Year 2

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| Topic | Using the Internet | Online Safety | Presentation Skills | Turtle and Scratch | Computer Art | Using and Applying – Assessment of the years teaching |
| Knowledge | Understand how to stay safe when using the internet.Understand how to search for information safely online.Understand how to follow links to another webpage. Understand how to use a camera to take safe photos to use online.Understand how to use an online blog safely and respectfully.Understand how to post positive comments and responses on a blog. | Explain what ‘digital footprint’ means. Explain how people might use the information I put online. Explain how a digital footprint contains information about a person.Identify which keywords will give me good results. | Understand how to use a folder.Understand how to create a simple presentation with text. | Understand how to create an algorithm to move or rotate the turtle.Understand how to create an algorithm using the repeat command.Understand how to create an algorithm that includes movement and sound.Understand how to create an algorithm and use the repeat and say command.Understand how to create an algorithm and use the green flag to start.Understand how to create an algorithm and use the commands to change the backdrop and add sprites. | Understand how to use a range of tools in a computer program to reproduce a style of art.Understand how to make and edit shapes to create a piece of art.Understand how to change the shade of a colour for effect.Understand how to retrieve a file to edit in a computer program.Understand how to use a range of skills to create a piece of art. | Understand how to use a specific computer skill to reproduce a style of art.Understand how to compare skills needed to reproduce different style of art.Understand how to create a presentation including text and images.Understand how to retrieve, edit and organise a presentation.Understand how to create precise instructions for a character, on a particular theme.Understand how to create code for a pair of characters, involving speech and movement. |
| Skills | Type in an address for a search engine.Type one word into a search engine and return results.Recognise some information about the returned results. Find child-friendly search engines. Avoid using any private or personal information online. Tell an adult if anything on the Internet makes me feel uncomfortable.Add the words “for kids” to my search. Recognise some information about the returned results.Choose sensible words to search for.Recognise links on a webpage. Click once to follow a link. Go back to the previous page or pages. Look at where a link will take me before I click on it.Recognise links on a webpage. Click once to follow a link. Go back to the previous page or pages. Look at where a link will take me before I click on it.Find a saved photo on the computer. Upload a picture to an online blog. Post text to a blog. I can use first names only and keep my personal details private. Make sure I upload photos that are safe to use and that I have permission for. Make sure I only use my own words and pictures online.Find a saved photo on the computer. Upload a picture to an online blog. Post text to a blog. Use first names only and keep my personal details private. Make sure I upload photos that are safe to use and that I have permission for. Make sure I only use my own words and pictures online. | Use a website to search for information.Think about how to identify possible dangers or things which might make me uncomfortable online. Identify websites that are suitable for my age. Identify when to ask an adult for advice about accessing a website. Know what to do if a website makes me uncomfortable in any way.Discuss what people might want to know about a website to decide whether it is useful or not. Explain what I like or dislike about a website. Use clues to decide who a website is aimed at.Identify unkind online behaviour. Know what to do if I think someone is being unkind to me online.Choose a sensible course of action if I feel uncomfortable online. Explain how to safely search for information online. Choose appropriate websites for someone my age. | Can switch on, checking the monitor first. Log on and log off. Manipulate windows. Shut down. Create a folder.Save a file in my folder.Identify the main features of a presentation. Name some of the most popular presentation applications. Organise my presentation into main ideas.Add a new slide. Set or change the slide layout. Insert a text box. Type in a text box. Change the background. Change the outline. Use an appropriate font and colour.Insert an image from a folder. Copy an image from another source. Resize an image.Access Slide Sorter View. Drag slides to reorder. Use different options to present.Search for files and applications. Print using different options. | Write commands in the correct order. Write a variable value where required. Correct any mistakes I can use the commands fd, lt, rt to move or rotate the turtle. Use cs to clear the screen.Write commands in the correct order. Write a variable value where required. Correct any mistakes. Use the commands fd, lt, rt to move or rotate the turtle. Use repeat.Write commands in the correct order. Write a variable value where required. Correct any mistakes. Move a sprite. Add sound.Write commands in the correct order. Write a variable value where required. Correct any mistakes. Use the repeat command. Use the say block.Write commands in the correct order. Write a variable value where required. Correct any mistakes. Start an algorithm with the green flag or key press. Change the colour of the sprite.Write commands in the correct order. Write a variable value where required. Correct any mistakes. Change the backdrop. Add sprites. | Use a computer software program to recreate art. Change the colour and size of the dots.Insert lines that are different sizes into my work. Fill areas with different colours. Draw lines and fill spaces with colour to recreate a piece of art.Produce at least 3 different shapes using a computer program. Rotate, resize and colour shapes. Arrange different shapes to recreate a piece of art.Produce lighter and darker shades of a colour. Match colours to particular moods and emotions. Make two versions of a piece of art using different shades.Retrieve a picture file and open it in a computer program.Duplicate an image. Alter the colours of each image to recreate a piece of Pop Art.Combine the styles of at least two artists to create my own artwork. Recall and use computer skills to produce my own piece of artwork. Review the work of others and offer suggestions for improvement. | Find and open software for creating computer art. Can control the mouse to produce different effects (dots/lines). Reproduce an image using a particular artistic style.Compare different styles of Computer Art. Comment on effective ways of using Paint software. Use computer paint skills in a new context.Add text and images to a presentation.  Add a title slide. Add new slides with a main idea on each slide.Retrieve/open a file from a saved location. Review and edit my presentation. Insert and reorder slides. Present my finished work to an audience.Select a relevant backdrop. Make a character move. Add suitable speech for a character. Link actions and text to a theme.Find and open a saved file. Add a second character and position on the backdrop. Add code for a series of speech bubbles. Add code for characters to move in turn or sequence. |
| Vocabulary | Internet, world wide web (www.), search, search engine, results, Google, Bing, Yahoo, browser, link, web page, back, blog, picture, image, photograph, post, username, password, upload, find, comment, question. | Digital footprint, trail, e-Safety, online, website, advert, content, social media, post, public, keyword, search engine, Internet, website, safe, secure, appropriate, rating, review, rank, cyberbullying, chat, messenger. | System unit, monitor, switch, shut down, log on, log off, windows, folder, new folder, Presentation, Microsoft PowerPoint, OpenOffice Impress, Google Slides, Apple Keynote, new slide, slide layout, text box, format, font, colour, background, line, image, picture, photo, format, insert, copy, folder, network, aspect ratio, slide, slide sorter view, drag, present, search, print, options, date, print options, black and white, colour, selected pages, double sided. | Algorithm, instructions, commands, forward (fd), left (lt), right (rt), move, turn, clear screen (cs), variable, repeat, algorithm, instructions, commands, sprite, move, add sound, say something, green flag, change colour, key press. | Pixel, Pointillism, dots, Seurat, program, tool, size, colour, mondrian, fill, straight lines, primary colours, red, yellow, blue, weight, Picasso, Cubism, shapes, manipulate, rotate, shade, Monet, Impressionism, colour, shade, lighter, darker, mood, emotions, harmonious, complementary, Warhol, Pop Art, duplicate, screen-print, retrieve, Copy and Paste, portrait, Selective, combination, review. | Pixel, pointillism, dots, Seurat, program, tool, size, colour, Internet, program, tool, size, colour, shape, rotate, Picasso, cubism, Presentation, text, image, slide, PowerPoint, open, retrieve, edit, present, Scratch, program, code, algorithm, commands, instructions, repeat, sound, variable, blocks, sprites, backdrops. |