



Hallcroft Infant & Nursery School

Computing Knowledge Organiser



Autumn 2 - Year 2

Creating Pictures & Online Relationships

What we already know, remember and can do:

- Know how to take still images using an iPad.
- Know that different technology has specific uses.
- Know how to use the arrow keys to move around the screen.
- Know how to use a computer to draw with different pens.
- Know digital tools can be used to create art.

	Learning Objective	Knowledge What children will know	Skills What children will do	Revisited Vocabulary	New Vocabulary
1	Creating Pictures 1 - Set Fairytale Land and City Challenge as a 2Do. Learning Objective To know how to use units of distance along with the direction keys in 2Go to move along a route. ✓	✓ To know digital art tools usually have a choice of painting effects. ✓ To know the size of an onscreen painting tool brush stroke can be manipulated.	✓ To use a digital art tool to create an art piece in the style of the impressionists. ✓ To use digital tools to create different colours and textures.		Digital Art Impressionism Palette Style
2	Creating Pictures 2 - Set 2Paint A Picture as a 2Do. Learning Objective To create a digital art piece in a Pointillism style.	✓ To know digital art tools usually have a choice of painting effects. ✓ To know the size of an onscreen painting tool brush stroke can be manipulated.	✓ To use a digital art tool to create an art piece in the style of Pointillism. ✓ To use digital tools to help me draw outlines of people.	Palette Style	Pointillism Outline
3	Creating Pictures 3 - Set 2Paint A Picture as a 2Do. Learning Objective To create a digital art piece that is in the style of Piet Mondrian's work.	✓ To know digital art tools usually have a choice of painting effects. ✓ To know the size of an onscreen painting tool brush stroke can be manipulated.	✓ To use a digital art tool to create an art piece in the style of Piet Mondrian. ✓ To use digital tools to help me fill closed spaces.	Palette Style	De Stijl Fill Tool Horizontal Vertical

4	Being Safe in a Digital World – Online Relationships 1 & 2 - Set Unwanted Mail as a 2Do Learning Objective – Part 1 To give examples of how someone might use technology to communicate with others they don't also know offline and explain why this might be risky. Learning Objective – Part 2 To explain who I should ask before sharing things about myself or others online. ✓		✓ To give examples of how someone might use technology to communicate with others they don't also know offline. ✓ To explain why this might be risky. ✓ To explain who I should ask before sharing things about myself or others online.	Stranger Danger	Online communication Sensitive Information Identity Personal Information Permission
5	Being Safe in a Digital World – Online Relationships 3 & 4 Set Give, Refuse or Seek Permission Quiz as a 2Do Learning Objective – Part 3 To describe different ways to ask for, give, or deny my permission online and can identify who can help me if I am not sure.		✓ To give examples of different ways to ask for, give, or deny my permission online. ✓ To identify who can help me if I am not sure.	Permission	
6	Being Safe in a Digital World – Online Relationships 5 & 6 Set Who can help me? Survey as a 2Do. Learning Objective – Part 5 To identify who can help me if something happens online without my consent. Set Getting Help as a 2Do. Learning Objective – Part 6 To explain how it may make others feel if I do not ask their permission or ignore their answers before sharing something about them online.		✓ To identify who can help me if something happens online without my consent.	Permission Choices	Consent Respect



Year 2 Computing – Autumn 2 – Creating Pictures & Online Relationships



Paint Styles

Impressionism



Pointillism



De Stijl Piet Mondrian



Arts and Crafts William Morris



Digital art tools usually have a choice of painting effects.

vertical

parallel

horizontal

You can change the size of an onscreen painting tool brush.

Palette Tools

Colours



Eraser



Dilute Colour



Paint Fill



Stroke Width



Pattern Design



Pattern type

Pattern Type



Pattern Size

