



Year 2 - Autumn 2 - Computing Knowledge Organiser

What I already know...

Children gained inspiration from the story of Grace Darling and a range of artist' work, including Hokusai's The Great Wave off Kanagawa to develop and use a range of tools, including colours and lines, to create their own digital paintings. The unit concluded with learners considering their preferences when painting with and without the use of digital devices.

What I will learn...

Making Music

- To say how music can make us feel
- To identify that there are patterns in music
- To describe how music can be used in different ways
- To show how music is made from a series of notes
- To create music for a purpose
- To review and refine our computer work

Pictograms

- To recognise we can count and compare objects using tally charts
- To recognise objects can be represented as pictures
- To create a pictogram
- To select objects by attribute and make comparisons
- To recognise people can be described by attributes

Key Vocabulary

Pattern	The description of certain objects and object classes to be used
Pictogram	A pictorial symbol for a word or phrase
Digitally	By means of digital or computer technology.
Attribute	A piece of information which determines the properties of a field or tag in a database or a string of characters in a display.
Data	Facts and statistics collected together for reference or analysis.

Making a difference at home

- Online safety at home: always make sure you know how to stay safe when using your device at home. Remember to listen to your parents and the rules they may set.
- Continue to practice your computer skills at home so when you're in school you can use the laptop or computer competently.



Making a difference at The Merton

In our Creating Media learning, pupils will be using a computer to create music. They will listen to a variety of pieces of music and consider how music can make them think and feel. They will compare creating music digitally and non-digitally. Pupils will look at patterns and purposefully create music. In our Data and Information learning, pupils will begin to understand what the term data means and how data can be collected in the form of a tally chart. They will learn the term 'attribute' and use this to help them organise data. They will then progress onto presenting data in the form of pictograms and finally block diagrams. Learners will use the data presented to answer questions.

