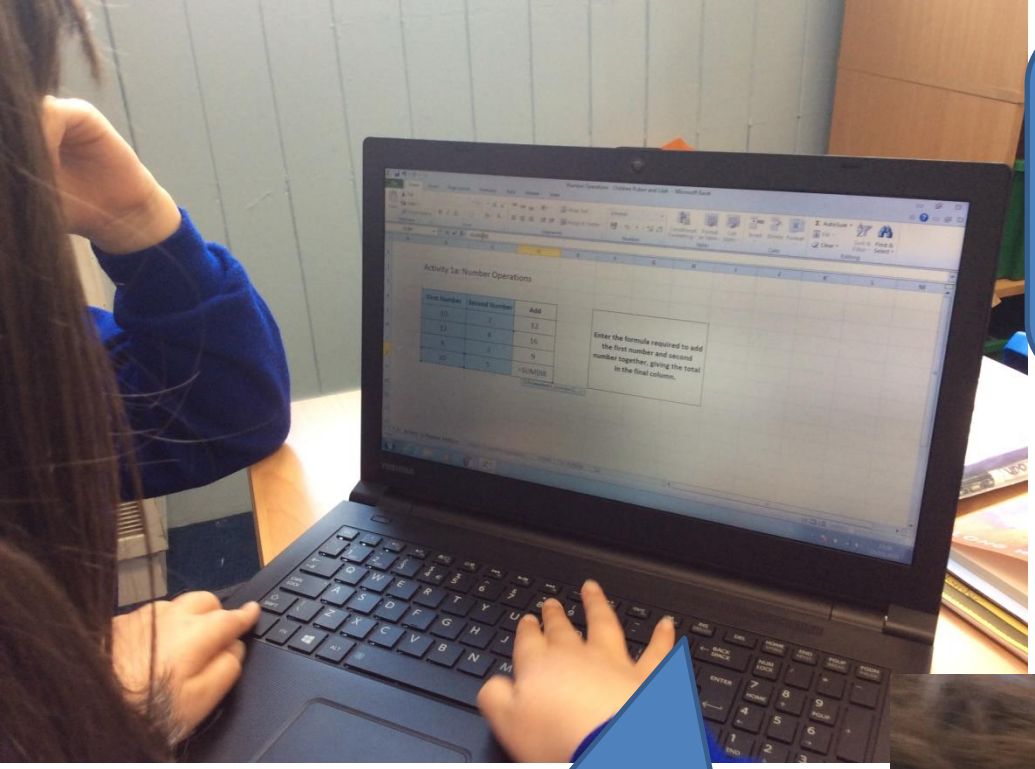
Spreadsheets Computing

Autumn 2020

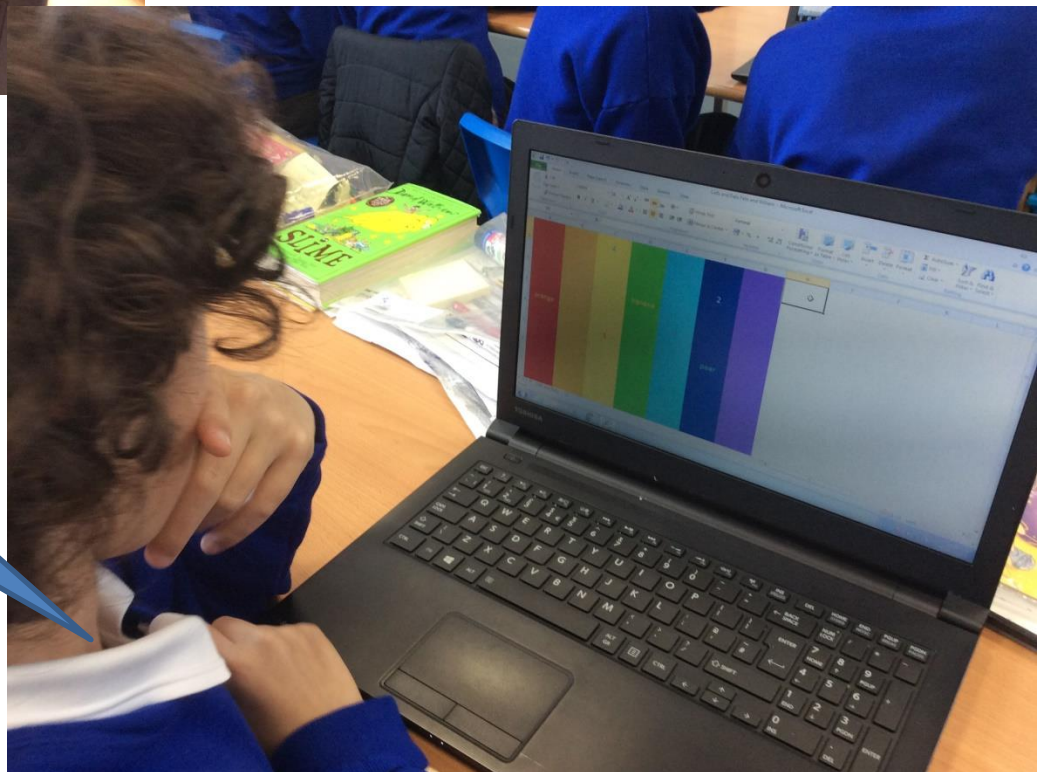
Class Lynher



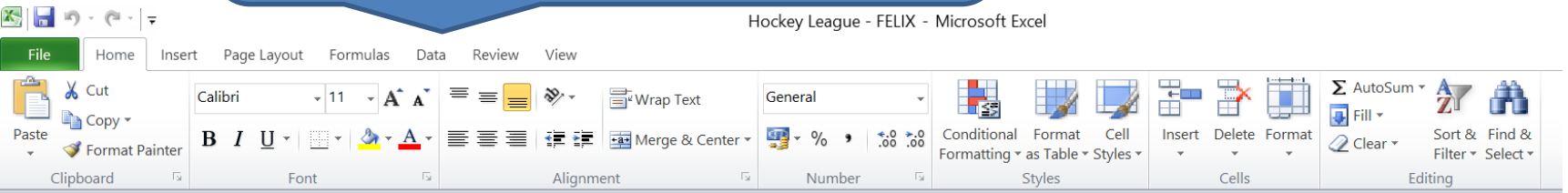
We learnt what a spreadsheet is and how to format it

We used SUM to add things together

Each box is a cell



We carried out different calculations.



Hockey League Table

	Team	Matches	Won	Drawn	Lost	Points	Goals For	Goals Against	Goal Diff
1	Sheffield	13	11	1	1	34	56	14	42
2	Birmingham	14	10	1	3	31	52	17	35
3	Cardiff	11	7	0	4	21	40	19	21
4	Doncaster	12	6	2	4	20	43	31	12
5	Brighton	12	5	0	7	15	32	38	-6
6	Cambridge	13	4	1	8	13	25	31	-6
7	Exeter	14	2	3	9	9	14	49	-35
8	Wimbledon	11	3	0	8	9	16	45	-29

3 points for a win
1 point for a draw
0 points for losing

Goal Diff = Goals For - Goals Against

The cells coloured in blue need to be calculated automatically using a formula. Can you create the correct formula in each column to complete the league table?

How can you copy an equation so it does the same for the next row?

Copy of hockey league 2 Lara - Microsoft Excel

File | Home | Insert | Page Layout | Formulas | Data | Review | View

Cut | Copy | Format Painter | Paste | Clipboard
Calibri | 11 | Font
Wrap Text | Merge & Center | Alignment
General | Number
Conditional Formatting | Format as Table | Cell Styles | Styles
Insert | Delete | Format | Cells
AutoSum | Fill | Clear | Sort & Filter | Find & Select | Editing

H4 | Points

Hockey League Table

	Team	Matches	Won	Drawn	Lost	Points	Goals For	Goals Against	Goal Diff
1	Sheffield	13	11	1	1	34	56	14	#NAME?
2	Birmingham	14	10	1	3	31	52	17	
3	Cardiff	11	7	0					
4	Doncaster	12	6	2					
5	Brighton	12	5	0					
6	Cambridge	13	4	1					
7	Exeter	14	2	3					
8	Wimbledon	11	3	0					

