

## Tables

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Tables look a bit scary and difficult to keep track of at first, however, once you know what you're looking for they are really quite easy! Take a look at this piece of code (I have added the table's grid-lines to make it easier to visualise)

```
<table>

<tr> <td><b>Name</b></td> <td><b>Number</b></td> <td><b>Language</b></td> </tr>
<tr> <td>John Jones</td> <td>654321</td> <td>English</td> </tr>
<tr> <td>Dave Smith</td> <td>654322</td> <td>German</td> </tr>
<tr> <td>Mark White</td> <td>654323</td> <td>English</td> </tr>
<tr> <td>Steve Wilson</td> <td>654324</td> <td>French</td> </tr>

</table>
```

That should come out looking something like this...

Name	Number	Language
John Jones	654321	English
Dave Smith	654322	German
Mark White	654323	English
Steve Wilson	654324	French

## Elements of a table:

<table></table> Start and finish where the table is on the page. You use these instead of a <p></p>

<tr></tr> Start and finish a row (TR stands for Table Row)

<td></td> Start and finish a cell in a row (TD stands for Table Data)

Each <tr></tr> (row) in your table should have the same number of <td></td> (cells).

You can add most of the parameters of a <p> (such as 'align') to a <table>, <tr> or <td>.

<table align="center"> centres the table on your page

<tr align="center"> centres everything in that row of the table

<td align="center"> centres anything within that cell

You can put virtually anything we've covered already into a cell, such as text, images, & hyperlinks.

Remember to think of a <td> like a <p> - or like a box open on its side. Your container has a beginning and an end – and what you put into it is up to you... but make sure you've closed it afterwards, as otherwise the contents (such as alignment, <font> and <b>, <i> etc. tags) will leak into the boxes which follow!

If you want to leave a cell empty, you must still put it in, but put one of those 'non-breaking spaces' (&nbsp;) in there to 'hold it open'.

## Additional Parameters:

Parameter	Values	Effect	Applies to element		
			<table>	<tr>	<td>
Align=""	left, center, right, justify	Alters the horizontal alignment of the element	Yes	Yes	Yes
Valign=""	top, middle, bottom	Alters the vertical alignment of the element	Yes	Yes	Yes
Bgcolor=""	See colors handout	Alters the background color of the element	Yes	Yes	Yes
Border=""	Any whole number	Defines how many pixels thick you want the gridlines to be. 0 = invisible.	Yes	No	No
Colspan=""	The number of cells you wish to merge into 1	Makes the defined number of cells 'merge' together to create one longer cell on that row.	No	Yes	No
Rowspan=""	The number of rows you wish to merge into 1	Makes the defined number of rows 'merge' together to create one taller cell in that column.	No	Yes	No