails from others</li><li>• I can attach work to an email</li><li>• I can create animations using different programs</li><li>• I can use a search to locate specific information</li></ul>	<ul style="list-style-type: none"><li>• I understand what makes a good password for use on the Internet.</li><li>• I am beginning to realise the outcomes of not keeping passwords safe.</li><li>• I understand that some information held on websites may not be accurate or true.</li><li>• I know the rules about how to stay safe using email</li><li>• I can explain to others how to stay safe online</li><li>• I can complete a safe search on an internet search engine</li></ul>	