

# How can I use VLOOKUP from another workbook in Google Sheets?

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June 27, 2024

## RECOMMENDED CITATION

stats writer (2024). *How can I use VLOOKUP from another workbook in Google Sheets?*. PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=155092>

VLOOKUP is a function in Google Sheets that allows users to search for a specific value in a table and return a corresponding value from a different column. This function can also be used across different workbooks, allowing users to access data from multiple sources in one sheet. To use VLOOKUP from another workbook, the user must first open both workbooks and ensure that the value being searched for is in the first column of the table. The formula then consists of the name of the workbook, followed by an exclamation mark, and the range of cells containing the data. This allows for efficient data management and analysis, as users can easily access and reference data from multiple workbooks within one sheet.

## Google Sheets: Use VLOOKUP From Another Workbook

You can use the following basic syntax to perform a VLOOKUP from another workbook in Google Sheets:

```
=VLOOKUP(A2, IMPORTRANGE("1AdIE5drC",  
"sheet1"!), 2, 0)
```

This particular formula will look up the value in cell A2 of the current workbook in the range A1:B11 of a second workbook that has a spreadsheet key of 1AdIE5drC and return the corresponding value in the second column.

The following step-by-step example shows how to use this formula in practice.

### Step 1: Enter Data into Both Workbooks

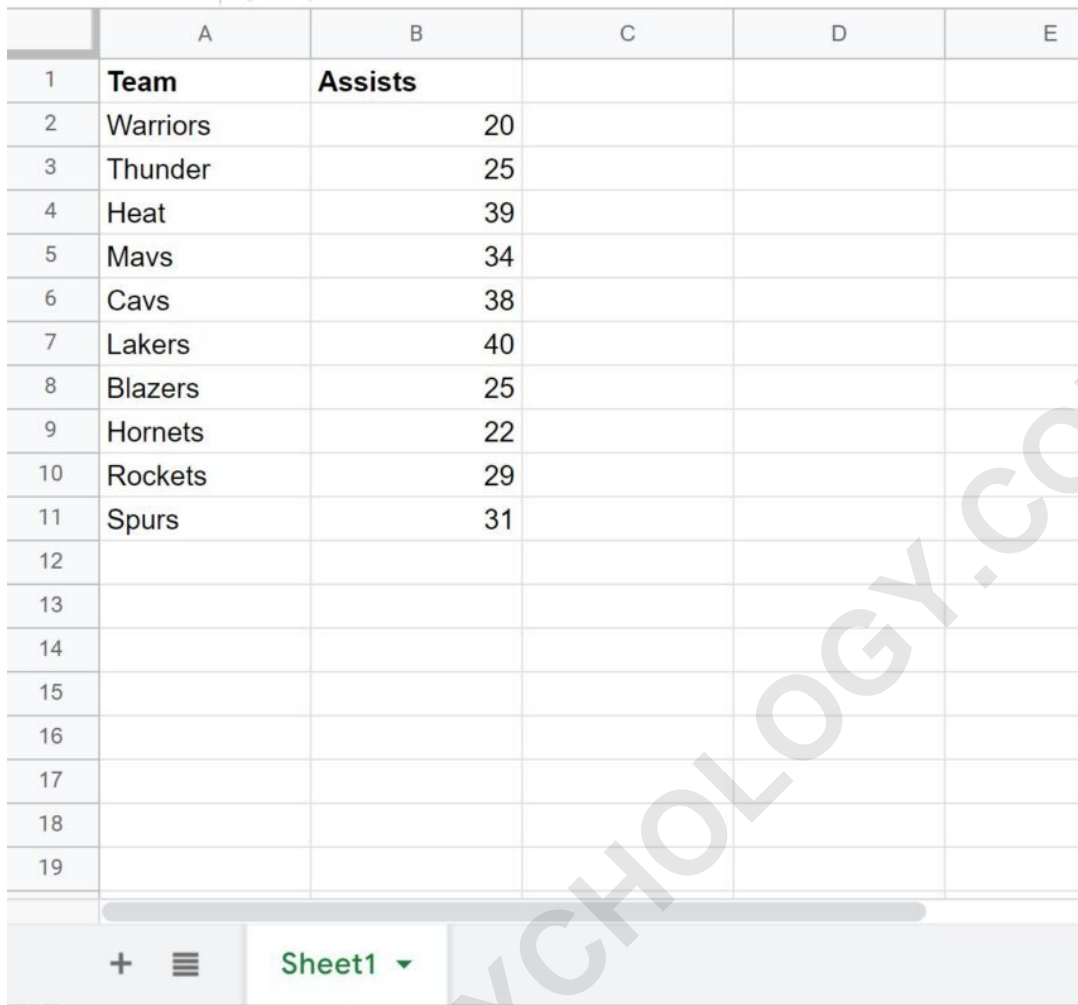
Suppose our current workbook contains the following

