

Year 2 Computing Planning

| Creative Technology (Multimedia) | Programming | Digital Research | E-Safety | Data and Networks |
|---|--|---|---|--|
| <p>Unit 1: Sound recording Use sound recorders, at and away from, a computer to capture and playback sound.</p> <p>Use software to record music and sounds.</p> <p>Change sounds they have recorded.</p> <p>Save, retrieve and edit sounds.</p> <p><i>(Garage Band, Photostory, Easispeak Microphones)</i></p> <p>Unit 2: Video Capture video.</p> <p>Discuss which videos to keep and why.</p> <p>Arrange clips to make a short film that conveys meaning,</p> <p>Add simple titles and credits.</p> <p>Select text and make simple changes including bold, italic and underlined.</p> <p><i>(iMovie App, 2Create a Story, MovieMaker, Flip Cameras)</i></p> | <p>Unit 1: Beebots (Floor and On Screen) Generate a sequence of instructions including 'right angle' turns.</p> <p>Create a sequence of instructions to generate simple geometric shapes. (oblong/square).</p> <p>Discuss how to improve/change their sequence of command.</p> <p><i>(BeeBot App, Floor Beebot, Focus on Beebot)</i></p> <p>Unit 2: Daisy Dino Use the 'repeat' command within a series of instructions.</p> <p>Plan a short 'story' for a sprite and write the commands for this.</p> <p>Edit/refine a sequence of commands.</p> <p><i>(Daisy Dino App)</i></p> | <p>Unit 1: Email Recognise an email address.</p> <p>Find the @ key on a keyboard</p> <p>Contribute to a class email.</p> <p>Open and select to reply to an email as a class.</p> <p>Unit 2: Navigating Webpages Begin to use tools to navigate web pages (scroll, back button, hyperlink, search engine, favourites)</p> <p>Find answers to simple questions through navigating independently through a webpage.</p> <p><i>(Infant Encyclopaedia, San Diego Zoo, Swiggle, Yahoo!ians)</i></p> | <p>Unit 1: Keep Information Safe and Secure</p> <p>Identify personal information that should be kept private.</p> <p>Recognise that a variety of devices connect users with other people.</p> <p>Unit 2: Is it reliable? Identify obviously false information in a variety of contexts.</p> <p>Know a range of reliable children's websites from which to access information.</p> <p>Unit 3: Passwords Access content/learning spaces using a simple password - log on to the school network independently.</p> <p>Know how to create a strong password.</p> <p>Understand why it is important to have a password.</p> | <p>Unit 1: Branching Databases Place objects and pictures in a list/table.</p> <p>Make a simple Y/N tree diagram to sort information.</p> <p>Create and search a branching database.</p> <p><i>(Textease Tree, IWB, ReTreeval)</i></p> <p>Unit 2: Technology Know common uses of IT beyond school. (eg Facetime, skype, Smart TVs, CCTV etc)</p> <p>Select and use technology for particular purposes.</p> |

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