



Seamer and Irton CP School

Progression of knowledge and skills in Computing

Creating Media: Summer 1 and Autumn 2



The Creating Media strand hosts a wide range of different media types, and therefore different skills. To support progression, this can be best categorised into four different key areas: text, graphics (the use of pictures and text), photo and video, and audio. The spiral curriculum covers each of these four areas over a phase (KS1, LKS2 and UKS2), rather than in every year group, with links across these areas made where possible.

Throughout each half term, pupils are exposed to a range of computing careers linked directly to the cultural capital of our pupils and highlighting that computing can be aspirational and accessible to all. Visits by a diverse range of adults, all based within the local community, will provide pupils with clear links to STEM career opportunities. Additionally, pupils will be exposed to female pioneers who have impacted the world of digital media as well as meeting the team that designed the school website. Finally, pupils will connect with the local secondary school where they will have the opportunity to meet different teaching staff and pupils from a range of backgrounds and use a 3D printer to physically create their models.



	EYFS	Y1	Y2	Y3	Y4	Y5	Y6
Creating Media Summer 1	<p>Encourage creative expression using digital tools.</p> <p>Digital Art Creation: Use tablets or computers to create digital artwork related to spring themes.</p> <p>Digital Storytelling: Create simple digital stories using images and text.</p>	<p>Creating Media - Digital Writing</p> <p>Using a computer to create and format text, before comparing to writing non-digitally.</p> <p>No. of lessons: 6 Overview: Unit Guide</p> <p>Skills and Concept Progression Learning Graph</p>	<p>Creating media - Digital music</p> <p>Digital music Using a computer as a tool to explore rhythms and melodies, before creating a musical composition.</p> <p>No. of lessons: 6 Overview: Unit Guide</p> <p>Skills and Concept Progression Learning Graph</p>	<p>Creating-media-desktop-publishing</p> <p>Desktop publishing Creating documents and modifying text, images and page layouts for a specific purpose</p> <p>No. of lessons: 6 Overview: Unit Guide</p> <p>Skills and Concept Progression Learning Graph</p>	<p>Creating-media-photo-editing</p> <p>Photo editing Manipulating digital images, and reflecting on the impact of the changes and whether the required purpose is fulfilled,</p> <p>No. of lessons: 6 Overview: Unit Guide</p> <p>Skills and Concept Progression Learning Graph</p>	<p>Creating-media-vector-drawing</p> <p>Introduction to vector graphics Creating images in a drawing program by using layers and groups of objects.</p> <p>No. of lessons: 6 Overview: Unit Guide</p> <p>Skills and Concept Progression Learning Graph</p>	<p>Creating-media-3d-modelling</p> <p>3D modelling Planning, developing, and evaluation 3D computer models of physical objects.</p> <p>No. of lessons: 6 Overview: Unit Guide</p> <p>Skills and Concept Progression Learning Graph</p>

<p>Vocabulary</p> <p>Glossary Primary computing glossary - Teach Computing</p>		<p>Word Processor, Keys, Numbers, Spacebar, Backspace, Text, Shift, Cursor, Toolbar, Bold</p>	<p>Music, Quiet, Loud, Feelings, Emotions, Pattern, Rhythm, Pulse/Beat, Pitch, Tempo, Notes, Instrument, Create, Open, Edit</p>	<p>Desktop publishing, Text, Images, Font style, Template, Orientation, Placeholder, Copy, Paste, Layout, Purpose</p>	<p>Arrange, Digital, Crop, Undo, Copyright, Composition, Pixels, Rotate, Flip, Effects, Hue/Saturation, Sepia, Illustrator, Vignette, Retouch, Clone, Recolour, Sharpen, Brighten, Composite, Cut, Copy, Paste, Original, Border, Layer</p>	<p>Vector, Drawing Tools, Icons, Toolbar, Vector Drawing, Move, Resize, Rotate, Duplicate/Copy, Organise, Zoom, Select, Alignment, Grid, Handles, Consistency, Modify, Layers, Object, Paste, Group, Ungroup, Reuse, Improvement, Alternatives</p>	<p>Modelling, Three-Dimensional, Workspace, Faces, Vertices, Edges, Handles, Resize, Position, Hole, Design, Modify</p>
<p>Careers Education Including links to Equity, Diversity and Inclusion</p> <p>Supplemented by STEM ambassador visits and online opportunities linked to the termly focus as and when available</p>		 <p>Digital Content Creator</p> <p>Career Title: Digital Content Creator</p> <p>What They Do: Produce content such as videos, blogs, and social media posts.</p> <p>Skills Required: Creativity, writing, and video editing.</p> <p>Wage: £25,000 - £40,000 annually, varies widely with freelance work.</p>	<p>Delia Derbyshire (1937-2001) In November 1963 Delia swapped traditional musical instruments for electronic sounds when she arranged the theme for one of the most famous TV shows ever: Doctor Who.</p> <p>KS2: Delia Derbyshire – Doctor Who Theme (original theme by Ron Grainer) - BBC Teach</p>		<p>How to become a music photographer: Priti's story - BBC Bitesize</p>	<p>Katie Louise Thomas (present) Katie Louise Thomas</p>	<p>10 Industries Transformed by 3D Modeling - Examples & Benefits - Skywell Software</p>



