

Computing Why fit in when we are born to stand out?

Animation

- I know how to choose and create different types of animations to best explain my learning.

Video Creation

- I know how to create videos using a range of media - green screen, animations, film and image.

Computational Thinking

- I know how to critically evaluate my work and suggest improvements

Online Reputation

- I can explain the ways in which anyone can develop a positive online reputation.

VOCABULARY

Layer, trim, edit, export, special effects, voice over, import, soundtrack, chroma key, crop

Data, train, model, image, class, pattern

ARTIFICIAL INTELLIGENCE

- I can create and train an AI invention using image recognition

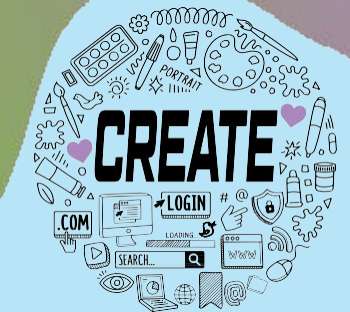
COMPUTATIONAL THINKING

- I know how to solve problems by decomposing them into smaller parts
- I know how to use selection in algorithms
- I know how to use logical reasoning to explain how a variety of algorithms work
- I know how to evaluate the effectiveness of algorithms

WORD PROCESSING

I can start to apply other useful effects to my documents such as hyperlinks.

- I can import sounds to accompany and enhance the text in my document.
- I can organise and reorganise text on screen to suit a purpose



Individuality,
Creativity, Respect,
Boundaries



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



Copied, modified, altered, choices, responsible, emojis, memes, social media, perceive, childlike, block, abusive, sceptical, trustworthy, adverts, validity, reliability, scams, disinformation, echo chamber,

SELF IMAGE AND IDENTITY

- I can describe issues online that might make me or others feel sad, worried, uncomfortable or frightened. I know and can give examples of how I might get help, both on and offline.
- I can explain why I should keep asking until I get the help I need.

ONLINE RELATIONSHIPS

I can show I understand my responsibilities for the well-being of others in my online social group.

I can explain how impulsive and rash communications online may cause problems (e.g. flaming, content produced in live streaming).

I can demonstrate how I would support others (including those who are having difficulties) online.

I can demonstrate ways of reporting problems online for both myself and my friends.

ONLINE BULLYING

I can describe how to capture bullying content as evidence (e.g. screen-grab, URL, profile) to share with others who can help me.

- I can identify a range of ways to report concerns both in school and at home about online bullying.

DATA HANDLING

I can create and publish my own online questionnaire and analyse the results.

- I can use simple formulae to solve calculations including =sum and other statistical functions

I can edit and format difference cells in a spreadsheet.

PHOTOGRAPHY and DIGITAL ART

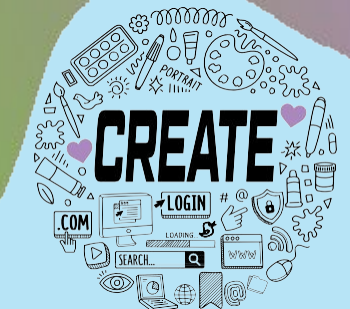
I can make a digital photo using camera settings

- I can enhance digital photos and images using crop, brightness and resize tools
- I can link and explain how to photoshop images and how this is used in the media

INFORMATION TECHNOLOGY

Recognise common uses of information technology beyond school.

Internet safety fortnightly assemblies
- texts, social media, online games
Digimaps, search engines



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