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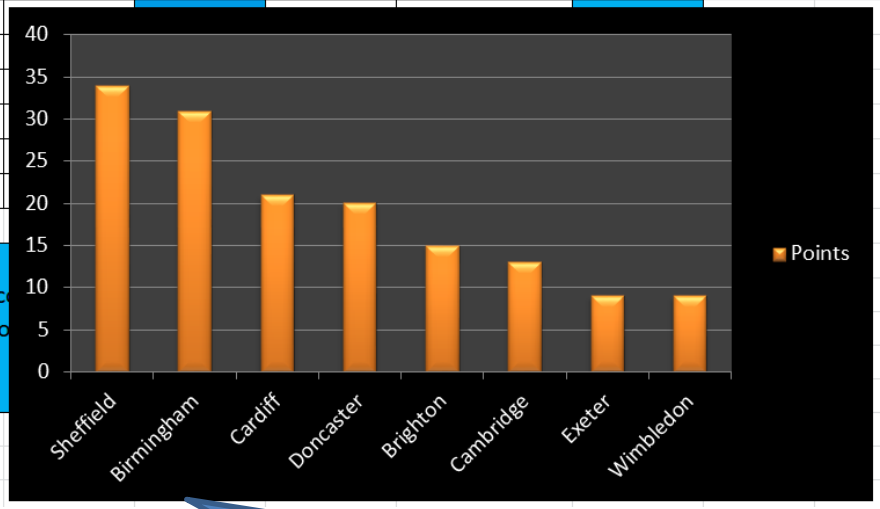
The cells c
using a fo

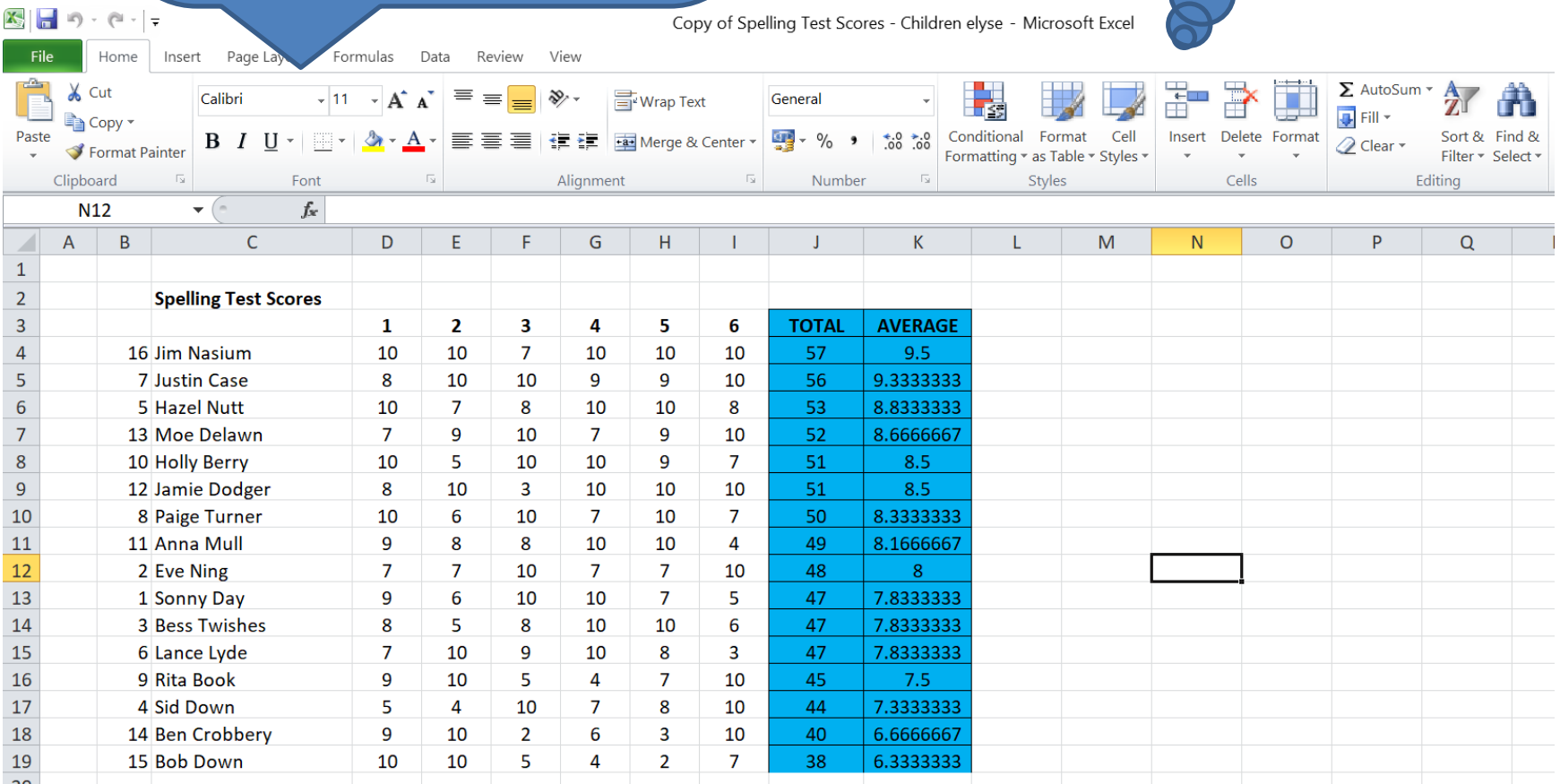


What data did Lara highlight to make the graph?

