

# How can I use INDEX MATCH with multiple criteria in Google Sheets?

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## RECOMMENDED CITATION

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INDEX MATCH is a powerful function in Google Sheets that allows users to search for a specific value in a data range and return the corresponding value from a different column. This function can be used with multiple criteria to further refine the search and retrieve more accurate results. By combining the INDEX and MATCH functions, users can specify multiple criteria to search for a particular value, making it a useful tool for data analysis and management. This feature is particularly beneficial in situations where there are large data sets with numerous variables and conditions. By utilizing INDEX MATCH with multiple criteria, users can efficiently and accurately retrieve the desired information from their Google Sheets.

## Google Sheets: Use INDEX MATCH with Multiple Criteria

You can use the following basic syntax to perform an INDEX MATCH in Google Sheets with multiple criteria:

```
=INDEX(reference,MATCH(1,(criteria1)*(criteria2)*(criteria3)* ...,0))
```

where:

**reference:** The range from which a value will be returned  
**MATCH:** Gives the position of your search key  
**key1:** Specifies a fixed search key  
**criteria1, criteria2, criteria3:** The criteria to match  
**0:** Species to search for an exact value

The following example shows how to use this syntax in practice.

### Example: INDEX MATCH with Multiple Criteria in Google Sheets

Suppose we have the following data in Google Sheets that shows information for various basketball players:

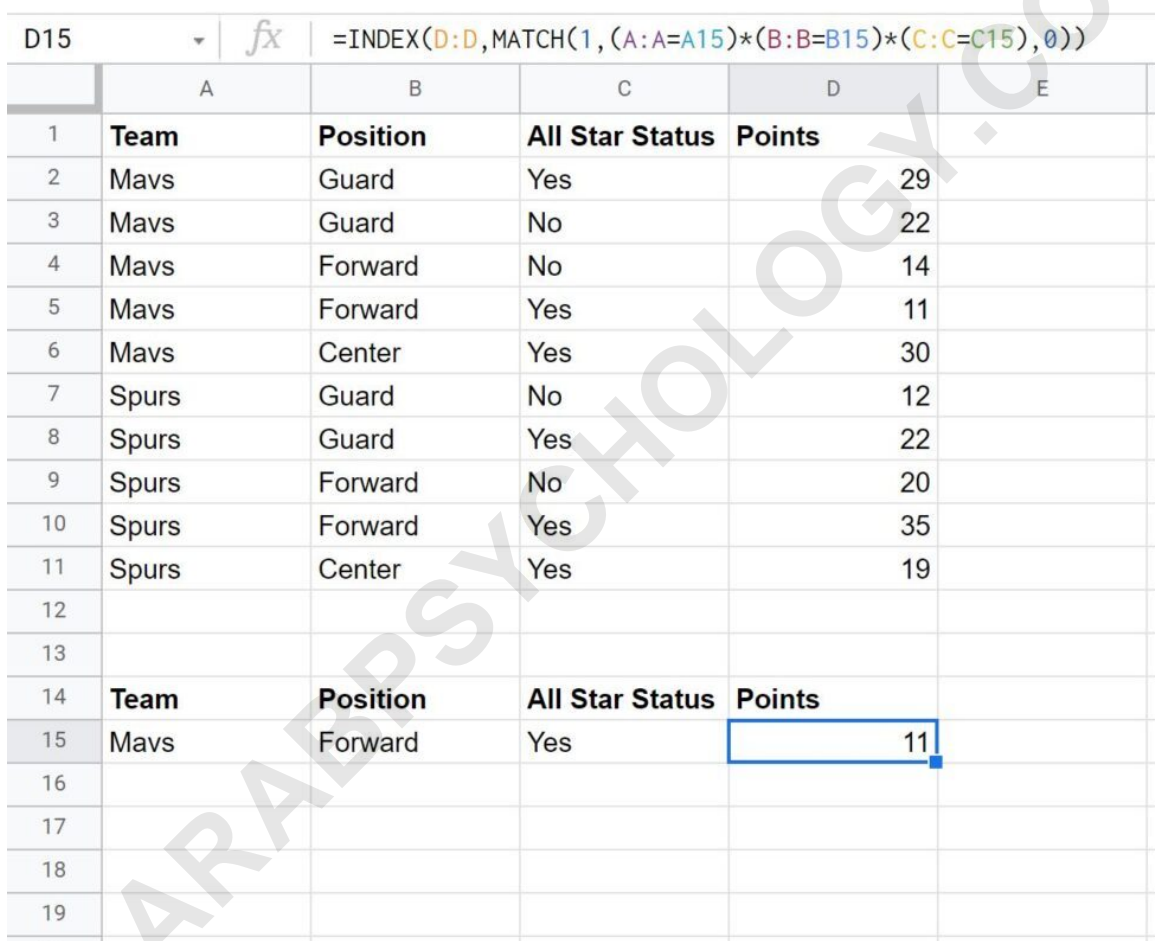
	A	B	C	D	E
1	<b>Team</b>	<b>Position</b>	<b>All Star Status</b>	<b>Points</b>	
2	Mavs	Guard	Yes	29	
3	Mavs	Guard	No	22	
4	Mavs	Forward	No	14	
5	Mavs	Forward	Yes	11	
6	Mavs	Center	Yes	30	
7	Spurs	Guard	No	12	
8	Spurs	Guard	Yes	22	
9	Spurs	Forward	No	20	
10	Spurs	Forward	Yes	35	
11	Spurs	Center	Yes	19	
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Now suppose we would like to find the Points value associated with the player who is on the Mavs, has a Position of Forward, and has an All Star Status of Yes.

