Year 2 - Autumn 2 - Computing Knowledge Organiser

What I already know...

To start our computing learning this term, pupils looked at information technology at school and beyond, in settings such as shops, hospitals, and libraries.

They investigated how information technology improves our world, and they learned about using information technology responsibly.

What I will learn...

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
- To explain that we can present information using a computer

Online Safety is also taught explicitly within units and specifically when there is need in a year group.

Key Vocabulary

Pattern	The description of certain objects and object class es 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

Making a difference at The Merton

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.

Making a difference at home

- Explain to children that a pictogram is a chart that uses pictures or symbols to represent data.
- Point out that some pictograms will have a key. A key shows what each symbol represents. This link may be helpful: https://www.bbc.co.uk/bitesize/clips/zs4xn39
- Could you create a pictogram using objects at home? Fruit in the fruit bowl? Lego brick colours? Types of toys?