

## LEARNING OUTCOMES

## Level 4

$>$ Record data in a table

Level 5
Interpret the data in a pie chart and bar chart

## Level 6

> Calculate the angles required to draw apie chart

## PENDUUUM EXPERMENT

- You are going to measure how long it takes for differ ent length pendulums to swing
- We will record our data in a table
- A table is a type of chart



## KEY SKILL FOR TABLES!

- Tables should be drawn neatly with pencil and ruler
- All headings must have a unit
- All numbers in a column must be give to equal decimal places

| Use the scoring grid below to award a mark out of 8 for their table. |  |  |
| :---: | :---: | :---: |
| Criteria | Description | Check |
| What goes where | I have recorded the independent variable in the left hand column |  |
| What does where | I have recorded the dependent variable in the middle column |  |
| What does where | I have a column for any numbers worked out on the right hand side of my table |  |
| Title | My table has a suitable title, that tells you what the data in the table is about |  |
| Headings | Each column in my table has a suitable heading |  |
| Units | I have added correct units to my dependent and independent columns (i.e. seconds, cm) |  |
| Level of precision | All data (including any averages) are recorded to the same level of precision (i.e. to 1 decimal place) |  |
| Presentation | I have used a pencil and ruler to draw my table |  |



## OTHER TYPES OF CHARTS

- You could display Jeff's data in a chart that would be easier to look at quickly
- A bar chart!



## DRAWING BAR CHARTS




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$1 . \frac{\text { Interpret the data in a pie chart and bar chart }}{}$

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