LEVELS 3 TO 4

4

3

USE MODE AND RANGE

GROUP DATA IN EQUAL RANGES

HANDLING DATA

EXTRACT AND INTERPRET INFORMATION IN SIMPLE TABLES AND LISTS

CONSTRUCT AND INTERPRET BAR CHARTS AND PICTOGRAMS

DRAW AND USE LINE GRAPHS
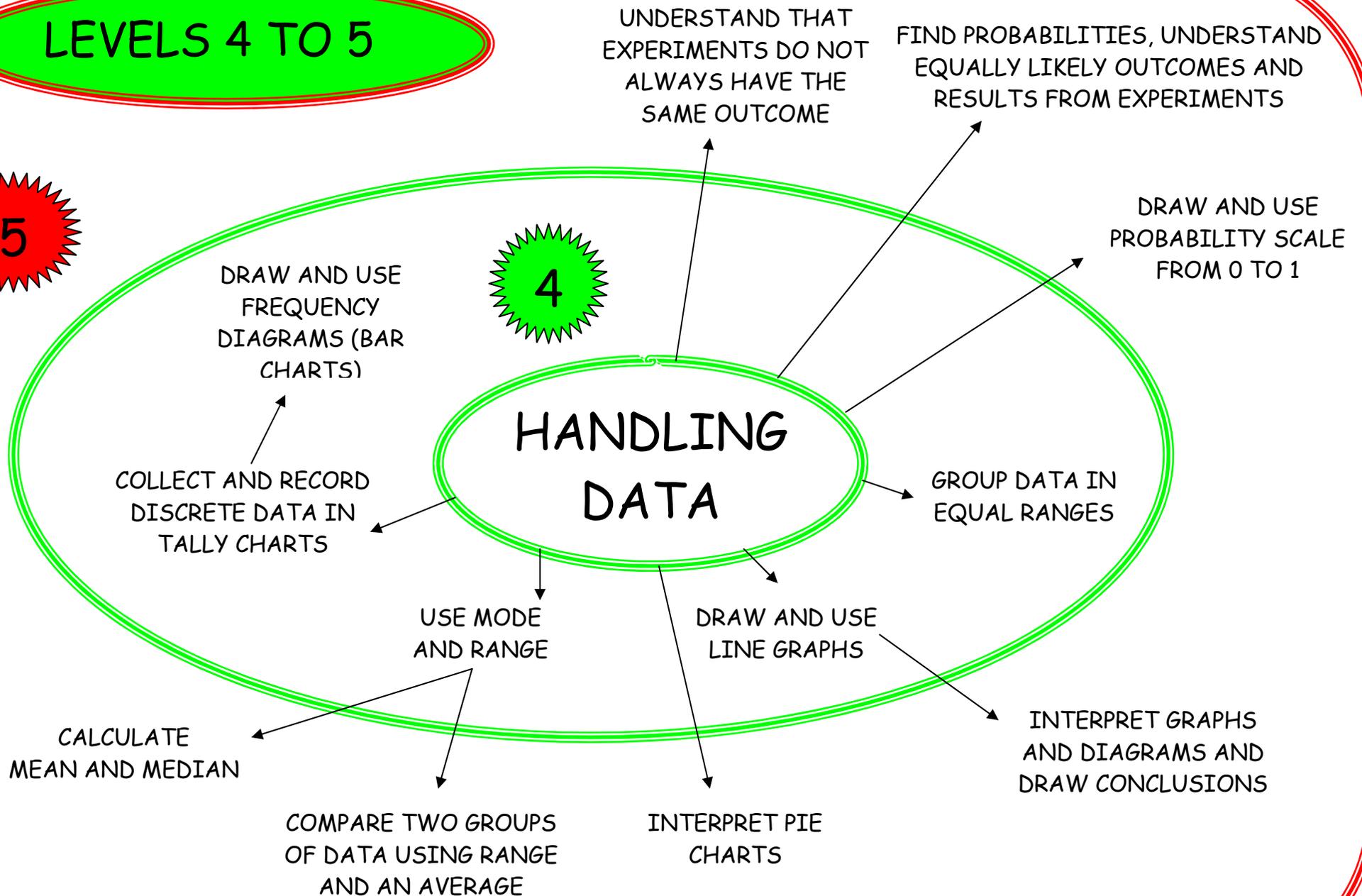
DRAW AND USE FREQUENCY DIAGRAMS (BAR CHARTS)
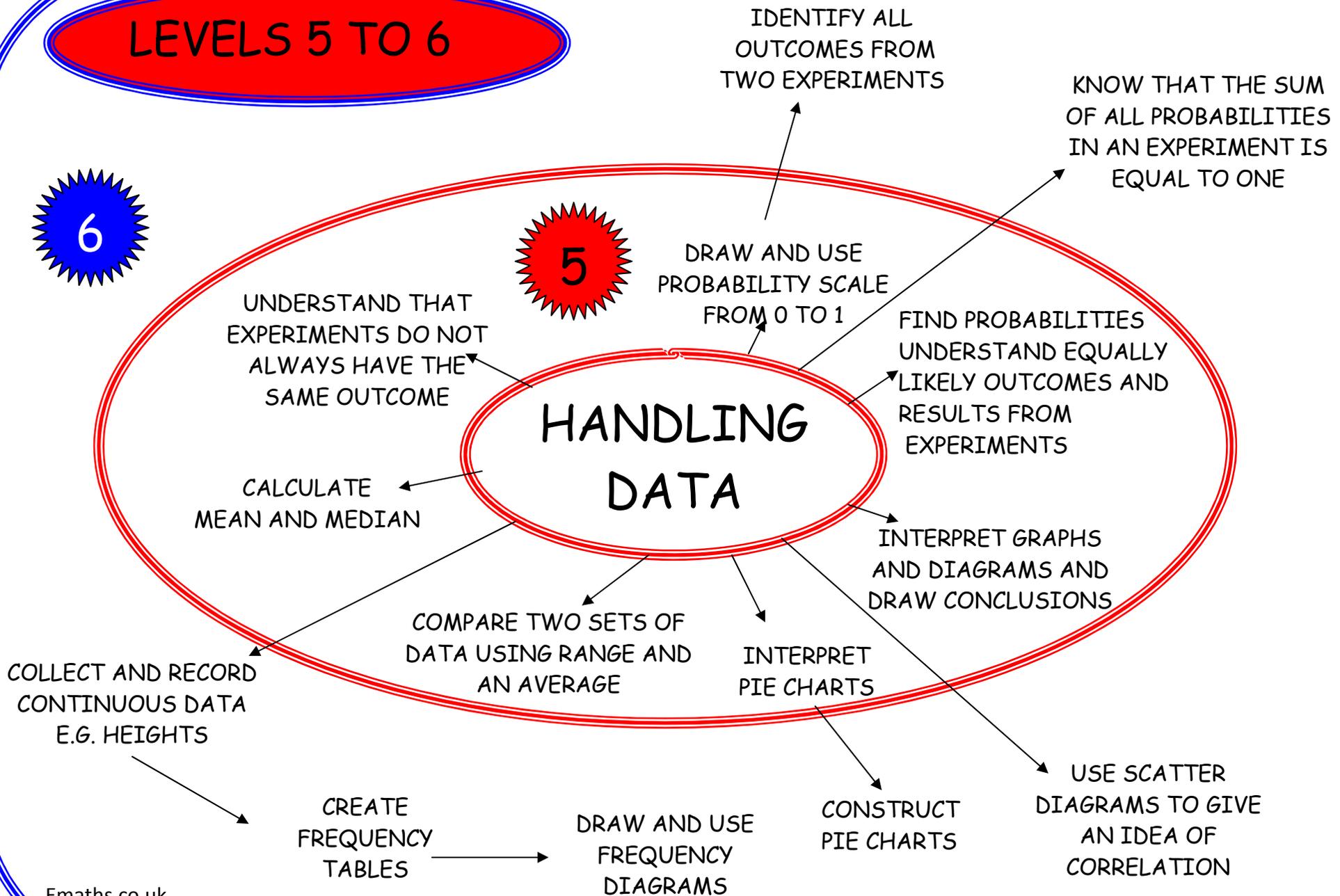
COLLECT AND RECORD DISCRETE DATA IN TALLY CHARTS

