

Chenies School Computing Curriculum Long Term Plan

	Autumn	Spring	Summer
Years 1 & 2 A	<p>Super Me</p> <p>Esafty</p> <ul style="list-style-type: none"> <li>• Searching for images</li> <li>• SMART</li> <li>• Personal information</li> <li>• Emails</li> </ul> <p>Word Processing</p> <ul style="list-style-type: none"> <li>• Using a keyboard</li> <li>• Saving</li> <li>• Editing</li> <li>• Simple keyboard shortcuts</li> <li>• Simple word formatting</li> </ul>	<p>Homes</p> <p>Digital painting / Art</p> <ul style="list-style-type: none"> <li>• Select and use different brushes / colours</li> <li>• Create shapes</li> <li>• Use fill function</li> <li>• Edit – use undo / redo</li> <li>• Make purposeful artwork</li> </ul> <p>Algorithms (Scratch Junior)</p> <ul style="list-style-type: none"> <li>• Understanding the need for exact instructions</li> <li>• Grow and shrink characters</li> <li>• Repeat functions</li> <li>• Add sound</li> <li>• Sequence functions</li> </ul> <p>Test and debug</p>	<p>Land Ahoy</p> <p>Apply skills learned</p> <ul style="list-style-type: none"> <li>• Use word processing and paint tools</li> <li>• Create a picture book</li> <li>• Create an animated story</li> <li>• Children narrate story</li> </ul>
Years 1 & 2 B	<p>Food and Harvest</p> <p>Esafty</p> <ul style="list-style-type: none"> <li>• Digital footprints</li> <li>• Key word searching</li> <li>• Recognising appropriate websites</li> <li>• Rating and reviewing</li> <li>• Online behaviour</li> </ul> <p>Presentation skills</p> <ul style="list-style-type: none"> <li>• Create folders</li> <li>• Organise resources in folders</li> <li>• Create slide and writing (Powerpoint)</li> <li>• Reorder slides</li> <li>• Add images</li> <li>• Printing</li> </ul>	<p>Toys</p> <p>Computing Art</p> <ul style="list-style-type: none"> <li>• Use shapes / lines and change properties</li> <li>• Colour choosing and shades of colours</li> <li>• Edit images / pictures</li> <li>• Create art in a different style</li> </ul> <p>Coding (Turtle logo)</p> <ul style="list-style-type: none"> <li>• Write code to move</li> <li>• Write code to turn</li> <li>• Write code to combine and make shapes</li> <li>• Test codes</li> </ul> <p>Debug codes</p>	<p>Down at the bottom of my garden</p> <p>Algorithms (Scratch Jr / Scratch)</p> <ul style="list-style-type: none"> <li>• Use of exact instructions</li> <li>• Making character move and make noise</li> <li>• Create repeating algorithms</li> <li>• Create sprites to code</li> </ul> <p>Internet skills and searching</p> <ul style="list-style-type: none"> <li>• Accurate searching</li> <li>• Connect parts of the internet with weblinks</li> <li>• Create website / blog with: <ul style="list-style-type: none"> <li>- Images</li> <li>- Written content</li> </ul> </li> </ul> <p>Comments posted to each other</p>

