## Overview

## Statistics we learn to


-Read and interpret line graphs -Draw line graphs
-Use line graphs to solve problems
-Read/ interpret tables -Read/interpret pie charts -Circles
-Pie Charts with Percentages -The mean

## This learning is important because...

...it helps us to read and understand information. We can make use of information to answer important questions. It also helps us to think critically to solve problems.

| Tables and Timetables |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Reading and Understanding Tables |  | Football Club Season Ticket Prices |  |  |  |
| -In order to understand the data in tables, we need to read the title and headings of the table carefully. |  | $\begin{aligned} & \text { tickit } \\ & \text { crep } \end{aligned}$ |  |  | Standaro |
|  |  | Nout |  | 810 | 231 |
|  |  | bst |  | 810 | 526 |
| -When looking at a piece of information, we need to ensure that we carefully read the headings that it falls under. E.g. for someone who is under 18 , looking for a standard season ticket in a gold seating zone, they would need to look for the highlighted box. |  |  |  | ${ }_{510}^{510}$ | ${ }_{521}^{517}$ |
|  |  | U12 |  | 58 | slos |
|  |  |  |  | ges | cose |
|  |  | 9285 |  | 529 |
|  |  | nouta 7 \% | s198 | 505 |
|  |  |  | 15 | (1) |
| Completing Tables <br> -We can complete tables using given information. <br> -e.g. To find how many Year 9s voted for basketball, subtract football from Year 9 total. <br> -Once Year 9 basketball and Year 10 football have been inputted, we can find the totals by | Year 9 and Year 10 Favourite Sports |  |  |  |  |
|  |  |  | Footbal | Basketball |  | Total |
|  | Year9 |  | 45 |  |  | 102 |
|  | Year 10 |  |  | 32 |  | 101 |
|  | Total |  |  |  | 203 |

Timetables are tables that show when activities or events will happen. Timetables are often used to show the departure and arrival times of trains, buses and planes.

The diferent buses


-We need to look at both headings to make sure we catch the correct bus.
-E.g. if we want to catch Bus C from the hospital, we need C from the hospital, we need
to look at the different buses to look at the different buses
and the bus stops headings. This bus departs at 12.42.

Key Vocabulary

| Interpret | Timetable | Value | Predict | Table | Continuous | Discrete | X Axis | $Y$ Axis | Scale | Survey | Tally | Represent |
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