**data:**

	A	B	C	D	E
1	<b>Team</b>	<b>Points</b>			
2	Mavs	99			
3	Heat	104			
4	Thunder	110			
5	Warriors	117			
6	Cavs	103			
7	Lakers	98			
8	Spurs	93			
9	Rockets	100			
10	Hornets	104			
11	Blazers	105			
12					
13					
14					
15					
16					
17					
18					
19					

Sheet1

**And suppose we have another workbook with the following data:**

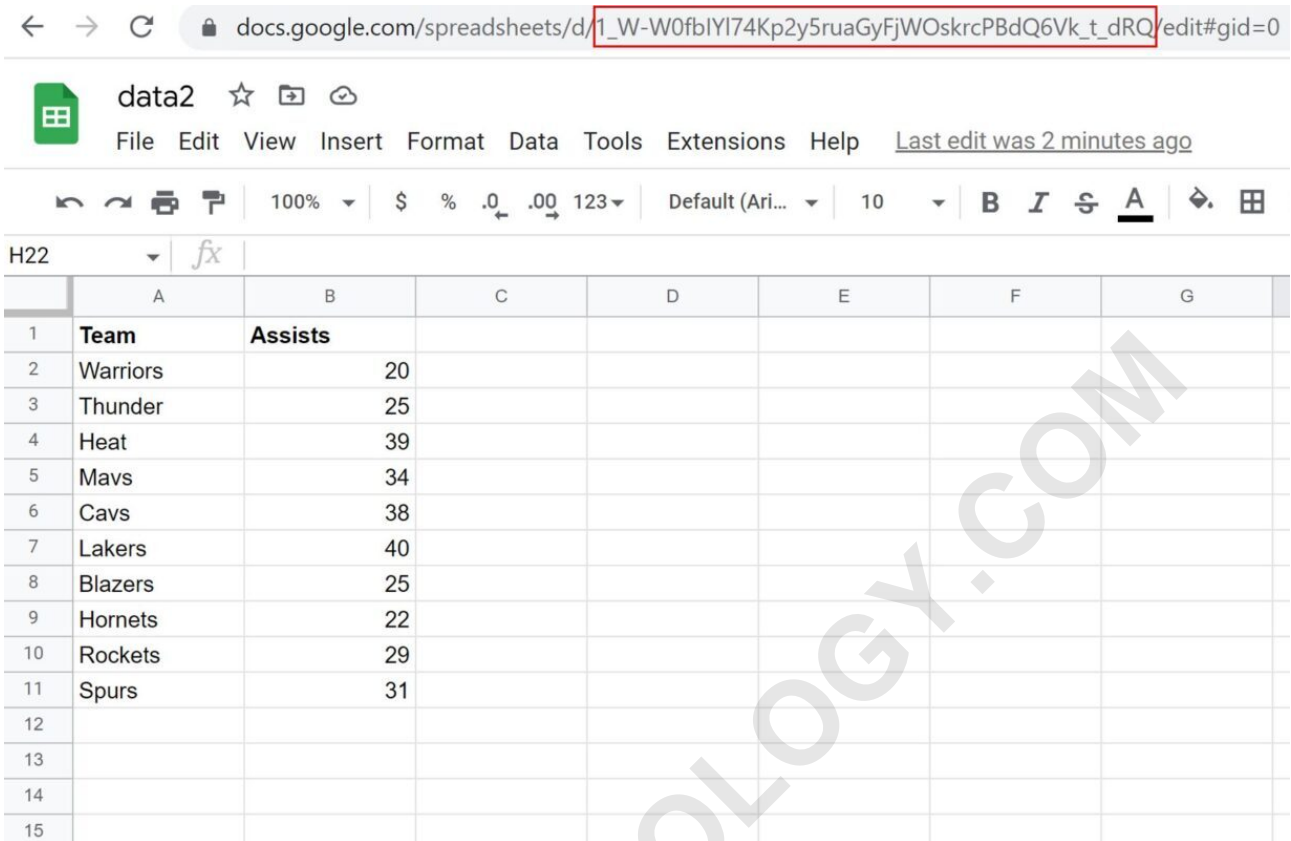


	A	B	C	D	E
1	<b>Team</b>	<b>Assists</b>			
2	Warriors	20			
3	Thunder	25			
4	Heat	39			
5	Mavs	34			
6	Cavs	38			
7	Lakers	40			
8	Blazers	25			
9	Hornets	22			
10	Rockets	29			
11	Spurs	31			
12					
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## Step 2: Perform VLOOKUP Between Workbooks

Now suppose we would like to use a VLOOKUP in the first workbook to look up the team names in the second workbook and return the corresponding value in the Assists column.

Before we perform this VLOOKUP, we must find the spreadsheet key in the URL of the second workbook:



The screenshot shows a Google Sheet with the following data:

	A	B	C	D	E	F	G
1	<b>Team</b>	<b>Assists</b>					
2	Warriors	20					
3	Thunder	25					
4	Heat	39					
5	Mavs	34					
6	Cavs	38					
7	Lakers	40					
8	Blazers	25					
9	Hornets	22					
10	Rockets	29					
11	Spurs	31					
12							
13							
14							
15							

We can then type the following formula into cell C2 of the first workbook:

