

Year 4 – Long Term Planning Ideas		
Online Safety and Digital Literacy also see Education for a Connected World	Information Technology	Computer Science
<ul style="list-style-type: none"> Know that pictures and text share on-line can end up with strangers <p>Google – Be an Internet Legends Series of lessons about many aspects of being safe online. https://beinternetlegends.withgoogle.com/en_uk/toolkit</p> <p>Cyber-Detectives – Teacher led lesson where children solve a mystery. https://esafety.gov.au/education-resources/classroom-resources/cybersmart-detectives</p> <ul style="list-style-type: none"> Reliably know what to do if they are exposed to unpleasant materials on any device <i>Covered by Internet Legends – above</i> <p>Rings of Responsibility Common Sense Media https://www.commonsense.org/education/digital-citizenship/lesson/rings-of-responsibility</p> <p>Keeping Games fun and friendly Common Sense Media https://www.commonsense.org/education/digital-citizenship/lesson/keeping-games-fun-and-friendly</p> <ul style="list-style-type: none"> Know that having a balance of online and offline activities is important. <p>My Media Choices – Common Sense Media https://www.commonsense.org/education/digital-citizenship/lesson/my-media-choices</p> <ul style="list-style-type: none"> Reliably uses a more complex password to access resources. <p><i>Resources within internet legends.</i></p> <ul style="list-style-type: none"> Know what the key words are to enter into a Search engine to find information they want. <p>Consider using first few lessons from Google https://www.google.com/insidesearch/searcheducation/lessons.html</p> <ul style="list-style-type: none"> Can select useful websites from the results of a search. 	<ul style="list-style-type: none"> Be able to save a document in a shared folder and retrieve this to continue working on it. Computer. On an iPad work could be shared by Airdrop or equivalent. <p>For instance open a presentation template or document started by the teacher – for instance in the Incas and add additional content and material. Publisher, Powerpoint, Word, Documents, Pages, Keynote (Apple devices using air drop) <ul style="list-style-type: none"> Be able to organise their personal folder effectively for instance by organising work into folders for each year at school <p>By teacher demonstration and organising work into folders on the school network. Difficult to implement on tablets unless using a cloud system.</p> <ul style="list-style-type: none"> Know how to change font size and style; include shapes and backgrounds and to use the Spellcheck function <p>To produce a piece of work related to other learning for instance in English or the Humanities.</p> <ul style="list-style-type: none"> To be able to use sequence to create an effective presentation or video Keynote, Powerpoint or iMovie. <p>Pupils to sequence key ideas before delivering presentation Keynote, Powerpoint Slides</p> <ul style="list-style-type: none"> Be able to deliver a simple presentation to their peers <i>As above</i> </p>	<ul style="list-style-type: none"> Be able to use a program to sequence, use conditionals and use a variety of inputs and outputs (Logo/Scratch). <p>Rapid Router levels 1-12</p> <p>Scratch Smoking Car http://code-it.co.uk/scratch/smoking_car/smokingcaroverview <i>extension Music Maker</i></p> <p>Kodu Build a simple world and program Kodu so that it can be controlled with keys</p> <p>Hour of Code https://studio.code.org/flappy/1</p> <ul style="list-style-type: none"> Be able to explain how their program works <i>This could be done by annotating screen shots of any of the activities</i> Be able to modify their program and be able to predict the effects of any changes. <i>Gold shape has example code that children can modify and change.</i> Know how to break sets of instructions into short steps to achieve goal. For instance drawing repeated squares to make a pattern, <p>Scratch – Shapes Continuing basic work started in Y3 but to include work on procedures and nested loops. http://code-it.co.uk/goldshape/</p> <p>Logo – Using nested loops to create repeating patterns</p> <p>Pro Bot – Using loops and nested loops to create geometric patterns</p>

Note – this should be customised for each school as exact activities will depend on the prior experiences of the children and the available equipment.