

Series of 2-4 lessons



- In this unit, the children will sort items by different criteria away from the computer.
- At the computer, they will use Grouping on Purple Mash to sort items.
- Children who are not familiar with how to log in to Purple Mash and open and save activities will probably need support with this initially.
- These lesson plans can make use of the facility within Purple Mash to set activities for pupils which they then complete and hand in online (2Dos)

Objectives

- To sort items using a range of criteria
- To sort items on the computer using the 'Grouping' activities in Purple Mash

P Levels 7/8 Information Technology

- Create their own simple digital content
- Select media to convey information
- Present information by combining media, with support
- Present information and ideas by combining media independently
- Demonstrate understanding that information and media can be stored on a digital device

Resources

- Range of 3D shapes. Range of toys.
- Alternatively, use the pictures on Lesson 1 – Worksheet 1 – Objects to sort. You may want to enlarge these shapes to A4 size to make them easier to see. Lesson 1 – Worksheet 2 can be used to sort the shapes on.
- Purple Mash Grouping activities. These can be set as 2Dos for the children to easily locate them in Purple Mash.
 - Grouping Activity – Shape Colour https://www.purplemash.com/app/pup/shape_colour_group
 - Grouping Activity – Shapes Sides 1 https://www.purplemash.com/app/pup/shape_sides_1
 - Grouping Activity – Shapes Sides 2 https://www.purplemash.com/app/pup/shape_sides_2
 - Grouping Activity – Shapes and Colour https://www.purplemash.com/app/pup/shape_and_colour
- Make sure that you have the Purple Mash shortcut icon ready on the desktop or tablet to save time when the children are logging in.

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Activities

Detailed lesson Plans from Purple Mash can be found in the teachers section Computing Scheme of work under year 1 Unit 1.2

This lesson plan contains 2 Lessons

1. Sorting away from the Computer
2. Sorting on the Computer