We can use the following INDEX MATCH formula to find this Points value:

**=INDEX(D:D,MATCH(1,(A:A=A15)\*(B:B=B15)\*(C:C=C15),0))**

The following screenshot shows how to use this formula in practice:



The screenshot shows a Google Sheet with a table of basketball players. The formula bar at the top displays the formula: `=INDEX(D:D,MATCH(1,(A:A=A15)*(B:B=B15)*(C:C=C15),0))`. The table has columns for Team, Position, All Star Status, and Points. The player in row 15 (Mavs, Forward, Yes) is highlighted, and the formula bar shows that the result is 11.

	A	B	C	D	E
1	<b>Team</b>	<b>Position</b>	<b>All Star Status</b>	<b>Points</b>	
2	Mavs	Guard	Yes	29	
3	Mavs	Guard	No	22	
4	Mavs	Forward	No	14	
5	Mavs	Forward	Yes	11	
6	Mavs	Center	Yes	30	
7	Spurs	Guard	No	12	
8	Spurs	Guard	Yes	22	
9	Spurs	Forward	No	20	
10	Spurs	Forward	Yes	35	
11	Spurs	Center	Yes	19	
12					
13					
14	<b>Team</b>	<b>Position</b>	<b>All Star Status</b>	<b>Points</b>	
15	Mavs	Forward	Yes	11	
16					
17					
18					
19					
--					

The formula correctly returns a Points value of 11 for the player who is on the Mavs team, has a position of Forward, and has an All Star Status of Yes.

**Note that if we change the values in row 15, our INDEX MATCH formula will automatically update.**

**For example, suppose we instead use this formula to find the Points value for the player who is on the Spurs team, has a position of Guard, and has an All Star Status of Yes:**

	A	B	C	D	E
D15	=INDEX(D:D,MATCH(1,(A:A=A15)*(B:B=B15)*(C:C=C15),0))				
1	<b>Team</b>	<b>Position</b>	<b>All Star Status</b>	<b>Points</b>	
2	Mavs	Guard	Yes	29	
3	Mavs	Guard	No	22	
4	Mavs	Forward	No	14	
5	Mavs	Forward	Yes	11	
6	Mavs	Center	Yes	30	
7	Spurs	Guard	No	12	
8	Spurs	Guard	Yes	22	
9	Spurs	Forward	No	20	
10	Spurs	Forward	Yes	35	
11	Spurs	Center	Yes	19	
12					
13					
14	<b>Team</b>	<b>Position</b>	<b>All Star Status</b>	<b>Points</b>	
15	Spurs	Guard	Yes	22	
16					
17					
18					
19					
20					

### Additional Resources