Autumn 1 Digital Literacy, Understanding Technology (Seesaw) & Online safety (Project Evolve - Self-image & identity, online relationships)

Knowledge *I know...*	Skills *I can...*	Links back to *I remember...*
- How to use the ipads sensibly and safely - I have signed and agreed the Acceptable Use policy - That is important to stay safe when using the internet, computers and iPads - What the icons mean on Seesaw (Green+ - add learning to journal, Lightbulb – find new learning, set by teacher, Book – my journal) - To add my best work to my journal. - A photograph is a picture made using a camera.	- Search safely online using kiddle - Talk about scary things I see online - Get help from an adult if something online is worrying me - Log in to Seesaw using my class QR code, username and password - Respond to a task set on Seesaw using the camera and voice tool - Add learning to my journal - Take a photo using Seesaw or the Camera App - Upload photos, I have taken offline on the Camera app, to Seesaw - Retrieve my work by looking in my journal - Recognise that there may be people online who could make someone feel sad, embarrassed or upset. - Give examples of when they should ask permission to do something online and can explain why this is important	- My teachers using kiddle to search online - Kiddle is an online tool to research information - Using ipads and the internet

Vocabulary:	Images:
Acceptable Use Policy (AUP): a set of rules on how the ipads and internet should be used, to keep us safe. **Internet:** a global computer network that gives information and communication **Kiddle:** an online search engine for children **Online:** when the computer is connected to the internet **Photograph:** is a picture made using a camera, printed or stored digitally **Plagiarise:** copy someone's work as your own **QR code:** a machine-readable code consisting of an array of black and white squares, typically used for storing information for reading by the camera on an ipad or smartphone **Seesaw App: a** digital learning journey	

Spring 2 Programming (Programming B -ScratchJr – animation) & Online Safety (Safer Internet Day & Project Evolve - Online Reputation, Online Bullying)

Knowledge *I know...*	Skills *I can...*	Links back to *I remember...*
- An algorithm is a precise set of ordered steps that can be followed by a human or a computer to achieve a task. - How to join commands together. - A program is a set of ordered commands that can be run by a computer (Beebot) to complete a task. - Debugging is finding and fixing a problem.	- Find and use commands to use a sprite. - Compare different programming tools. - Use a start block - Use more than one block, by joining them together. - Change the value of a block and say what happens when I do. - Show that a project can include more than one sprite - Delete a sprite - Create an algorithm for each of my sprites. - Use my algorithm to create a program. - Recognise that information can stay online and could be copied. - describe how to behave online in ways that do not upset others and can give examples.	- Using the Beebots - Explaining what given commands will do. - Acting out a given word. - Combining commands to make a sequence. - Planning a simple program. - Finding more than one solution to a problem. - How to stay safe online - Using an iPad

Vocabulary:	Images:
Algorithm: a precise set of ordered steps that can be followed by a human or a computer to achieve a task. **Beebot:** a programable robot **Block**: a movement **Command**: a single instruction that can be used in a program to control a computer. **Debugging:** finding and fixing a problem with a program. **Program:** a set of ordered commands that can be run by a computer to complete a task. **Run:** to action the commands in a program. **Sprite:** the main characters of the project. **Value**: the way to change a variable in a block.	

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

Summer 2 Digital Literacy, Creating Media - digital writing & Online Safety (Project Evolve - Managing Online Information, Copyright & Ownership)

Knowledge *I know...*	Skills *I can...*	Links back to *I remember...*
• 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. • That we can encounter a range of things online including things we like and don't like as well as things which are real or make believe/a joke. • That work created by others does not belong to me, even if I save a copy	• 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.	• 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**.

Vocabulary:	Images:
Kiddle: an online search engine for children. **Backspace:** a key on a iPad keyboard used to make the cursor to move backwards. **Toolbar:** pictures that can be clicked on to do a certain job. **Word processor:** creates, stores and prints text pages. **Keyboard:** allows us to enter text into a iPad. **Font:** the size, colour of text.	

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