



Usworth Colliery Primary School

ICT Medium Term Plan - Year 2 - Summer



National Curriculum 2014 Attainment Target	Lesson Outcomes	Topic Overview	Useful Resources and Links	Links to Year Group Medium Term Planning	Completion Notes
<p>Use technology safely and respectfully, keeping personal information private; know where to go for help and support when they have concerns about material on the internet.</p> <p>Use technology purposefully to create, organise, store, manipulate and retrieve digital content.</p> <p><u>Pupil Asset Objectives</u></p> <p>Uses technology respectfully</p> <p>Identifies where to go for help and support when they have concerns about content or contact on the internet or other online technologies.</p> <p>Recognises some common uses of information technology</p>	<p>I can follow the school rules when being online and using technology.</p> <p>I know that personal information should not be shared online.</p> <p>I know how to report something bad that I find online.</p> <p>I know who to tell if I find something bad online.</p> <p>I can record sounds and play them back.</p>	<p><u>What information should we share?</u></p> <p>E-Safety pop quiz to assess understanding of previous discussions.</p> <p><i>Key Question: What should you do if you find something nasty online?</i> Discussion and mind map (consolidation from anti-bullying week).</p> <p><i>Key Questions: What is information? (Linked to database topic). What information would you put online?</i></p> <p>Work in mixed ability pairs to mind map the kind of information we could share online.</p> <p><i>Key Question: What was Sid's advice?</i></p> <p>Use the handout provided to script a piece of advice about what details to share.</p> <p>Use Audacity to record their tip into the computer and edit to remove mistakes.</p> <p><i>Higher ability to lower the pitch of the recording to mirror Sid's voice.</i></p> <p>Export recordings as WAVs.</p> <p>Combine WAV and transparent PNG of Sid in PowerPoint using Import (Audio) and Copy and Paste using Right-Click.</p> <p>Alter background and add Word Art. <i>Higher ability to add effects to emphasise their text.</i></p> <p><i>Export as a WMV – Teacher to combine in to an overall vidcast.</i></p>	<p>Lee and Kim's Adventure - https://vimeo.com/29383001</p> <p>Lesson PowerPoint</p> <p>Sid.PNG</p> <p>Audacity</p> <p>Microsoft PowerPoint</p> <p>Sid's Advice Handout/Script</p>	<p>N/A</p>	



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<p>beyond school such as simulations.</p>		<p><i>Key Question: What are the school rules for using the internet? Discuss.</i></p>			
<p>Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts (KS2 objective).</p> <p>Use technology purposefully to create, organise, store, manipulate and retrieve digital content.</p> <p>Recognise common uses of information technology beyond school.</p> <p><u>Pupil Asset Objectives</u></p> <p>Uses technology respectfully</p> <p>Recognises some common uses of information technology beyond school such as simulations.</p>	<p>I can use shortcuts to open pre-chosen websites and find information to answer simple questions.</p> <p>I can use an index to locate information.</p> <p>I can use hyperlinks to locate information on a website.</p> <p>I can copy and paste using right click or HOME.</p> <p>I understand the importance of using simulations.</p>	<p>Who lives in a palace like this?</p> <p>Revisit simulations – <i>Key Questions: What is a simulation? Why do we use simulations? Talk partners.</i></p> <p>Introduce the idea of a virtual tour using teacher PowerPoint.</p> <p><i>Key Questions: Where does the queen live? Mind map on the whiteboard.</i></p> <p>Navigate to virtual tours of the main royal palaces in the UK using internet favourites.</p> <p>Use differentiated handouts to navigate to and explore the following residences recording who lives there and when they are used:</p> <ul style="list-style-type: none"> • Buckingham Palace • Palace of Holyroodhouse • Balmoral Castle • Sandringham House • St James's Palace • Kensington Palace • Winsor Castle <p>Feedback answers as a class and peer correct.</p>	<p>Lesson PowerPoint</p> <p>Virtual Tours of the Royal Palaces -</p> <p>http://www.royal.gov.uk/TheRoyalResidences/BuckinghamPalace/VirtualRooms/Overview.aspx</p> <p>http://www.royal.gov.uk/TheRoyalResidences/BuckinghamPalace/VirtualRooms/Overview.aspx</p> <p>http://www.royal.gov.uk/virtualtours/BuckinghamPalaceVirtualTour/grand_staircase.HTML</p> <p>Exploring Royal Palaces Handouts.</p>	<p>What does the queen do?</p>	