<p>Local Community experts (Visitors and visits)</p> <p>Supplemented by STEM ambassador visits and online opportunities linked to the termly focus as and when available</p>				<p>Visitor - Jamie McGarry – Local publisher</p> <p>Services – Valley Press – Independent Publishing (valleypressuk.com)</p>	<p>Visitor - Scarborough Camera club – local club</p> <p>Scarborough Camera Club</p>		<p>Visitor - Greg Smith</p> <p>Design - Upset (upset.co.uk)</p> <p>Visit - Link with local secondary school –</p> <p>George Pindar School, Scarborough Part of the Hope Sentamu Learning Trust – #Proud to be Pindar (hslt.academy)</p> <p>3D printing</p>

	EYFS	Y1	Y2	Y3	Y4	Y5	Y6
<p>Creating Media:</p> <p>Autumn 2</p> <p>EYFS To complete 1st of 3 Barefoot Computing units based on the seasons</p>	<p>Early Years EN Barefoot Computing</p> <p>Three Autumn themed activities which see the children explore patterns in Garlands Galore, create a leaf labyrinth and make Pumpkin Soup using computational thinking skills.</p> <p>Early Learning Goal and Development Matters Links <i>Creating with Materials</i> <i>Fine Motor Skills</i> <i>Active Learning</i> <i>Mathematics</i> <i>Understanding the world</i></p>	<p>Creating Media - Digital Painting</p> <p>Choosing appropriate tools in a program to create art, and making comparisons with working non-digitally.</p> <p>No. of lessons: 6 Overview: Unit Guide</p> <p>Skills and Concept Progression Learning Graph</p>	<p>Creating media – Digital photography</p> <p>Capturing and changing digital photographs for different purposes.</p> <p>No. of lessons: 6 Overview: Unit Guide</p> <p>Skills and Concept Progression Learning Graph</p>	<p>Creating-media-animation</p> <p>Stop-frame animation Capturing and editing digital still images to produce a stop frame animation that tells a story</p> <p>No. of lessons: 6 Overview: Unit Guide</p> <p>Skills and Concept Progression Learning Graph</p>	<p>Creating-media-audio-editing</p> <p>Audio production Capturing and editing audio to produce a podcast, ensuring that copyright is considered.</p> <p>No. of lessons: 6 Overview: Unit Guide</p> <p>Skills and Concept Progression Learning Graph</p>	<p>Creating-media-video-editing</p> <p>Video production Planning, capturing, and editing video to produce a short film.</p> <p>No. of lessons: 6 Overview: Unit Guide</p> <p>Skills and Concept Progression Learning Graph</p>	<p>Creating-media-web-page-creation</p> <p>Webpage creation Designing and creating webpages, giving consideration to copyright, aesthetics and navigation.</p> <p>No. of lessons: 6 Overview: Unit Guide</p> <p>Skills and Concept Progression Learning Graph</p>
<p>Vocabulary</p> <p>Glossary Primary computing glossary - Teach Computing</p>		<p>Tool, Erase, Fill Undo, Primary Colours, Shape tools, Line tool, Brush style, Pointillism</p>	<p>Device, Capture, Image, Digital, Landscape, Portrait, Field of view, Narrow, Wide, Format, Framing, Focal point, Subject</p>	<p>animation, flip book, stop frame, frame, sequence, image, photograph, setting, character, events, onion skinning, media, import, transition.</p>	<p>audio, record, playback, input, output, Podcast, selection, mixing, time shift, export, sound file.</p>	<p>Video, Audio, Recording, Storyboard, Script, Soundtrack, Dialogue, Capture, Zoom, AV (Audio Visual), Videographer,</p>	<p>Web Page, Website Browser, Media Hypertext, Markup Language (HTML), Logo, Layout, Header, Purpose, Copyright, Home</p>

