

Chapter 4

Contents of Curriculum

I. Learning Targets of Key Stages 1 and 2

Key Stage 1 (P1-P3)	Key Stage 2 (P4-P6)
DIMENSION : NUMBER	
Learners <ul style="list-style-type: none">• understand and manipulate whole numbers;• understand simple fractions;• examine the reasonableness of results;• formulate and solve simple problems involving numbers.	Learners <ul style="list-style-type: none">• understand whole numbers, fractions, decimals, percentages and the relations among them;• manipulate numbers and examine the reasonableness of results;• formulate and solve problems involving numbers.
DIMENSION : SHAPE AND SPACE	
Learners <ul style="list-style-type: none">• identify, describe and group 2-dimensional & 3-dimensional shapes;• recognize intuitively the elementary properties of 3-dimensional shapes;• recognize the properties of 2-dimensional shapes;• make 2-dimensional and 3 dimensional shapes from given information;• recognize, describe and appreciate shapes;• identify the four directions.	Learners <ul style="list-style-type: none">• understand the properties of 2-dimensional and 3-dimensional shapes;• group and make 2-dimensional and 3-dimensional shapes;• identify the eight compass points.

I. Learning Targets of Key Stages 1 and 2 (Cont'd)

Key Stage 1 (P1-P3)	Key Stage 2 (P4-P6)
DIMENSION : MEASURES	
<p>Learners</p> <ul style="list-style-type: none"> • choose and use a variety of non-standard units to record results in basic measuring activities; • understand the need for using standard units of measurement; • select appropriate measuring tools and standard units of measurement; • integrate the knowledge of Number, Measures, Shape and Space to solve simple problems in measurement. 	<p>Learners</p> <ul style="list-style-type: none"> • choose and use a variety of non-standard and standard units to record results in various measuring activities; • select and justify appropriate measuring tools and standard units of measurement; • recognize the degree of accuracy and the approximate nature of measurement; • inquire and use simple measurement formulae; • integrate the knowledge of Number, Measures, Shape and Space to formulate and solve simple problems in measurement.
DIMENSION : DATA HANDLING	
<p>Learners</p> <ul style="list-style-type: none"> • collect, compare and group discrete statistical data according to given criteria; • construct and read simple statistical graphs showing relations among data; • formulate and solve simple problems arising from collected data and constructed graphs. 	<p>Learners</p> <ul style="list-style-type: none"> • understand the criteria for organizing and grouping discrete statistical data; • apply simple arithmetic and appropriate scales in constructing and interpreting more complex statistical graphs; • show relationships among data using a variety of statistical and graphical representations; • recognize relations and patterns from graphs; • formulate and solve problems arising from collected data and constructed graphs.

I. Learning Targets of Key Stages 1 and 2 (Cont'd)

Key Stage 1 (P1-P3)	Key Stage 2 (P4-P6)
DIMENSION : ALGEBRA	
The ALGEBRA Dimension is not included at this key stage.	Learners <ul style="list-style-type: none">• use symbols to represent numbers;• communicate simple mathematical facts and relations using symbols;• formulate and solve simple problems and examine the reasonableness of results.