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6

5

IDENTIFY ALL OUTCOMES FROM TWO EXPERIMENTS

KNOW THAT THE SUM OF ALL PROBABILITIES IN AN EXPERIMENT IS EQUAL TO ONE

DRAW AND USE PROBABILITY SCALE FROM 0 TO 1

UNDERSTAND THAT EXPERIMENTS DO NOT ALWAYS HAVE THE SAME OUTCOME

FIND PROBABILITIES UNDERSTAND EQUALLY LIKELY OUTCOMES AND RESULTS FROM EXPERIMENTS

HANDLING DATA

CALCULATE MEAN AND MEDIAN

INTERPRET GRAPHS AND DIAGRAMS AND DRAW CONCLUSIONS

COLLECT AND RECORD CONTINUOUS DATA E.G. HEIGHTS

COMPARE TWO SETS OF DATA USING RANGE AND AN AVERAGE

INTERPRET PIE CHARTS

USE SCATTER DIAGRAMS TO GIVE AN IDEA OF CORRELATION

CREATE FREQUENCY TABLES

DRAW AND USE FREQUENCY DIAGRAMS

CONSTRUCT PIE CHARTS

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LEVELS 6 TO 7

7

6

HANDLING DATA

UNDERSTAND BIAS

COMPARE DISTRIBUTIONS USING FREQUENCY POLYGONS

IDENTIFY ALL OUTCOMES FROM TWO EXPERIMENTS

CONSTRUCT PIE CHARTS

KNOW THAT THE SUM OF ALL PROBABILITIES IN AN EXPERIMENT IS EQUAL TO ONE

COLLECT AND RECORD CONTINUOUS DATA E.G. HEIGHTS

CREATE FREQUENCY TABLES

DRAW AND USE FREQUENCY DIAGRAMS

USE SCATTER DIAGRAMS TO GIVE AN IDEA OF CORRELATION

DRAW LINES OF BEST FIT ON SCATTER DIAGRAMS

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GIVE AND TEST A HYPOTHESIS TO A SITUATION

