

Year 1 Computing Knowledge Organiser

Autumn 2

Theme: Creating Media (Digital Painting)




Key Knowledge and Skills


By the end of this unit children will..
will develop their understanding of a range of tools used for digital painting. They then use these tools to create their own digital paintings, while gaining inspiration from a range of artists' work.


Digital Painting


We can use digital devices to help us draw and paint pictures. Some of the programs we can use to do this are Microsoft Paint and Paintz. When use paint programs, we can use tools to create different effects.

Tools


 This is the pencil tool. It draws freehand. As we click and hold the left mouse button, it draws on the page. As we hold and move the mouse / finger on the track pad, the pencil follows.


This is the paint brush tool. It works freehand, similar to the pencil tool. However, we can choose different colours to paint with. 


 The eraser tool lets us rub out parts of our drawings when we have made a mistake. It works by clicking and holding the left mouse button over the areas to erase.


The undo tool reverses the last thing that you did. If you make a mistake, the undo tool can help you to get your drawing back to how it was beforehand! 

More Complex tools

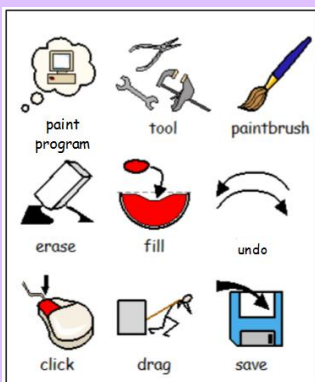
 This is the fill tool. It lets us fill a shape with a colour of our choice. Be careful though, if the shape has any gaps the fill tool will colour everything else!

This is the spray tool. When you hold down the left button on the mouse, it is like you are spraying a can of spray paint. With this tool, it is more difficult to colour neatly. 

 The line tools are useful when we need to draw a line more neatly than we can freehand. You can select the start and end points of your line, and choose if you want it straight or curvy.

The shape tools draw perfectly formed shapes! There many different shapes to choose from. As we click and drag, we make the shape bigger or smaller. 

Key Vocabulary



paint program – a simple program that we can use to create, edit manipulate pictures and drawings

tool – the buttons at the top / side of a computer program that we can click on to do jobs

paintbrush – a freehand tool which allows us to choose colours to paint with

erase – when we rub out parts of a drawing

fill – a tool that allows us to fill a shape with a colour of your choice

undo – a tool that reverses the last thing that you did

click – pressing the button on the mouse

drag – when you have clicked on an object, hold the left hand mouse button down to move the object / make it bigger or smaller.

save – when you have finished your work, it is important to save it using an appropriate file name.

Online Safety

Online Bullying

Just as it is important to treat people we meet with kindness, it is also important to treat people with kindness when we are using phones, computers, tablets and gaming devices. We need to be able to recognise that certain behaviours online might upset others, and consider the different emotions that others might feel in these situations (even if they are different to our own).

