

# 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

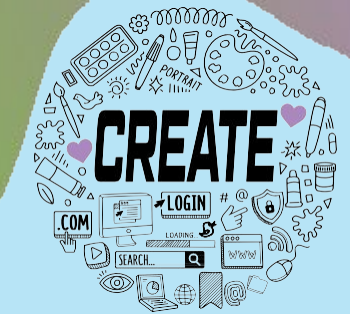
## COMPUTATIONAL THINKING

- 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 explain how identity online can be copied, modified or altered.

I can demonstrate responsible choices about my online identity, depending on context.

### ONLINE RELATIONSHIPS

I can explain that there are some people I communicate with online who may want to do me or my friends harm. I can recognise that this is not my/our fault.

### ONLINE BULLYING

I can recognise when someone is upset, hurt or angry online.

I can describe how to get help for someone that is being bullied online and assess when I need to do or say something or tell someone.

I can explain how to block abusive users. I can explain how I would report online bullying on the apps and platforms that I use.

I can describe the helpline services who can support me and what I would say and do if I needed their help.

### 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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