UNDERSTAND RELATIVE FREQUENCY

USE GROUPED DATA TO FIND THE MODAL CLASS AND ESTIMATES OF THE MEAN, MEDIAN AND RANGE
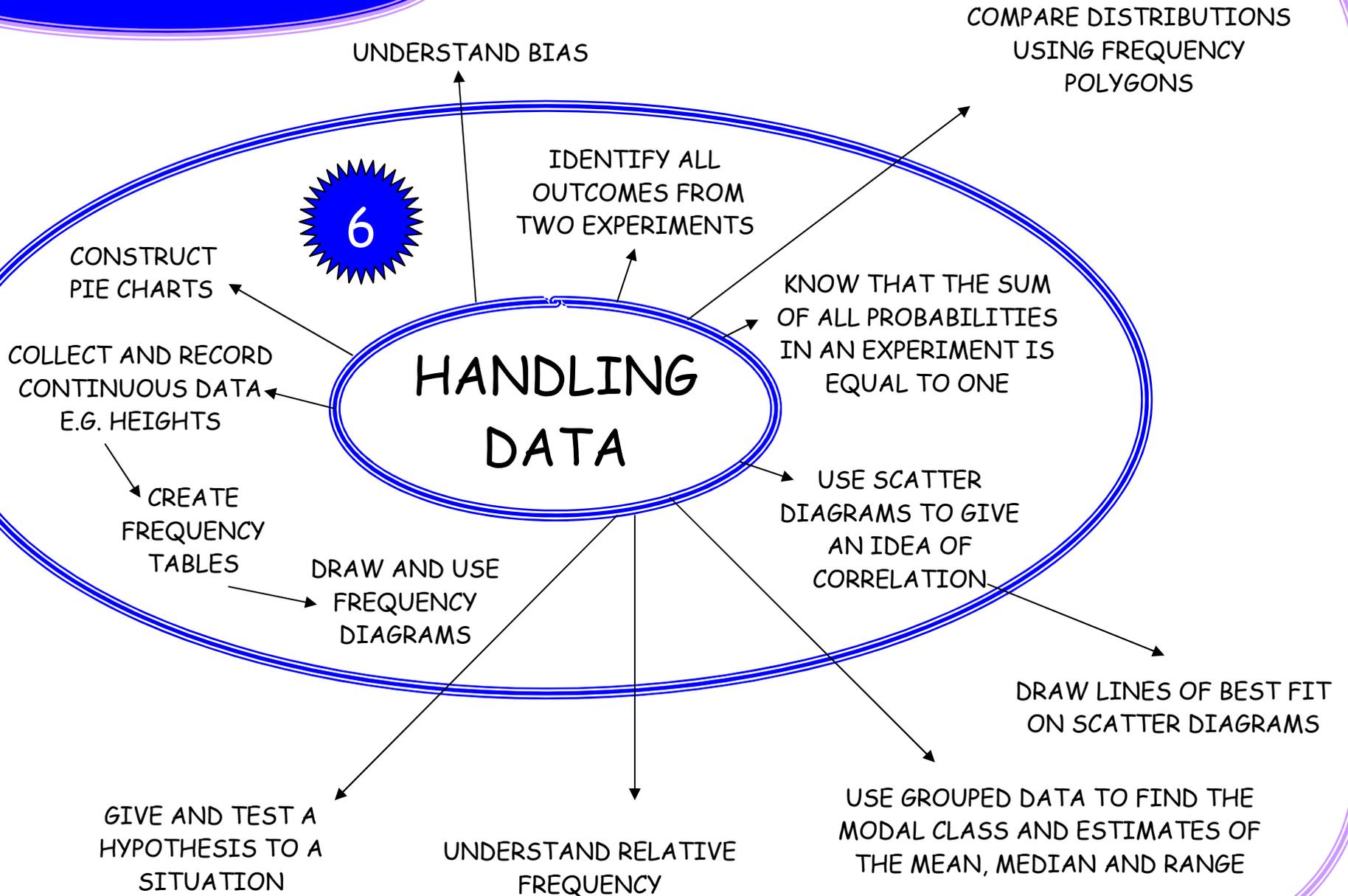
LEVELS 7 TO 8

8

7

HANDLING DATA

INTERPRET AND CONSTRUCT CUMULATIVE FREQUENCY GRAPHS

USE CF GRAPHS TO FIND MEDIAN AND INTER-QUARTILE RANGE

COMPARE DISTRIBUTIONS USING FREQUENCY POLYGONS

UNDERSTAND BIAS

GIVE AND TEST A HYPOTHESIS TO A SITUATION

DRAW LINES OF BEST FIT ON SCATTER DIAGRAMS

UNDERSTAND RELATIVE FREQUENCY

USE GROUPED DATA TO FIND THE MODAL CLASS AND ESTIMATES OF THE MEAN, MEDIAN AND RANGE

CALCULATE THE PROBABILITY OF A COMPOUND EVENT