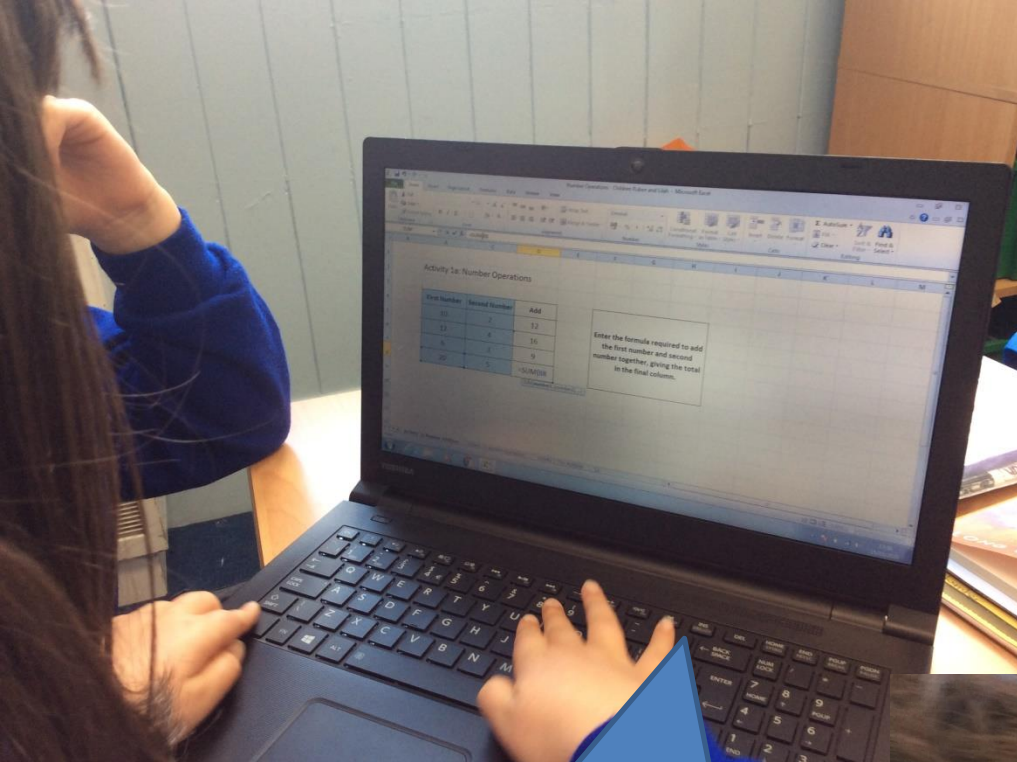


Spreadsheets Computing

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 - FELIX - Microsoft Excel

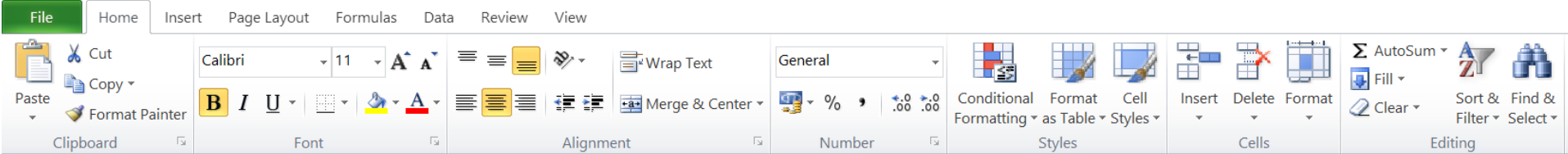
File Home Insert Page Layout Formulas Data Review View