We created and then formatted our own graphs.

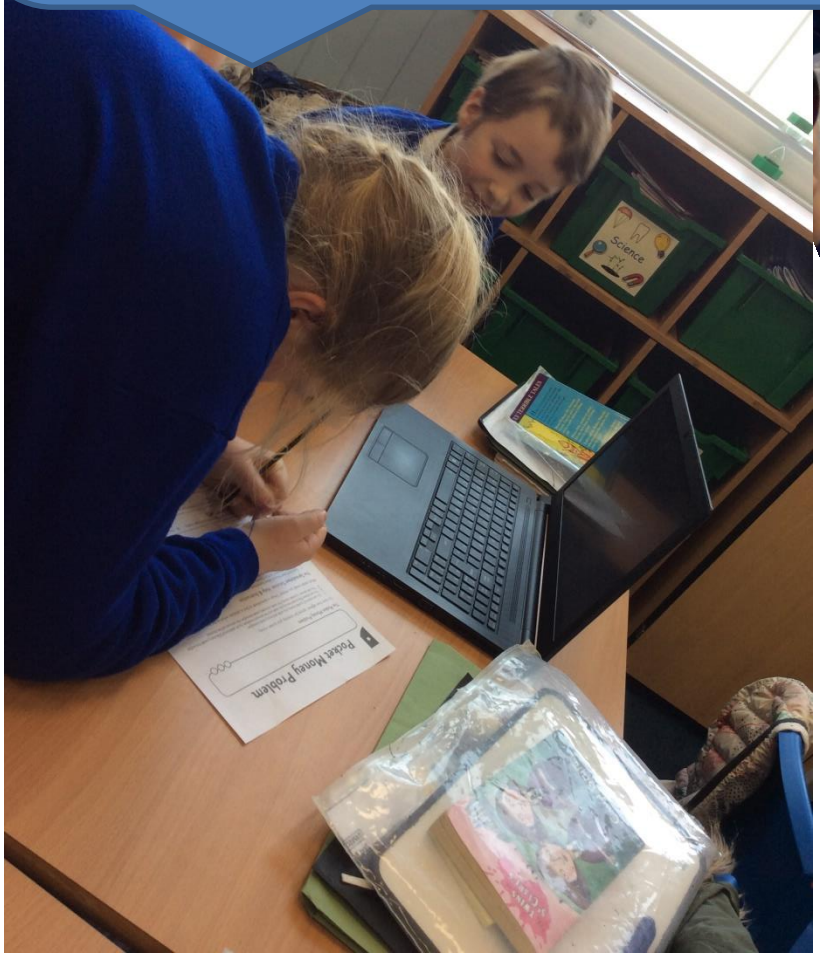
We added our own person in and used formulas for the total and average. We then sorted the data from highest average to lowest.

