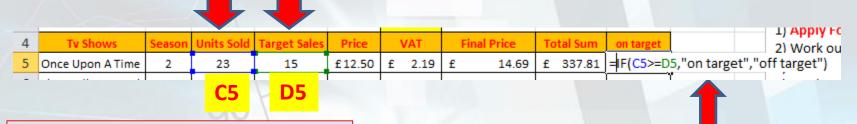
Spreadsheets - Project

Computer Shop

100

Starter – IF Statement

If the units sold is more than or equal to the targets sales than the target has been met.



1. Logical Test

Is units sold more than or equal to the target sales.

2. If the statement is true then the "true statement" will be printed in the cell.

3. If the statement is false then the "false statement" will be printed in the cell.



1. Logical Test

2. True

3. False



Greater/Less
Than and
equal to

Project Overview

Objectives

Understand the effects of changing data within your spreadsheet (modelling).

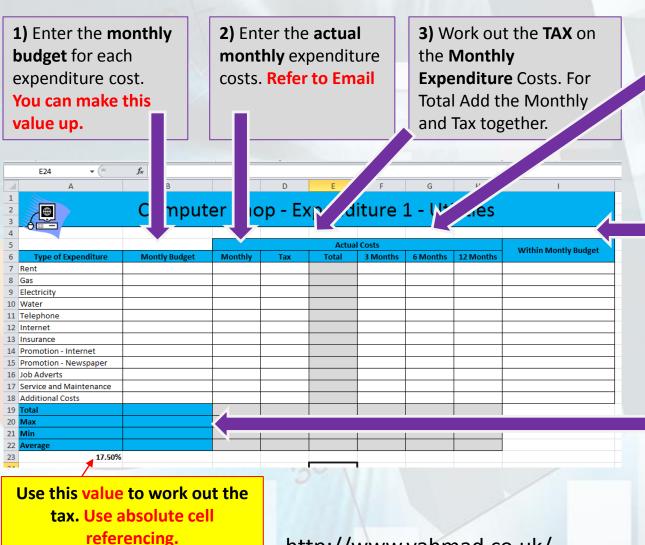
Understanding the need to present information in different forms (graphs)

Understanding the use of complex formulas and function (If statements)

Understand the need to test formulas and functions for errors making necessary changes and identify improvements.

Outco	nes	Time
Task 1	Expenditure 1 - Utilities	150
Task 2	Expenditure 2 - Salaries	
Task 3	Income - Sales	
Task 4	Graphs	

Task 1 – Expenditure 1 - Utilities



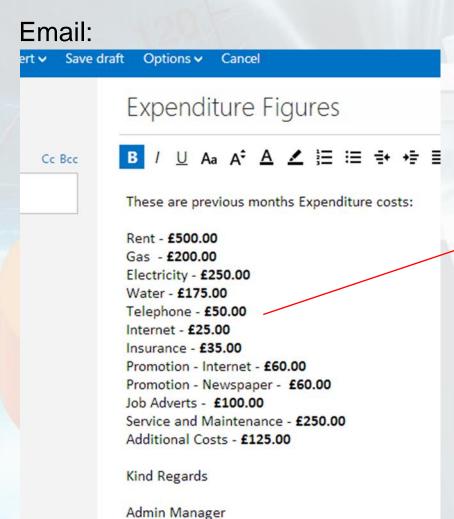
4) Work out the expenditure costs for 3, 6 and 12 months.

5) Write an IF statement to state whether the actual monthly cost is within the budget.

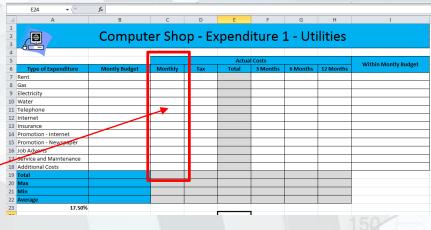
True - Within Budget False - Over Budget

6) Enter the Total, Max, Min and Average Functions for the shaded columns.

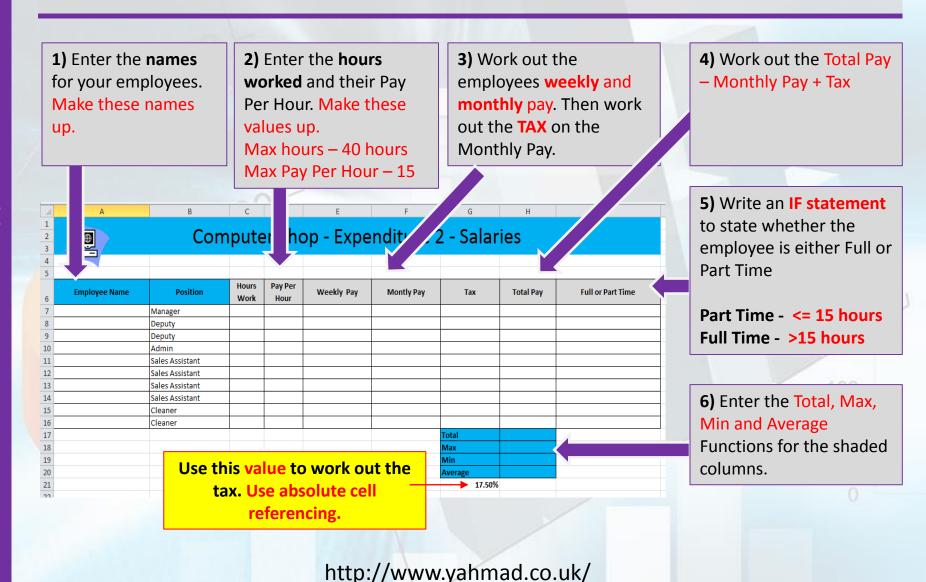
Task 1 – Expenditure 1 - Utilities



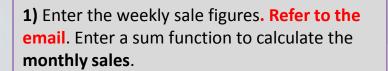
Actual monthly expenditure costs.



