



Hallcroft Infant & Nursery School

Computing Knowledge Organiser



Autumn 2 - Year 1

Data Explorers

What we already know, remember and can do:

- Know that items can be placed into groups according to simple criteria eg. red and blue

	Learning Objective	Knowledge What children will know	Skills What children will do	Revisited Vocabulary	New Vocabulary
1	Data Explorers 1 Learning Objective To think carefully about the steps of grouping items.	✓ To know digital tools can be used to group images.	✓ To group items in different ways. ✓ To explain how I have grouped them.		Group Criteria
2	Data Explorers 2 - Set Grouping Quiz and Grouping Extension as a 2Do. Learning Objective To group items using a computer	✓ To know digital tools can be used to group images of items.	✓ To group items in different ways using the computer. ✓ To use the criteria to decide how to put an item into a group.	Group Criteria	
3	Data Explorers 3 - Set Sorting Quiz as a 2Do. Learning Objective To be able to sort different items.	✓ To know sorting is a way to organise items.	✓ To use criteria to decide how to sort items. ✓ To sort items in different ways using the computer.	Group Criteria	Sort
4	Data Explorers 4 Learning Objective To understand that data is information that can be collected and used.	✓ To know that data is information that can be collected and used.	✓ To explore how grouping and sorting items allows collection of data. ✓ To understand how collecting data can help to answer questions.	Group Sort Criteria	Data

5	Being Safe in a Digital World – Online Relationships 1 - Set Permission Quiz as a 2Do. Learning Objective To give examples of when I should ask permission to do something online and explain why this is important.		✓ To give examples of when I should ask permission to do something online and explain why this is important.	Online	Permission
6	Being Safe in a Digital World – Online Relationships 2 Learning Objective To use the internet with adult support to communicate with people I know (e.g. video call apps or services).		✓ To use the internet with adult support to communicate with people I know (e.g. video call apps or services).	Communicate	App Video Call
7	Being Safe in a Digital World – Online Relationships 3 - Set Being Kind 2Paint as a 2Do. Learning Objective To explain why it is important to be considerate and kind to people online and to respect their choices.		✓ To explain why it is important to be considerate and kind to people online and to respect their choices.	Kindness Internet Online	



Year 1 Computing – Autumn 2 – Data Explorers & Online Relationships



Criteria

Colour



Type

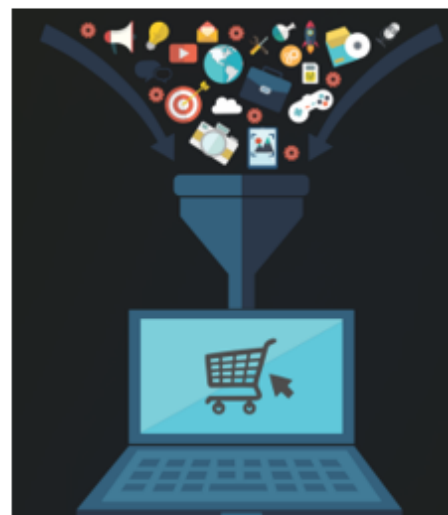


Digital tools
can be used to
group images.

Size



Sorting is
a way to
organise
items.



Data is
information
that can be
collected and
used.

Weather Pictogram

