



Computing Planning Overview

Summer Term

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Data	Communication and collaboration	Digital media	E-safety	Digital media	Programming
<ul style="list-style-type: none"> E-Safety introduction <p>Cyber bullying, sharing personal information, parents permission.</p> <ul style="list-style-type: none"> Using data <p>What is data - sort objects into groups using given or chosen criteria</p> <ul style="list-style-type: none"> Using the internet <p>E-safety - searching on the internet. Use SWGfL swiggle using a keyboard and an iPad search for terms linked to theme or literacy.</p> <ul style="list-style-type: none"> Design <p>Brushes app create images with text and images</p>	<ul style="list-style-type: none"> E- Safety <p>Cyber bullying, personal information (online games e.g. roblox/Minecraft)</p> <ul style="list-style-type: none"> Comms and collaboration <p>Class email and respond to messages link to theme (fire of london) compose and respond/write to another school</p> <ul style="list-style-type: none"> Digital imagery <p>A short TV advert to promote a visit to the local area / an area of the UK being studied.</p> <ul style="list-style-type: none"> Animation <p>Brushes app create simple animations use collaborative work based on theme</p>	<ul style="list-style-type: none"> E- Safety <p><u>The key to Keywords:</u> Which key words will give you the best results</p> <ul style="list-style-type: none"> Algorithms <p>Create more complex algorithms in scratch, light bot on iPad</p> <ul style="list-style-type: none"> Digital publishing <p>Creating/publishing word processing, Sway , PPT, create posters/ leaflets etc</p>	<ul style="list-style-type: none"> E - Safety <p><u>Super Digital Citizen:</u> How can people help others be good digital citizens?</p> <ul style="list-style-type: none"> Programming <p>Children to programming and control – more complex instructions (on scratch etc) further web development (HTML/CSS)</p> <ul style="list-style-type: none"> Digital media <p>Develop design and record a podcast around the current topic.</p>	<ul style="list-style-type: none"> E - Safety <p>Fake news - what is it and how to spot it? - Create a presentation/poster in groups</p> <ul style="list-style-type: none"> Data <p>Using data from Autumn 1 begin to use formulae - link to climate and weather publish charts and graphs</p> <ul style="list-style-type: none"> Communicating and collaborating online <p>Email - add ideas/share stories - intro cc and bcc fields - understand all changes are visible - intro MS Teams</p>	<ul style="list-style-type: none"> E - Safety <p>Fake news - Deep fakes, bias, fact checking - Design infographic/presentation</p> <p>Social media - keeping safe, privacy settings,</p> <ul style="list-style-type: none"> Programming Python <p>Links to cross curricular creating and publishing a webpage/blog (what we are achieving in Year 6) develop HTML/CSS skills</p> <ul style="list-style-type: none"> Kodu <p>Create a virtual 3D world - program an object to move around the world.</p>