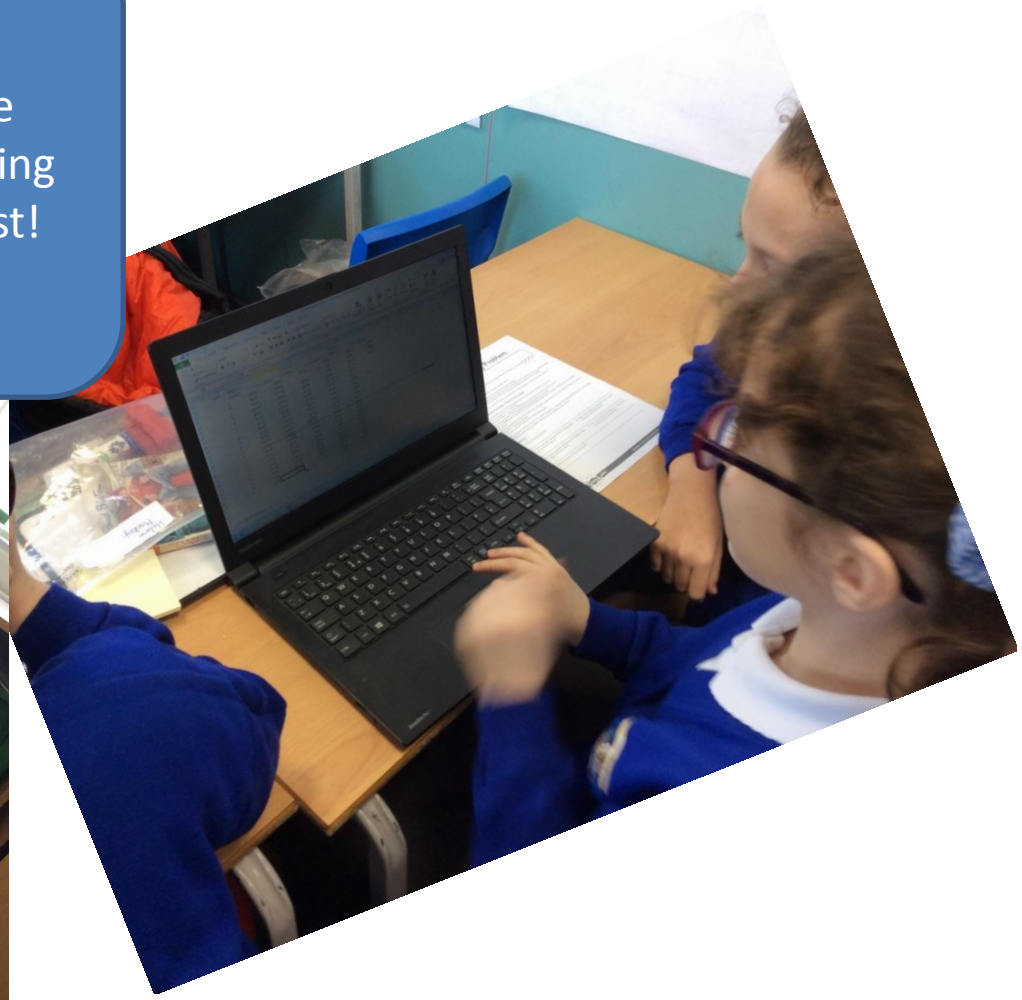
What was the process needed for sorting data?



