Polesden Lacey Infant School – Computing Curriculum Map

We uphold and promote the importance of teaching our children to remain safe online. We teach discreet E-safety lessons based on Education for a Connected World 2022 and Project Evolve and support our children accordingly with positive responses to issues reported in the media, by parents, or by the children themselves.

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Revisit E-Safety Rules Parent E- Safety Workshop. Technology Week		Safer Internet Day *Revisit & Reflect on Safety Rules – update if necessary.*			

	Where ever possible staff will link learning to the school values; caring, courageous, curious, fair, respectful, resilient, and British Values; democracy, rule of law, individual liberty, mutual respect and tolerance. They will also provide real life examples of people both who the children know and who they don't who have shown these values.

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	**E-Safety .** **Project Evolve** –Self-image and self-identity & Online bullying.	**E-Safety** *Text: Websters Bedtime* **Project Evolve** – Health, wellbeing and lifestyle.	**E-Safety** – **Project Evolve** – Online reputation.	**E-Safety-** *Text Smartie the Penguin.* **Project Evolve** – Online relationships.	**E-Safety-** **Project Evolve** – Managing online information.	**E-Safety-***Text Clicker the Cat* – **Project Evolve** – Privacy and Security &Copyright and Ownership.

Sticky Learning

I can say one way that information could be put on the internet.
I can say how some people can be unkind (on/offline).
MA: I can say how this makes others feel.
I can ask someone to stop if I feel they are doing wrong.
I know my full name and the area where I live and understand this information is private.
MA: I can name someone I would trust with this information

To use my finger to complete a simple program on a touch screen.

To learn how to use the digital camera / ipad. | Identify lights and classroom equipment that use electricity.

To learn that electricity is dangerous.

To know that a battery is a portable supply of electricity. | Use a paint programme to create a picture (ipad).

To know how to operate remote control cars.

programmable toys (codapillar). | Use the computer keyboard to write names.

To explore a mouse pad. | Use technology for different purposes.

To use a digital microscope for investigating mini beasts. | Begin to use bee-bots and understand what an algorithm is. |

iPads are used throughout continuous provision to enhance learning opportunities across the curriculum.

Sticky Learning	To access and navigate simple educational games on an iPad. To successfully take a photograph using a camera and an iPad. To give instructions to make something move.					
Year 1	**E-Safety – Project Evolve- Privacy & Security and Self-image and identity** *Text Chicken Clicking.*	**E-Safety – Project Evolve- Online Reputation and Online bullying.**	**E-Safety – Project Evolve- Health, wellbeing and lifestyle.**	**E-Safety – Project Evolve- Online relationships.**	**E-Safety – Project Evolve-Managing online information.** .	**E-Safety -** *Text Penguin Pig.* **Project Evolve-Copyright and Ownership.**
	Instructions (Simon says). Sequencing & Ordering (make a sandwich). Logging in. Google –Earth (UK). Kandinksy (art) Open the program/ save w/ support. Technology week- Lego programming, bee bots.	Typing on chrome books, capital letters, save & print. Instructions and programming –Lego then bee - bots. Recording dance routines on iPad**.**	Bee – Bots programming algorithm & debugging. Link to shape and line drawing in Art. Firework art save and print. Bird watching day research/pictogram.	Castle in the Sun. Open programme/ save/ print. Espresso Coding On the move. Espresso Coding Royal Chase. Pictogram – hours of sunlight (supported).	Espresso Coding Royal Chase. Espresso Coding Transport on the go. Creating own code/app, save and share. Researching animals in the Jungle – kiddle.co	Research – Amazon. Google Earth – Amazon. Espresso Coding Another Planet. Scratch Junior Introduction**.**
Sticky Learning	To be able to follow and give simple multi step directions. To log into a laptop with support.	To be able to follow and give multi step directions. To use an iPad to record.	To code a beebot to draw a square.	To describe what an algorithm is. To navigate espresso coding with limited support.	To log into a laptop and shut down independently.	To navigate google earth with support. To discuss how algorithms can be debugged.
Year 2	**E-Safety- Project Evolve-Self-image and identity & Online bullying**	**E-Safety- Project Evolve- Online Reputation & Managing online information.**	**E-Safety-.** *Text 'Troll Stinks'* **Project Evolve- Online relationships & Privacy and Security.**		**E-Safety- Project Evolve- Health, wellbeing and lifestyle & Privacy and Security.**	**E-Safety-** *Text #Goldilocks* **Project Evolve-Copyright and ownership.**

	Turn on, Log on, off, shut down chrome books. Word- enter, delete, caps lock button font- colour, size. Superhero pictures. Technology week- Lego programming, bee bots.	Espresso Coding – Unit 2a. Research –fire of London, using espresso & kiddle. Word- Christmas poem font- colour, style, size spell check. Firework Dance, record on iPad and evaluate.	Google Maps- local area, navigating along a street, comparing Isle of Coll with Bookham. Research- Isle of Coll. Bar chart- Bird watching day. Data handling- different types of graphs, representations.	Espresso Coding- Unit 2b. Beebots- position and direction, programming (using mathematical language such as anticlockwise/clockwise) . Making repeating patterns.	Gruffalo pictures, reflective symmetry (butterfly). Badger watch- camera. Research- wildlife using espresso/ kiddle. . Charanga- composing iPad.	Creating own code/app. Save and share using Espresso coding app creator. Scratch. Charanga- composing
Sticky Learning	To use a chrome book to write a simple sentence, changing the size and colour of the text with support.	To write code that makes an object move around the screen when a key is pressed. To use a chrome book to write a Christmas Poem changing the size and colour of the text.	To navigate google earth independently.	To describe what 'key press' means.	To research independently using specific key search words.	