




Autumn 1 Creating media, digital writing & e-safety

Knowledge <i>I know...</i>	Skills <i>I can...</i>	Links back to <i>I remember...</i>
<ul style="list-style-type: none"> It is important to be safe when using the internet, laptops and iPads. To use kiddle when searching online. To search sensibly and not to deliberately look for or send anything unpleasant online. To speak to a grown-up if I see something scary online. That a word processor is made up of pages. What the keys that I have learnt about do e.g. backspace. How to make changes to text on a iPad. The differences between typing and writing and can explain these. 	<ul style="list-style-type: none"> Use kiddle to search online. Explain what it means to stay safe online. Talk about what I have seen online Get help from an adult if something online is worrying me. Open a word processor. Identify and find keys on a keyboard. Enter text into an iPad. Use letter, number, and Space keys. Use Backspace to remove text. Type capital letters. Identify the toolbar and use bold, italic, and underline. Select a word by double-clicking and select all of the text by clicking and dragging Change the font. Say what tool I used to change the text. Decide if my changes have improved my writing. Use 'Undo' to remove changes. Say why I prefer typing or writing. 	<ul style="list-style-type: none"> My teacher using kiddle to search online to find information. Programming Beebots to move around a map. An algorithm is a precise instruction. Digital art is a type of art made using technology. Constructing a pictogram and/or block diagram using j2e as a class.
<p>Vocabulary:</p> <p>Kiddle: an online search engine for children.</p> <p>Backspace: a key on a iPad keyboard used to make the cursor to move backwards.</p> <p>Toolbar: pictures that can be clicked on to do a certain job.</p> <p>Word processor: creates, stores and prints text pages.</p> <p>Keyboard: allows us to enter text into a iPad.</p> <p>Font: the size, colour of text.</p>	<p>Images:</p> 	

Spring 2 Programming quizzes (Scratch Jr)

Knowledge <i>I know...</i>	Skills <i>I can...</i>	Links back to <i>I remember...</i>
<ul style="list-style-type: none"> An algorithm is a precise set of ordered steps. A program is a set of ordered commands that can be run by a computer to achieve a task. Debugging is finding and fixing a problem. A sequence needs a start and an outcome. Changing blocks in a program will change the outcome. To follow our HIS Golden Rules online. Who to ask for help if I am worried about something I see/receive online. 	<ul style="list-style-type: none"> Identify the start of a sequence and run my program. Predict the outcome of a sequence of commands Change the sequence of commands and change the outcome. Create and change a program with a given design. Create a program of my own design. Select the correct tools. Say what I would change about my program to improve it. 	<ul style="list-style-type: none"> Programming a Beebot with support How to stay safe online Using an iPad to create a picture
<p>Vocabulary:</p> <p>Algorithm: a precise set of ordered steps that can be followed by a human or a computer to achieve a task.</p> <p>Beebot: a programmable robot</p> <p>Block: a movement</p> <p>Debugging: finding and fixing a problem with a program.</p> <p>Program: a set of ordered commands that can be run by a computer to complete a task.</p> <p>Code: The commands a computer can run.</p> <p>Command: a single instruction that can be used in a program to control a computer.</p> <p>Retrieve: find information stored in a computer.</p> <p>Run: to action the commands in a program.</p> <p>Tool: a device used to carry out a particular job.</p>	<p>Images:</p>  	

Save: store for future use.
Sequence: the order in which commands are performed to achieve a task.
Sprite: the main characters of the project.
Value: the way to change a variable in a block.


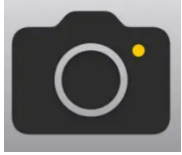


Summer 2 Creating media (photos) & e-safety

Knowledge <i>I know...</i>	Skills <i>I can...</i>	Links back to <i>I remember...</i>
<ul style="list-style-type: none"> • That photos can be taken on a range of technological devices. • Common uses of technological devices in and beyond school. • You have choices when taking photos. (eg to take a landscape or portrait photo) • How a photo can be improved. • How to find out the best lighting levels for producing good quality photographs. • Photos can be changed and that not all images are real. 	<ul style="list-style-type: none"> • Use an iPad to take a photo. • Compose and capture good photos. • Make suggestions on how to improve my photo. • Use tools to change an image. • Say what the best lighting source is for a photo I retake. • Use the autofocus to make an object in the photo stand out. • Identify someone who can help me, if something happens online without my consent. 	<ul style="list-style-type: none"> • Using an iPad to write. • Using different tools to make changes and improve my writing. • That I have to get help from an adult if I see something which upsets me online.

Vocabulary:
Background: the area or scenery behind the main object
Camera: a device for recording visual images.
Capture: cause data to be stored in a digital format.
Compose: create or set up
Digital device: a computer or a device with a computer inside that has been programmed for a specific task
Editing: modifying or making changes
Filter: a function used to alter the overall appearance of an image
Flash: a brief bright light used for taking photos in poor light
Focus: producing clear visual definition
Landscape: screen display which is wider than it is high.
Lighting: the arrangement or effect of lights.
Photograph: is a picture made using a camera, printed or stored digitally
Portrait: screen display which is higher than it is wide

Images:

Progress is **knowing more** (knowledge), **remembering more** (links back to), **being able to do more** (skills)