

Computing Do you see what I see?

ARTIFICIAL INTELLIGENCE

- I can train an AI model and explore how more data makes it more accurate

COMPUTATIONAL THINKING

- I know how to use abstraction to focus on what's important in my design
- I know how to write more precise algorithms for use when programming
- I know how to use simple selection and repetition in algorithms
- I know how to use logical reasoning to detect and correct errors in programs

VOCABULARY

Data, train, model, image, class, pattern

AUGMENTED REALITY AND VIRTUAL REALITY

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

VOCABULARY

Design, space, accessible, shape, plane, 3D, Augmented Reality (AR)

Word processing / typing

- I know how to combine digital images from different sources, objects, and text to make a final piece of a variety of tasks: posters, documents, eBooks, scripts, leaflets.
- I know how to confidently and regularly use text shortcuts such as cut, copy and paste and delete to organise text
- I know how to use font sizes appropriately for audience and purpose and use spell check.

Data Handling

- I know how to create my own online multiple choice questionnaire.
- I know how to input data into a spreadsheet and export the data in a variety of ways: charts, bar charts, pie charts.
- I understand how data is collected



Perspective,
Respect, Empathy,
Opinion



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



Interact, livestream, healthy, unhealthy online behaviours, analyse, fake news, inapp purchases, pop-ups, bots, distraction, screen time, geolocation, adware, cookies,

Presentation, web design and ebook creation

- I know how to create an interactive quiz eBook introducing hyperlinks.
- I know how to create an eBook with text, images and sound.
- I know how to create a presentation demonstrating my understanding with a range of media.
- I know how to create a digital timeline/mindmap and include different media - sound and video.

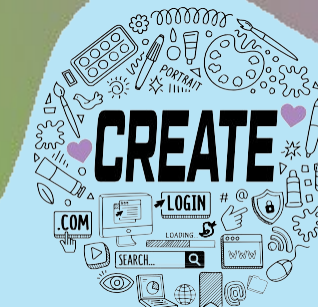
Photography and Digital Art

- I know how to enhance digital images and photographs using crop, brightness, contrast & resize
- I know how to manipulate shapes to create digital art.
- I know how to draw a series of images and export as an animated GIF

INFORMATION TECHNOLOGY

Recognise common uses of information technology beyond school.

Internet safety fortnightly assemblies - texts, social media, online games



Perspective,
Respect, Empathy,
Opinion