```
=VLOOKUP(A2, IMPORTRANGE("1_W-W0fbIYI74Kp2y5ruaGyFjWOskrcPBdQ6Vk_t_dRQ", "sheet1" !$A$1:$B$11), 2, 0)
```

Once we press Enter, the value in the Assists column from the second workbook that corresponds to the "Mavs" team will be shown:

data1 ☆ 📁 ☁

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100% \$ % .0 .00 123 Default (Ari...)

C2 *fx* =VLOOKUP(A2, IMPORTRANGE("1\_W-W0fbIY174Kp2y5ruaGyF

	A	B	C	D	E
1	<b>Team</b>	<b>Points</b>	<b>Assists</b>		
2	Mavs	99	34		
3	Heat	104			
4	Thunder	110			
5	Warriors	117			
6	Cavs	103			
7	Lakers	98			
8	Spurs	93			
9	Rockets	100			
10	Hornets	104			
11	Blazers	105			
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The screenshot shows a Google Sheets interface with a spreadsheet named 'data1'. The formula bar displays the formula: `=VLOOKUP(A2, IMPORTRANGE("1_W-W0fbIY174Kp2y5ruaGyFjW0skrcP...", ...))`. The spreadsheet contains a table with the following data:

	A	B	C	D	E
1	<b>Team</b>	<b>Points</b>	<b>Assists</b>		
2	Mavs	99	34		
3	Heat	104	39		
4	Thunder	110	25		
5	Warriors	117	20		
6	Cavs	103	38		
7	Lakers	98	40		
8	Spurs	93	31		
9	Rockets	100	29		
10	Hornets	104	22		
11	Blazers	105	25		
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The values in the Assists column of the second workbook have now all been pulled into the first workbook.