

Access to H.E. National Programme Unit



Unit Title:	Use of Number: Data Handling and Probability	Ungraded Unit Code:	UD23DEV02
Pathway(s):	All Pathways		
Module(s):	Developmental		
Level:	2	Credit Value:	3
Valid from:	11 th November 2019	Valid to:	31 st July 2025

LEARNING OUTCOMES	ASSESSMENT CRITERIA
The learner will:	The learner can:
1. Understand data and data collection	1.1 Distinguish between qualitative, discrete and continuous data
	1.2 Explain the advantage of grouped data in certain circumstances
	1.3 Extract data from printed tables and lists
	1.4 Design and use data collection sheets, including tally tables, two-way tables and tables for grouped data
	1.5 Explain the term 'bias' and give reasons why it may occur
2. Understand data representation and analysis	2.1 Construct a variety of charts and diagrams to represent data, including scatter graphs, pictograms, bar charts, pie charts, line graphs and frequency polygons
	2.2 Interpret data represented as pictograms, dual bar charts, pie charts, line graphs and histograms with unequal class intervals
	2.3 Use data to calculate mean, median, range, mode and modal class (for grouped data)
3. Understand the principles and everyday uses of probability	3.1 Describe probabilities qualitatively using terminology to include, "certain", "very

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	likely", "evens", "impossible", etc
	3.2 Represent probabilities using fractions, decimals and percentages
	3.3 Calculate the probabilities of mutually exclusive events and compare these with experimental results
	3.4 Solve problems involving the probabilities of successive mutually exclusive and of successive independent events