



Computing

Year 4 - I can assessment statements

<u>Knowledge</u>	<u>Skills</u>
<ul style="list-style-type: none"> • can understand and apply the fundamental principles and concepts of computer science, including abstraction, logic, algorithms and data representation. • can analyse problems in computational terms, and have repeated practical experience of writing computer programs in order to solve such problems • can evaluate and apply information technology, including new or unfamiliar technologies, analytically to solve problems <p>I can select, edit and manipulate text in different ways.</p> <p>I can insert images onto a document.</p> <p>I can find and use the different uses of the spellcheck tool.</p> <p>I can insert and format a table in a word processing document.</p> <p>I can change the page layout for a purpose.</p> <p>I can create hyperlinks within a word document.</p>	<p>Computer Science</p> <ul style="list-style-type: none"> • Design programs that accomplish specific goals • Design and create program • Debug programs that accomplish specific goals • Use repetition in programs • Control or simulate physical systems • Use logical reasoning to detect and correct errors in programs
<ul style="list-style-type: none"> • Select a variety of software to accomplish given goals • Select, use and combine internet services • Analyse information • Evaluate information • Collect data • Present data <p>I can plan and choose appropriate software for a character project.</p> <p>I can choose appropriate software to tell a story using the character I created.</p> <p>I can combine different software to add more information about my character and to present this.</p> <p>I can explain what is meant by animation and create a short computer animation.</p> <p>I can analyse and evaluate software and choose the appropriate software for a purpose.</p>	<p>I can write and use commands in the correct order.</p> <p>I can write a procedure.</p> <p>I can correct any mistakes.</p> <p>I can write text using the label command and draw an arc.</p> <p>I can move the turtle using setpos commands.</p>

• Understand the opportunities computer networks offer for communication

• Identify a range of ways to report concerns about content

• Recognize acceptable / unacceptable behaviour

I can explain and understand why other people can be hurt by online messages or comments.

I can use a search engine accurately and safely.

I can create a safe online profile and understand why it is dangerous to share certain information.

I can explain how to be a good citizen online and in real life.

I can apply what I have learned about online safety to create some 'top tips' to follow at all times.