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<p>To use technology purposefully to create, organise, store, manipulate and retrieve digital content.</p> <p><u>Pupil Asset Objectives</u></p> <p>Uses a combination of technology purposefully to create digital content. (IT2.2a)</p> <p>Uses technology purposefully to manipulate digital content. (IT2.2b)</p> <p>Uses technology purposefully to organise and sort digital content. (IT2.2c)</p> <p>Uses technology (and internet services) to retrieve digital content. (IT2.2d)</p> <p>Uses technology respectfully. (IT2.3a)</p>	<p>I can save pieces of work to a folder that I have chosen using save as and save.</p> <p>I can load this work by either going to the correct folder and double clicking or using file and open.</p> <p>I can experiment with sound, text, WordArt and pictures within a program (including slideshows).</p> <p>I can use the shape tools, flood fill, straight line tools and spray effect to build up pictures and effects.</p> <p>I can insert still and moving images into different programs with support.</p> <p>I can use a search engine to find information using key words in order to answer simple questions.</p> <p>I can use shortcuts to open pre-chosen websites and find information to answer simple questions.</p>	<p><u>How does the line of succession work?</u></p> <p>Use google images to locate and save an appropriate image of the queen.</p> <p>Add effects and adjustments to manipulate that image and change it into something new (mirroring Andy Warhol's art – the same task to be completed in Art using brushes and paint).</p> <p>Insert the new image into a pre-prepared PowerPoint.</p> <p><i>Differentiated. Lower ability pupils to focus on the direct line and higher ability pupils to include siblings.</i></p> <p>Discuss the line of succession using the lesson PowerPoint.</p> <p>Resize, crop, rotate and reposition images to visually represent the line of succession.</p> <p>Save as both a .ppt and .jpg.</p> <p><i>Key Question: What is the difference between a PowerPoint and an image? Why have we chosen a JPEG?</i></p>	<p>Lesson PowerPoint</p> <p>Google Images</p> <p>Paint.net</p> <p>How to Andy Warhol your image instructional video.</p> <p>How to Andy Warhol your image instructional guide.</p> <p>The Line of Succession.ppt</p>	<p>The Line of Succession (History Objective)</p> <p>Studying the work of influential artists (Art).</p>	
<p>Use technology purposefully to create, organise, store, manipulate and retrieve digital content.</p> <p><u>Pupil Asset Objectives</u></p>	<p>I can copy and paste pictures and text using right click or HOME.</p> <p>I can save pieces of work to a folder that I have chosen using save as.</p> <p>I can load this work by either going to the correct folder and double clicking or using file and open.</p> <p>I can type a piece of work (word</p>	<p><u>Create your own Dinosaur</u></p> <p>Use online services to create a new dinosaur by using a combination of parts from existing dinosaurs.</p> <p>Printscreen and crop in Paint. Save as a JPEG.</p> <p>Mind map what to include in a descriptive text of the new dinosaur.</p>	<p>Lesson PowerPoint</p> <p>Making your own dinosaur games:</p> <p>http://www.sheppardsoftware.com/scienceforkids/dinosa</p>	<p>D&T designs (making a trolley to take their pet dinosaur for a walk).</p>	



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<p>Uses technology (and internet services) to retrieve digital content.</p> <p>Uses technology purposefully to manipulate digital content.</p> <p>Uses a combination of technology purposefully to create digital content.</p>	<p>process) using the return/enter key to leave gaps (line breaks) between sections.</p> <p>I can use the caps lock key to add capital letters.</p> <p>I can change the colour, size and font.</p> <p>I can highlight text to change its format (B, U, I).</p> <p>I can insert still and moving images into different programs with support.</p> <p>I can use shortcuts to open pre-chosen websites and find information to answer simple questions.</p>	<p>Adjectives to describe - weapons What does you dinosaur eat? Where does it live? Does it play?</p> <p>Type up a description of the new dinosaur and improve it using spell check and proof reading.</p> <p>Create trading card using internet services adding the following:</p> <p>Image from shared area Name of Dinosaur (title) Name (subtitle) Description</p> <p>Higher ability pupils to add symbols and alter border.</p> <p>Save using right click.</p>	<p>urs/games/build_a_dino/build_a_dino.htm</p> <p>P:\Shortcuts\Internet Shortcuts Pupils\YEAR 2\build a dinosaur.swf</p> <p>Microsoft Word</p> <p>Trading Card Maker:</p> <p>https://bighugelabs.com/deck.php</p>	<p>Literacy – Describing your dinosaur.</p>	
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