	Autumn	Spring	Summer
Year 3 & 4 A	<p>There's a Pharaoh in the bath!</p> <p>Esafety</p> <ul style="list-style-type: none"> <li>• What is cyberbullying</li> <li>• Passwords and privacy settings</li> <li>• Safe sending and receiving of emails</li> <li>• Exploring online communication</li> <li>• Being safe and responsible with communication</li> <li>• Safely plan online party</li> </ul> <p>Online searching</p> <ul style="list-style-type: none"> <li>• Word order</li> <li>• Advertisements</li> </ul> <p>How searches give results</p>	<p>Ruins</p> <p>Coding</p> <ul style="list-style-type: none"> <li>• Turtle logo – learn more commands and more complicated algorithms</li> <li>• Create symmetrical art</li> <li>• Scratch – drawing</li> </ul> <p>Paint program</p> <ul style="list-style-type: none"> <li>• Paint in style of artist</li> <li>• Order and group objects</li> <li>• Combine text and images</li> <li>• Focus on layout of image</li> </ul>	<p>Who's invading now?</p> <p>Word processing</p> <ul style="list-style-type: none"> <li>• Changing letter case</li> <li>• Change alignment</li> <li>• Bullet points / numbering</li> <li>• Using ctrl or shift to select</li> <li>• Use and format text boxes</li> </ul> <p>Powerpoint</p> <ul style="list-style-type: none"> <li>• Create a branching story</li> <li>• Use slide templates</li> <li>• Create hyperlinks to other slides</li> <li>• Slide transition and animations</li> <li>• Add audio and video</li> <li>• Evaluate and improve work</li> </ul>
Year 3 & 4 B	<p>Tribal Tales</p> <p>Esafety</p> <ul style="list-style-type: none"> <li>• Hurtful messages</li> <li>• Plagiarism</li> <li>• Sharing and online profiles</li> <li>• Being responsible in online communities</li> </ul> <p>Online searching</p> <ul style="list-style-type: none"> <li>• Effective searching</li> <li>• Appropriate websites</li> <li>• Creating new tabs and windows</li> <li>• Quotation marks for exact phrases</li> </ul> <p>Hyphens to exclude words</p>	<p>Off With her Head</p> <p>Coding</p> <p>Scratch</p> <ul style="list-style-type: none"> <li>• Create interactive quizzes</li> <li>• Take apart a program to see how it works</li> <li>• Program a scoring system</li> <li>• Debug own programs</li> </ul> <p>Turtle logo</p> <ul style="list-style-type: none"> <li>• Program key words for specific commands</li> <li>• Program to choose colours</li> <li>• Create code for text</li> </ul> <p>Create code to draw arcs</p>	<p>The Romans are Coming</p> <p>Word processing</p> <ul style="list-style-type: none"> <li>• Formatting images</li> <li>• Creating effective layout</li> <li>• Using spellcheck</li> <li>• Insert and format tables</li> <li>• Change page layout</li> <li>• Create hyperlinks</li> </ul> <p>Animation</p> <ul style="list-style-type: none"> <li>• History of animation</li> <li>• Create short animation with stick figures</li> <li>• Create animation with number of characters</li> <li>• Use camera to create stop motion animations</li> </ul>

	Autumn	Spring	Summer
Year 5 & 6 A	<p>A Child's War</p> <p>Selecting and combining software</p> <ul style="list-style-type: none"> <li>Recording and editing sounds</li> <li>Combine effects purposefully</li> <li>Research and plan content eg podcast</li> <li>Record, present, evaluate audio content</li> </ul> <p>3D Modelling Sketch Up</p> <ul style="list-style-type: none"> <li>Create 3D shapes</li> <li>Add detail</li> <li>Create, add, manipulate 3D models</li> </ul> <p>Create complex 3D model</p>	<p>Hola Mexico</p> <p>Esafety</p> <ul style="list-style-type: none"> <li>Spam emails</li> <li>Creating strong passwords</li> <li>Online photos and how edited</li> </ul> <p>Internet research</p> <ul style="list-style-type: none"> <li>Citation for research</li> <li>Evaluate webpages</li> <li>Create page layout</li> <li>Add text to webpage</li> <li>Add images to webpage</li> <li>Add hyperlinks</li> <li>Publish a webpage</li> </ul>	<p>Water of Life</p> <p>Kodu Coding</p> <ul style="list-style-type: none"> <li>Investigate features</li> <li>Learn when and do instructions</li> <li>Create stages for games</li> <li>Look at codes and deconstruct</li> <li>Create controllable character</li> <li>Create non-player characters</li> </ul> <p>Esafety</p> <ul style="list-style-type: none"> <li>Community card scheme</li> </ul>
Year 5 & 6 B	<p>Stargazers</p> <p>Spreadsheets</p> <ul style="list-style-type: none"> <li>What are they?</li> <li>Why useful?</li> <li>Entering data</li> <li>Ordering and presenting data</li> <li>Add, edit, calculate formula</li> <li>Use to solve problems</li> </ul> <p>Use for specific purpose eg plan a party</p>	<p>Up the mountain</p> <p>Animated Story Scratch</p> <ul style="list-style-type: none"> <li>Create animations</li> <li>Code for timing</li> <li>Use hide and show to control</li> <li>Sequence events</li> <li>Add narrations and SFX</li> <li>Add interactive features</li> </ul> <p>Film Making</p> <ul style="list-style-type: none"> <li>Writing a script</li> <li>Use devices to film</li> <li>Import files to editing software</li> <li>Edit raw footage</li> <li>Own film project</li> </ul> <p>Present and publish the film</p>	<p>Coasts</p> <p>Coding Scratch</p> <ul style="list-style-type: none"> <li>Make a maze game</li> <li>Create characters and backdrop</li> <li>Add special effects</li> <li>Create original game</li> <li>Code a scoring system and highs core board</li> </ul> <p>Esafety</p> <ul style="list-style-type: none"> <li>Cyber bullying vs real life</li> <li>Dealing with cyberbullying</li> <li>Identify secure websites</li> <li>Online relationships</li> <li>Sharing information</li> <li>Media roles</li> <li>SMART recap and application</li> </ul>