Task 2 – Expenditure 2 - Salaries



Task 3 – Income - Sales



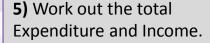
2) Work out the Total.

Monthly Sales * Cost.

Work out the Tax on the

Total Figure

4) Add the **Total** and **Tax** together.



Then Enter a **IF statement** to work out if the shop is in profit.

If Sales is More than the expenditure total then you are in profit. If not you have made a loss.



6) Enter the Total, Max, Min and Average Functions for the shaded columns.

Task 3 – Income - Sales

Email:

Sales Figures

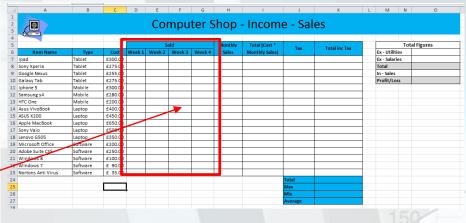
 $B \hspace{0.4cm} / \hspace{0.4cm} \underline{\cup} \hspace{0.4cm} Aa \hspace{0.4cm} A^{\updownarrow} \hspace{0.4cm} \underline{A} \hspace{0.4cm} \underline{\angle} \hspace{0.4cm} \boxminus \hspace{0.4cm} \boxminus \hspace{0.4cm} \boxminus \hspace{0.4cm} \biguplus \hspace{0.4cm} \blacksquare \hspace{0.4cm} \hspace{0.4cm} \blacksquare \hspace{0.4cm} \blacksquare \hspace{0.4cm} \hspace{0.4cm} \blacksquare \hspace{0.4cm} \hspace{0.4cm} \blacksquare \hspace{0.4cm} \hspace{0.4cm} \blacksquare \hspace{0.4cm} \blacksquare$

These are previous months sales figures:

Item Name	Week 1	Week 2	Week 3	Week 4
lpad	23	34	53	23
Sony Xperia	21	32	23	32
Google Nexus	5	3	2	5
Galaxy Tab	5	10	8	9
Iphone 5	23	40	10	12
Samsung <u>s4</u>	12	34	54	10
HTC One	2	5	7	8
Asus VivoBook	1	2	4	3
ASUS X200	5	6	5	2
Apple MacBook	11	2	4	13
Sony Vaio	12	4	12	3
Lenovo G505	3	6	3	4
Microsoft Office	12	3	4	9
Adobe Suite CS5	5	4	3	12
Windows 8	6	12	17	12
Windows 7	1	2	4	2
Nortons Anti Virus	5	4	4	3

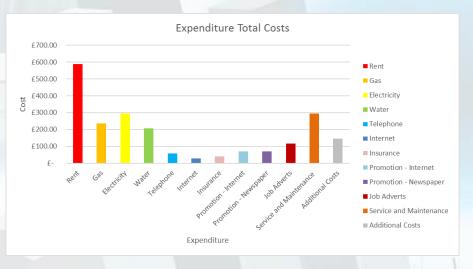
Kind Regards

Enter the sales figures in the cells shown below.



Task 4 – Creating Graphs

1							_			
2			Compute	er	Sho	g	- Ех	(p	end	it
3			•			•		_		
4										Ц
5									Actua	I C
6	Type of Expenditure		Montly Budget	Monthly			Tax		Total	
7	Rent	£	600.00	£	500.00	£	87.50	£	587.50	L
8	Gas	£	200.00	£	200.00	£	35.00	£	235.00	
9	Electricity	£	350.00	£	250.00	£	43.75	£	293.75	
10	Water	£	175.00	£	175.00	£	30.63	£	205.63	
11	Telephone	£	60.00	£	50.00	£	8.75	£	58.75	
12	Internet	£	25.00	£	25.00	£	4.38	£	29.38	
13	Insurance	£	45.00	£	35.00	£	6.13	£	41.13	
14	Promotion - Internet	£	60.00	£	60.00	£	10.50	£	70.50	
15	Promotion - Newspaper	£	40.00	£	60.00	£	10.50	£	70.50	
16	Job Adverts	£	100.00	£	100.00	£	17.50	£	117.50	
17	Service and Maintenance	£	200.00	£	250.00	£	43.75	£	293.75	
18	Additional Costs	£	125.00	£	125.00	£	21.88	£	146.88	
					- 1		- 10			



Create a vertical bar chart to show the total cost for each expenditure. Include the following:

- Legend
- Suitable Title
- Axis Labels

Task 4 – Creating Graphs

-+							
5				Sold			
6	Item Name	Туре	Cost	Week 1	Week 2	Week 3	Week 4
7	Ipad	Tablet	£300.00	23	34	53	23
8	Sony Xperia	Tablet	£275.00	21	32	23	32
9	Google Nexus	Tablet	£255.00	5	3	2	5
10	Galaxy Tab	Tablet	£275.00	5	10	8	9

Create a vertical bar chart to show the weekly sales for each tablet. Include the following:

- Legend
- Suitable Title
- Axis Labels



Plenary – Refer to the Lesson Objectives

Objectives

Understand the effects of changing data within your spreadsheet (modelling).

Understanding the need to present information in different forms (graphs)

Understanding the use of complex formulas and function (If statements)

Understand the need to test formulas and functions for errors making necessary changes and identify improvements.

Plenary Task (Q&A)

Discuss why you would use a spreadsheet to complete this task.