			<p>matter, Compose, Natural/artificial lighting, Flash, Focus, Background/foreground, Editing, Tools, Filter, Changed, Real</p>			<p>Zoom, Pan, Tilt, Angle, Lighting, Setting, Export, Split, Trim/Clip, Titles, Timeline, Transitions, Content, Retake, Special Effects, Title Screen, End Credits</p>	<p>Page, Preview Navigation,</p>
<p>Careers Education Including links to Equity, Diversity and Inclusion</p> <p>Supplemented by STEM ambassador visits and online opportunities linked to the termly focus as and when available</p>		 <p>Digital Comic Book Maker</p> <p>Career Title: Digital Comic Book Maker</p> <p>What They Do: Create comic books using digital tools, publishing stories online or in digital formats.</p> <p>Skills Required: Storytelling, digital drawing skills, creativity.</p> <p>Wage: Variable; often freelance-based, depends on sales and commissions.</p>  <p>Illustrator</p> <p>Career Title: Illustrator</p> <p>What They Do: Create drawings and designs for books, magazines, advertisements, and digital media.</p> <p>Skills Required: Artistic ability, creativity, proficiency in digital art software.</p> <p>Wage: £20,000 - £50,000 annually; freelance work may vary.</p>	<p>Temi Lawson (present) A Film and Digital Photographer About — TEMI LAWSON</p>	<p>Lotte Reiniger (1899 – 1981) Credited with directing the first feature-length animated film Lotte Reiniger: The animation genius you've probably never heard of BBC Ideas (youtube.com)</p> <p>Nick Park (1958 -) British animator, famed for his use of stop motion clay animation in a series of short animations and in feature films Making Of - Wallace and Gromit with Visit England (youtube.com)</p>	<p>Marcella Araica (2002–present) Sound engineer Marcella Araica broke into the male-dominated music industry and soared to success. Blending melodies with Marcella Araica - Bing video</p>	<p>Desiree Ivegbuna (present) Editor in the film and TV drama industries - ScreenSkills</p> <p>Margaret Sixel (1984–present) SIXEL, MARGARET – Edited By (princeton.edu)</p>	<p>Erlen Masson (1988 – present) UK-based illustrator, art director, designer and developer who’s worked with iconic brands like Gucci, Burberry, Ray-Ban, Levis, Adidas, and more Erlen Masson's Portfolio erlen.co.uk</p> <p>Welcome To Football Freeda x Mastercard</p>

<p>Local Community experts (Visitors and visits)</p> <p>Supplemented by STEM ambassador visits and online opportunities linked to the termly focus as and when available</p>			<p>Visit - Will Palmer – Local photographer (Seamer based) Will Palmer Photography Homepage (photoshelter.com)</p> <p>Scarborough Thor the Walrus photograph wins national award - BBC News</p>		<p>Visit - Nick Martin – Local Audio editor (Scarborough based)</p> <p>Media Music Productions - Recording Studio - Scarborough (mediamusicproductionsuk.com)</p>	<p>Visit - Chris Curtis – Local video editor (Crossgates based)</p> <p>Video Blue Sky Media England (blueskymediauk.com)</p>	<p>Visit - Echo Digital Creative – Local website developers</p> <p>Current school website builders Echo Digital Creative</p>
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