Computing How can I express myself?

SCRATCH PROGRAMMING

COMPUTATIONAL THINKING
- I understand decomposition is breaking objects/processes down
- I know how to debug algorithms

CODING/PROGRAMMING
- I understand programs follow precise instructions
- I know how to create programs using different digital devices E.g. Bee Bot or ScratchJr on a tablet
- I know how to debug programs of increasing complexity
- I know how to use logical reasoning to predict the outcome of simple programs

VOCABULARY

Decomposition, debug, reason, detail, breakdown, task, Precise, logical reasoning, prediction, debug, sequence

Use logical reasoning to predict the behaviour of simple programs through the use of Beebots.

PHOTO AND DIGITAL ART
- I know how to select and use tools to create digital imagery
- I can resize, rotate and change colour of shapes
- I can layer multiple shapes
- I can choose to unite, subtract or exclude shapes
- I can group more than one shape

AUGMENTED REALITY AND VIRTUAL REALITY
- I can create my own digital 360 design and bring it into my surroundings through AR

VOCABULARY
Design, space, shape, rotate, resize, layer, arrange, group, untie, intersect, subtract, exclude, plane, 3D, Augmented Reality (AR)

DISCOVER

CREATE

EXPLORE

Exploration, Choice, Creativity, Curiosity

HONESTY

ENTHUSIASM

AMBITION

RESPECT

TOGETHERNESS

Computing

Application throughout the curriculum

SAFETY
Use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies

Online gaming, sharing, pressure, accept, consent, bullying, home, forward, links, tabs, sections, Siri, untrue, wellbeing, private, AI, comments

Word Processing/Typing
- I know how to use the space bar only once between words and use touch to navigate to words letter to edit
- I know how to copy and paste images and text
- I know how to use caps locks for capital letters.
- I know how to add images alongside text in a word processed document.
- I know how to dictate longer passages into a digital device with accurate punctuation.

Data Handling
- I know how to sort digital objects into a range of charts such as Venn diagrams, carroll diagrams and bar charts using different apps and software.
- I know how to orally record myself explaining what the data shows me.
- I know how to create a branching database using questions

INFORMATION TECHNOLOGY
Recognise common uses of information technology beyond school.
Internet safety fortnightly assemblies - texts, social media, online games

Exploration, Choice, Creativity, Curiosity

EXPLORE

DISCOVER

CREATE

HONESTY   ENTHUSIASM   AMBITION   RESPECT   TOGETHERNESS