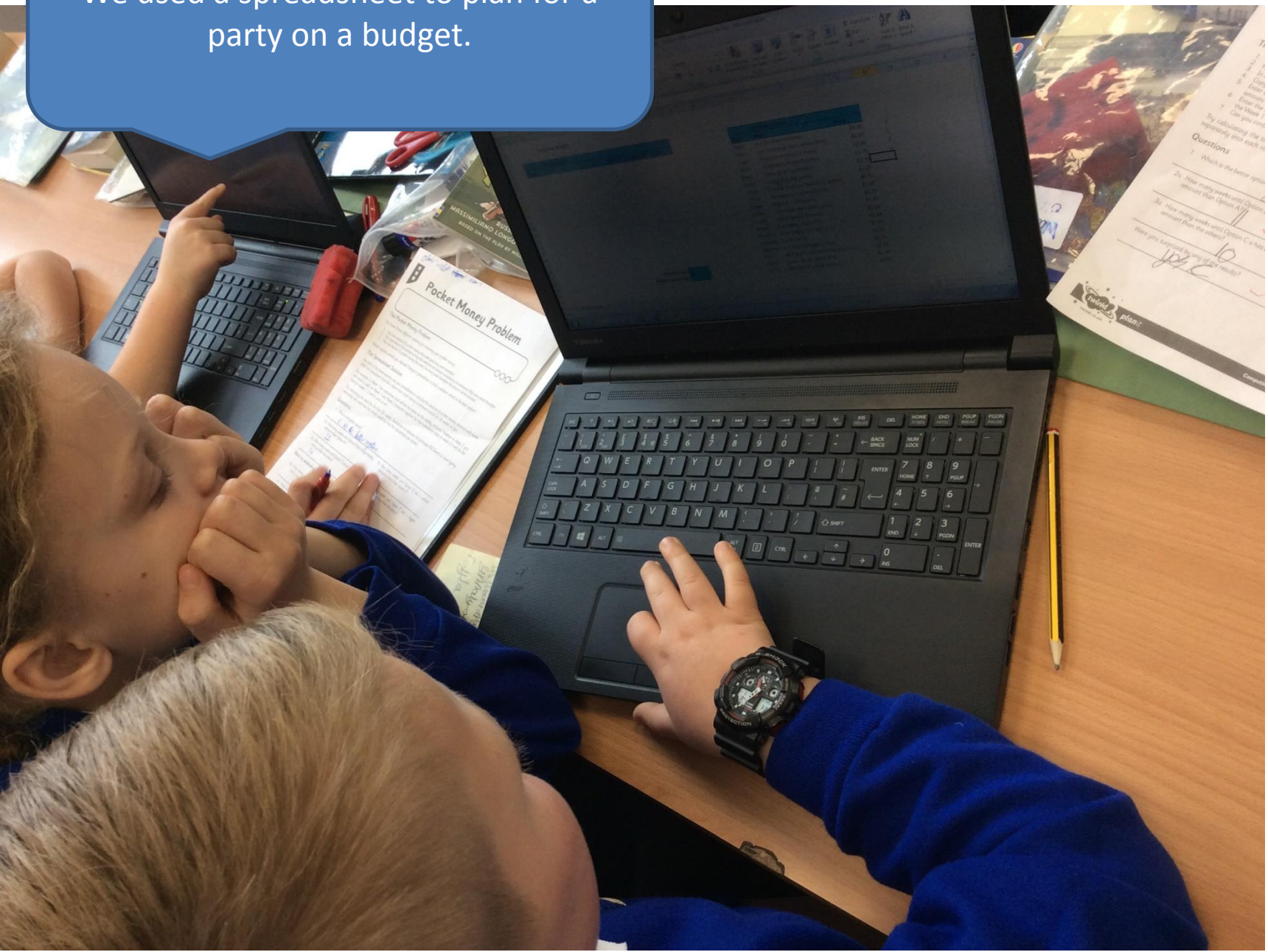
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1																	
2			**Spelling Test Scores**														
3				**1**	**2**	**3**	**4**	**5**	**6**	**TOTAL**	**AVERAGE**						
4		16	Jim Nasium	10	10	7	10	10	10	57	9.5						
5		7	Justin Case	8	10	10	9	9	10	56	9.3333333						
6		5	Hazel Nutt	10	7	8	10	10	8	53	8.8333333						
7		13	Moe Delawn	7	9	10	7	9	10	52	8.6666667						
8		10	Holly Berry	10	5	10	10	9	7	51	8.5						
9		12	Jamie Dodger	8	10	3	10	10	10	51	8.5						
10		8	Paige Turner	10	6	10	7	10	7	50	8.3333333						
11		11	Anna Mull	9	8	8	10	10	4	49	8.1666667						
12		2	Eve Ning	7	7	10	7	7	10	48	8						
13		1	Sonny Day	9	6	10	10	7	5	47	7.8333333						
14		3	Bess Twishes	8	5	8	10	10	6	47	7.8333333						
15		6	Lance Lyde	7	10	9	10	8	3	47	7.8333333						
16		9	Rita Book	9	10	5	4	7	10	45	7.5						
17		4	Sid Down	5	4	10	7	8	10	44	7.3333333						
18		14	Ben Crobbery	9	10	2	6	3	10	40	6.6666667						
19		15	Bob Down	10	10	5	4	2	7	38	6.3333333						

We used the spreadsheet to solve the problem of three different ways of getting pocket money. C was definitely the best!

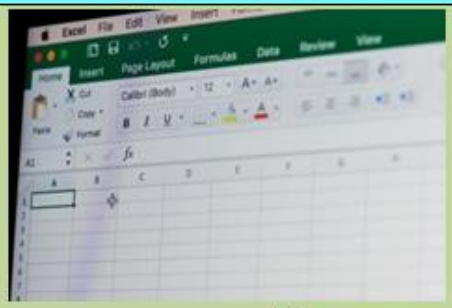




We used a spreadsheet to plan for a party on a budget.



Computing FLE Y5/6 Spreadsheets



Knowledge

The SUM function can add cells together
Automatic recalculation saves time when editing
Graphs are an effective way of presenting information

Skills

I can input data into cells
I can use functions including SUM and sort
I can produce a graph to present data
I can use a spreadsheet to solve problems

SMSC
Spiritual – pupils will reflect on the awe and wonder of technology and the possibilities for the future Social – Pupils will develop team working skills Cultural - Pupils explore how technology has changed our culture

Exciting Books

Our Endpoint

To design a spreadsheet for a purpose

Subject Specific Vocabulary

spreadsheet	A computer program that displays numerical data in cells
row	A horizontal line of cells
column	A vertical line of cells
formula	A rule expressed in symbols, numbers or letters
format	The way in which something is presented
function	A basic operation of a computer
ascending	Moving up
descending	Moving down
insert	Place something inside something
average	To calculate the average of a group by adding each number and dividing by how many in total