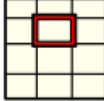
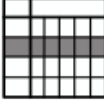
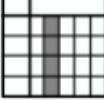
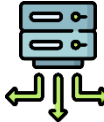


Vocabulary			Knowledge
Spreadsheet	A computer program that stores information in a grid made of rows and columns		<u>Spreadsheets</u> A spreadsheet is a computer program that organises information in a grid made of rows and columns. Each little box is called a cell. Spreadsheets are useful because they help us collect, store, and work with data quickly. <u>Working with data:</u> In a spreadsheet, we can enter different types of data. This might be text (words), numbers, or dates. Data goes into cells, and each cell has a special name called a cell reference, like A1. <u>Formulas and functions:</u> One of the most powerful things about spreadsheets is that they can do maths for us. We can write formulas in cells to add, subtract, multiply, or divide numbers. Spreadsheets also have ready-made formulas, called functions, such as SUM (to add up lots of numbers) or AVERAGE (to find the mean). <u>Presenting data:</u> Spreadsheets don't just show numbers; they can also turn data into charts and graphs. These make information easier to understand and help us spot patterns and trends. We can also format the spreadsheet by changing colours, text style, or number styles to make it clearer. <u>Models and predictions:</u> Spreadsheets are great for making models. This means we can change some numbers and instantly see how the results change. For example, we could model how much a school trip will cost if more children go or if the bus is more expensive.
Cell	A single box in a spreadsheet		
Row	A horizontal line of cells, labelled with numbers		
Column	A vertical line of cells, labelled with numbers		
Data	Information that is entered into a spreadsheet		
Formula	A calculation you write in a cell to work things out automatically		
Function	A formula that performs a specific calculation		
Input	The data typed into the spreadsheet		
Output	The result you see such as a total		
Range	A group of cells		

Quizzing		Quiz at home														
Ask your partner the questions below. Can they find the correct answer on the right-hand side?		Ask your adult to look at the KO. Quiz them using the vocabulary and knowledge section or the quiz questions. • Can they beat your score? • Can they score more than 5? 10? • Compete with your adult in the elimination quiz. Take it in turn to ask each other questions. The first person to get a question wrong is out.  														
What are the boxes in a spreadsheet called?	Calculates answers automatically															
Which do we call the data typed into a spreadsheet?	To see patterns and trends															
What is a spreadsheet used for?	They save time by working things out automatically															
What does a formula do in a spreadsheet?	Range															
What is the word for changing how your spreadsheet looks?	Output															
Why might you use a chart in a spreadsheet?	Cell															
What is the benefit of using formulas?	Input															
What is the name for a group of cells?	Organising and calculating data															
What do we call the result shown after a function?	Formatting															
BIG Questions		Beat the adult														
1. Why do you think spreadsheets are more useful than doing calculations on paper? 2. How can using formulas and functions save time and reduce mistakes? 3. How could using a spreadsheet help you at home? (planning shopping or pocket money) 4. Where do you think spreadsheets are used in the real world?		Your teacher can give 10 facts in 1 minute about this topic. How many can you give to your partner?														
Word scramble	Creative Tasks	Challenge														
Unscramble the key vocabulary from this topic below. You can create your own at the bottom	1. Design a family chore chart. List chores and give a family member a job. 2. Create a spreadsheet with items (cake, decorations, snacks) and costs. Add a formula to calculate the total. 3. Record daily temperature and weather conditions. Create a bar chart or line graph to show changes over time.	Collect data of the children in your class about their favourite fruit. Create two different types of graph (bar chart, pie chart, line graph) Which graph shows the information most clearly? <table><tr><th>Fruit</th><th>Data</th></tr><tr><td>Apple</td><td></td></tr><tr><td>Strawberry</td><td></td></tr><tr><td>Orange</td><td></td></tr><tr><td>Banana</td><td></td></tr><tr><td>Pear</td><td></td></tr><tr><td>Other</td><td></td></tr></table>	Fruit	Data	Apple		Strawberry		Orange		Banana		Pear		Other	
Fruit		Data														
Apple																
Strawberry																
Orange																
Banana																
Pear																
Other																
atad																
umocln																
fuomalr																
ntnifocu																
iupnt																
uuptto																
Rnega																
llec																
rwσ																

Enquiry

Pocket money tracker

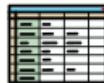
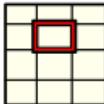
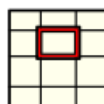
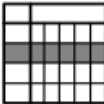
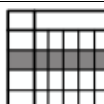
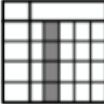
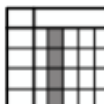
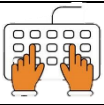
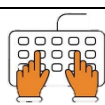
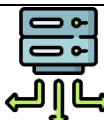
Design a spreadsheet to keep track of pocket money or chores.
Use formulas to work out how much money is saved over a month.
Challenge: Add a chart to show savings growing each week.

Fill in the gaps using the given words

1. A spreadsheet is made up of rows and _____
2. A group of cells is known as _____
3. Information entered into a spreadsheet is called _____
4. The result shown after a formula is called the _____

Range
Columns
Output
data

Knowledge	Knowledge
<u>Spreadsheets</u> A is a computer program that organises information in a grid made of rows and columns. Each little box is called a . Spreadsheets are useful because they help us collect, store, and work with quickly. <u>Working with data:</u> In a we can enter different types of data. This might be (words), numbers, or dates. Data goes into cells, and each cell has a special name called a like A1. <u>Formulas and functions:</u> One of the most powerful things about spreadsheets is that they can do maths for us. We can write in cells to add, multiply, or divide numbers. Spreadsheets also have ready-made formulas, called , such as (to add up lots of numbers) or AVERAGE (to find the mean). <u>Presenting data:</u> Spreadsheets don't just show numbers; they can also turn data into and graphs. These make information to understand and help us spot and trends. We can also the spreadsheet by changing colours, text style, or number styles to make it clearer. <u>Models and predictions:</u> Spreadsheets are great for making models. This means we can change some numbers and see how the results change. For example, we could model how much a school trip will cost if more children go or if the bus is more expensive	<u>Spreadsheets:</u> <u>Working with data:</u> <u>Formulas and functions:</u> <u>Presenting data:</u> <u>Models and predictions:</u>

Write the definition for each of the following words			Write the vocabulary word for each definition		
Vocabulary			Vocabulary		
Spreadsheet				A computer program that stores information in a grid made of rows and columns	
Cell				A single box in a spreadsheet	
Row				A horizontal line of cells, labelled with numbers	
Column				A vertical line of cells, labelled with numbers	
Data				Information that is entered into a spreadsheet	
Formula				A calculation you write in a cell to work things out automatically	
Function				A formula that performs a specific calculation	
Input				The data typed into the spreadsheet	
Output				The result you see such as a total	
Range				A group of cells	

