

Numeracy Skills for Science

Making Tables - Level 3

I can work collaboratively, making appropriate use of technology, to source information presented in a range of ways, interpret what it conveys and discuss whether I believe the information to be robust vague or misleading.

MNU 3-20a

Task 1 – Showing Information in a Table

Read pages 2 – 4.

This will provide you with detailed information with examples on :-

1. Reasons for showing information in a table
2. How to Display Information in a Table

Scientists use Tables to display information because:

- It is easier to find information in the Table.
- The information is organized in a logical, methodical way.
- The reader can ignore all the information he does not need

Task 2 – Constructing Your Own Tables

The remainder of this booklet provides information about tables that can be related to Biology, Chemistry and Physics. This information is summarised in the table below.

Biology	Chemistry	Physics
The Heart	Alluminium	Electrical Appliances
Roots	Hardness of Minerals	Electrical Energy
Blood Groups	Acids and Alkalis	Cost of Electricity
Smokers	Reale Ale	Energy
Insects		Noise
Oceans		
Fish In Rivers		
Wrens		
Three Bears		
Nocturnal Animals		

Your task is to prepare the six tables listed below.

Biology	Chemistry	Physics
The Heart	Alluminium	Electrical Appliances
Insects	Acids and Alkalis	Noise

Numeracy Skills for Science

Making Tables - Level 4

I can evaluate and interpret raw and graphical data using a variety of methods, comment on relationships I observe within the data and communicate my findings to others. **MNU 4-20a**

Task 1 – Reasons for Showing Information In A Table

Read page 2

Scientists use **Tables** to display information because:

- It is easier to find information in the Table.
- The information is organized in a logical, methodical way.
- The reader can ignore all the information he does not need.

Task 2 – How To Display Information In A Table

Read page 3 and 4

At Level 4, you will be given a table **without headings**, and asked to insert the information.

Insert the headings.

- Look back at the information and fill in the entries table for each table heading.

Task 3 – Constructing Your Own Tables

The remainder of the booklet provides information about tables related to Biology, Chemistry and Physics. This information is summarised below.

Biology	Chemistry	Physics
Plasma	Drugs	Hydroelectric Dams
Birds	Isotopes	
Diseases	Plastics	
Bears	More About Plastics	
Plant Groups	Steels	
Lemurs	Pencils	
Smoking Habits	Diamonds	
Migration	Types of Coal	
The Mountain Ecosystem	Indicators	
Turtles, Tortoises & Terrapins		
Reptiles and Amphibians		

Your task is to prepare the five tables listed below .

Biology	Chemistry	Physics
Diseases	Isotopes	Hydroelectric Dams
The Mountain Ecosystem	Plastics	