

Data Sorting

Before we can make sense of information, we often need to organise it. Sort, group, and explain your thinking on each page below.

Name: _____ Class: _____ Date: _____

Part 1 — Sort the Objects

Look at the objects provided. How would you group them?

My groups:

Group 1:

Group 2:

Group 3:

What rule did you use?

Part 2 — Sort It Another Way

Use the same objects again. Can you organise them differently?

My new rule:

Part 3 — Find My Rule

Look at the groups below.

Group A: 2, 4, 6, 8

Group B: 1, 3, 5, 7

What do you think the rule is?

Part 4 — The Difficult One

An animal can live both on land and in water. Where would you classify it?

☐ Land animals

☐ Water animals

☐ Both

☐ Other: _____

Explain your choice:

Part 5 — Create Your Own

Create a collection of objects or information for someone else to sort.

My collection:

My sorting rule:

Can someone else figure out my rule?

Part 6 — Think Like AI

What did you look at when deciding how to group the information?

Could the same information be sorted in another way?