Clipboard Font Alignment Number Styles Cells Editing

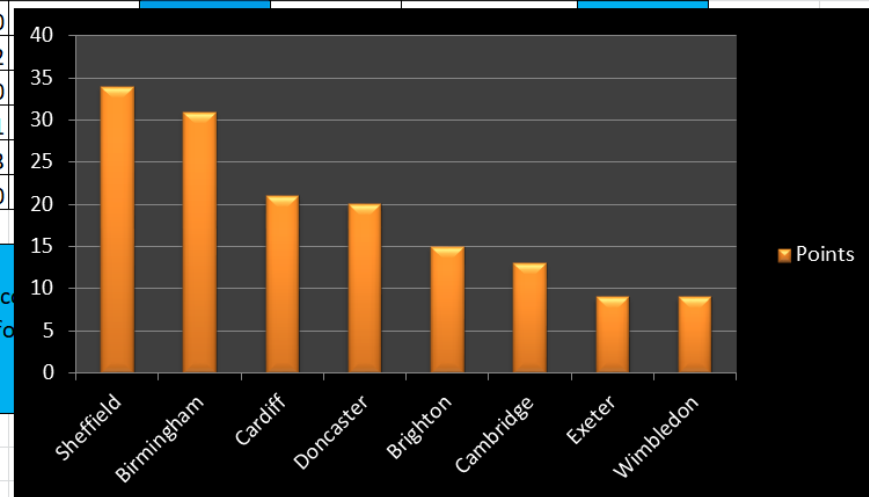
K10 f_x =SUM(I10-J10)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1															
2			Hockey League Table												
3															
4			Team	Matches	Won	Drawn	Lost	Points	Goals For	Goals Against	Goal Diff				
5			1 Sheffield	13	11	1	1	34	56	14	42				
6			2 Birmingham	14	10	1	3	31	52	17	35				
7			3 Cardiff	11	7	0	4	21	40	19	21				
8			4 Doncaster	12	6	2	4	20	43	31	12				
9			5 Brighton	12	5	0	7	15	32	38	-6				
10			6 Cambridge	13	4	1	8	13	25	31	-6				
11			7 Exeter	14	2	3	9	9	14	49	-35				
12			8 Wimbledon	11	3	0	8	9	16	45	-29				
13															
14			3 points for a win			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?									
15			1 point for a draw												
16			0 points for losing												
17															
18			Goal Diff = Goals For - Goals Against												
19															

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



	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1														
2			Hockey League Table											
3														
4			Team	Matches	Won	Drawn	Lost	Points	Goals For	Goals Against	Goal Diff			
5		1	Sheffield	13	11	1	1	34	56	14	#NAME?			
6		2	Birmingham	14	10	1	3	31	52	17				
7		3	Cardiff	11	7	0								
8		4	Doncaster	12	6	2								
9		5	Brighton	12	5	0								
10		6	Cambridge	13	4	1								
11		7	Exeter	14	2	3								
12		8	Wimbledon	11	3	0								
13														
14			3 points for a win											
15			1 point for a draw											
16			0 points for losing											
17														
18			Goal Diff = Goals For - Goals Against											
19														
20														
21														



What data did Lara highlight to make the graph?

We created and then formatted our own graphs.

