



KS1 Thinking like a Computer Scientist

Key Knowledge:



In this unit, the children will learn how to edit a photo using Adobe Photoshop. They will begin to learn how to cut out an image to layer on another image.

Children will understand what photoshopping an image means, and how it can be used to create new images. Children will add a background to a new image, and then layer an image over this of themselves, which they will photoshop to create a superhero scene.

Children may be able to add text to their image, sharing what their superpower is.

*How do you add an image as a background?
How can we edit an image?
How do we cut out part of an image?
Can we add a filter?
What other things have we learnt?*

Learning Questions

What features make a successful superhero character?

Which design choices best communicate a character's personality and powers?

What Photoshop tools could be used to add, change, or combine images to create my superhero scene?

What edits would enhance the final design?

How effectively does my finished picture show the superhero I imagined?

What would I like others to know about how I created my superhero image?

Vocabulary

- **Upload image:** To send a picture from a device (like a phone or tablet) onto the computer or app.
- **Edit:** To change or make a picture look better.
- **Filter:** A fun effect that changes the colors or mood of a picture instantly, like putting on virtual sunglasses!
- **Cutout:** To snip out a specific shape or object from a picture.
- **Add:** To put something new into your picture, like a star or a sticker.
- **Remove:** To erase or take something away from your picture.
- **Resize:** To make a picture bigger or smaller.
- **Export:** To save and finish your picture so you can share it or print it out.