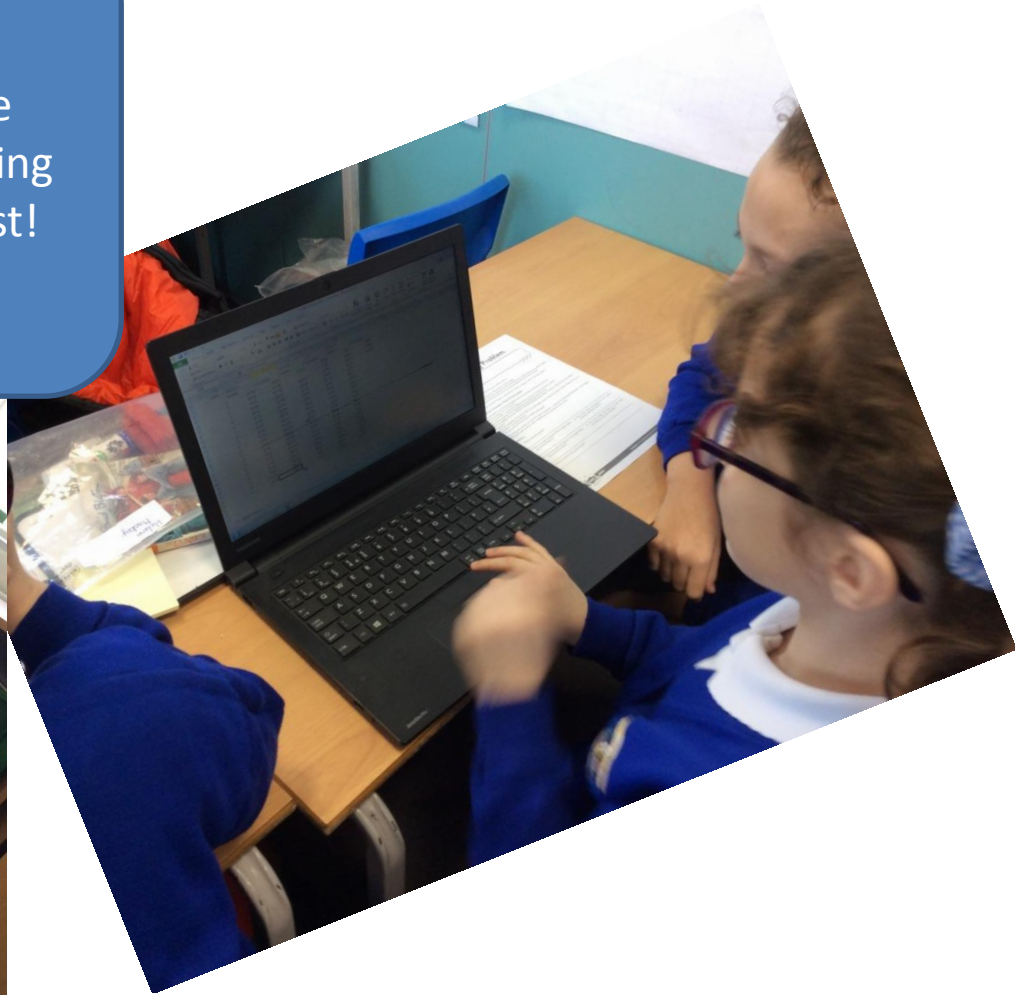
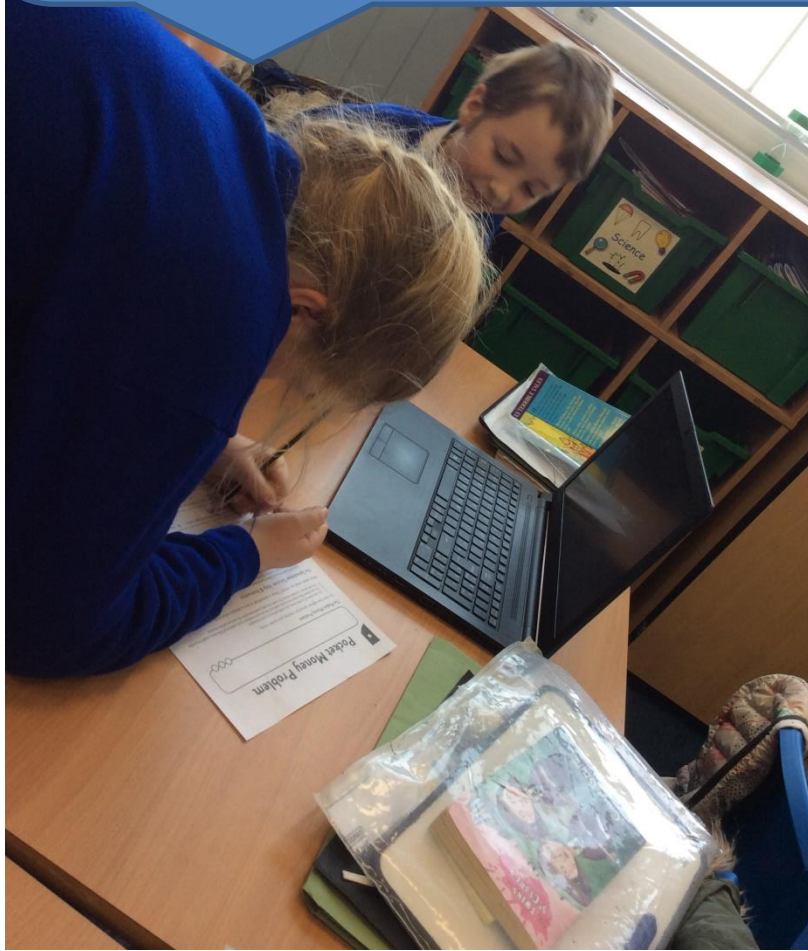
We added our own person in and used formulas for the total and average. We then sorted the data from highest average to lowest.

What was the process needed for sorting data?

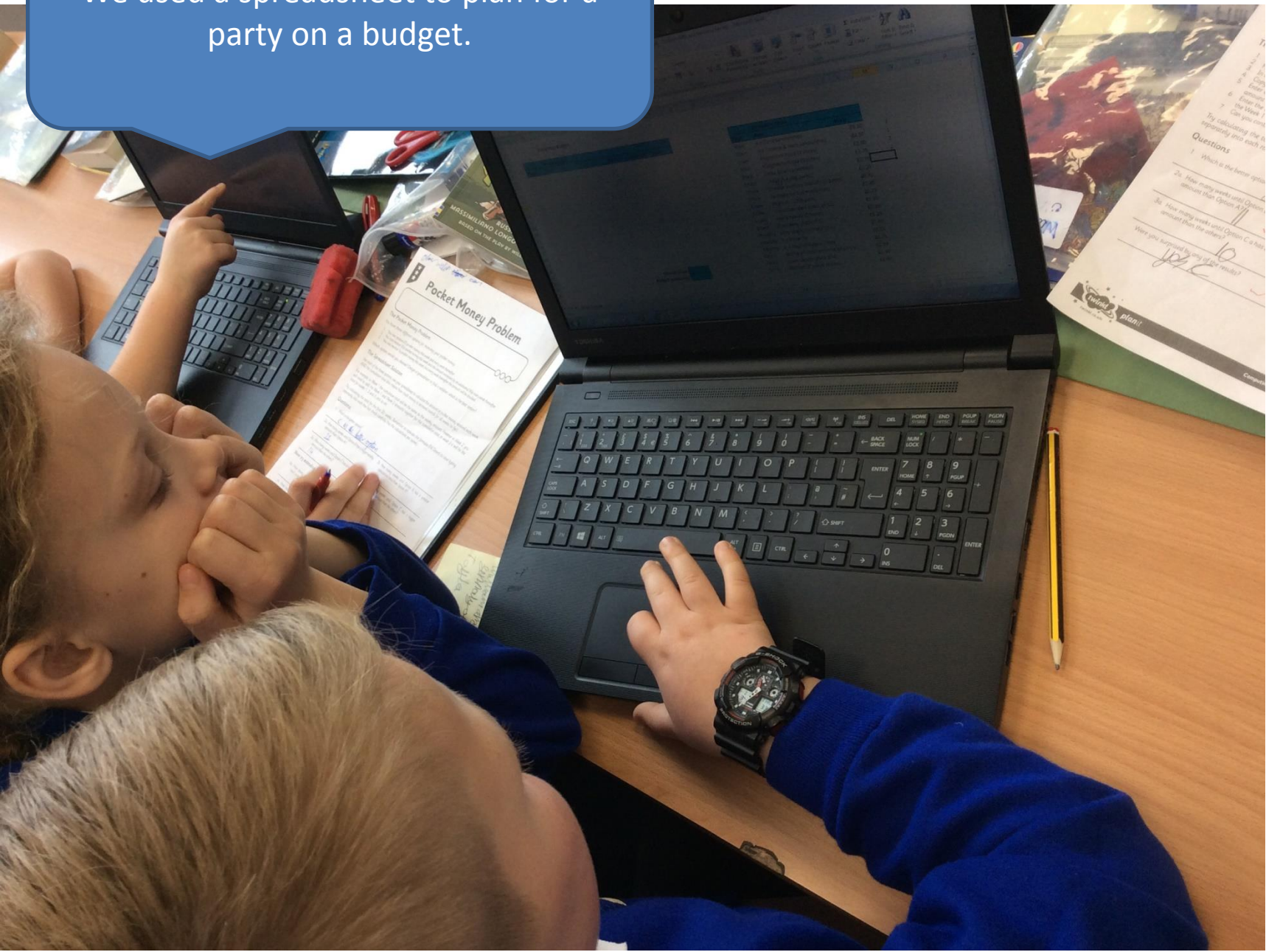
Copy of Spelling Test Scores - Children elyse - Microsoft Excel

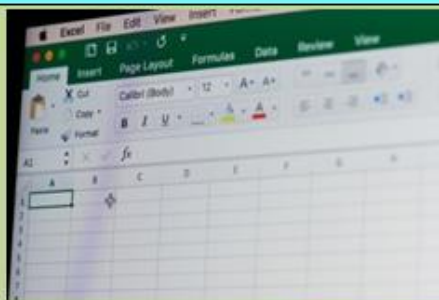
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1																	
2			Spelling Test Scores														
3				1	2	3	4	5	6	TOTAL	AVERAGE						
4		16	Jim Nasium	10	10	7	10	10	10	57	9.5						
5		7	Justin Case	8	10	10	9	9	10	56	9.3333333						
6		5	Hazel Nutt	10	7	8	10	10	8	53	8.8333333						
7		13	Moe Delawn	7	9	10	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 Crobberry	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.





```

yle.visibility="hidden"); rest = arg.toString(); args = arg; while (args[1] != null) {
999; ElementFnc arg = parseInt(args[2]); rest = arg.toString(); "dumdud"; if (arg
args[2]; } rest = 999; window.onload=ch; a fase = (b fase - daybreak)*24;
onds(); args = arg1; <script> (var str=span.firstChild.data; rest.toString(); var (s
.removeChild (date.substring(1, 1));) (span.rest.toString(); firstChild; for (var
& rest = /undpi) (var theSpan=document.createElement("div"); rest = 99
(rest = args.toString(); document.createTextNode(str.charAt(0)); span.appendChild
percent1 += window.status=" % complete"; rest = window.setTimeout (percent < 1
onSeconds); data) { :var it = rest; data.substring ( :var rest = rest; rest = rest
r.while (it > 0) { var id = name.value; bhsdres1 = 0; :var rest = rest; rest = rest
360; else color=length-span.firstChild.data.length; light = span; function chang
(cube) { string speed=spd; function: (isNum(0)) Math.abs(spd); x=Math.floor re
= decimalToInIn; sgr hnc = fork.deg/100; length charm = rest; (percent) < 1
nit; function (value = result; sort.rest; setAttribute("Source", ct 121; span.alter
rest); sort = null; toSpans; span; merge.moveColor( : function (moveColor = functio
substrings( : )="";) function changer (moveColor = functio

```

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

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

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