

SQL Join

In an SQL Join we take information from two tables and combine them into one table.

In this example we have two tables in our “Kindergarten” database: one has the information about the students, and one has the information about the classes.

We would like to match each **student** with the **class teacher**.

ID	StudentName	ClassTeacher
11	Alice	Ms. Sunshine
12	Bobby	Ms. Sunshine
13	Carol	Mr. Rainbow
14	Danny	Mr. Rainbow
15	June	Ms. Aurora
16	Kim	Ms. A

ClassID	ClassName	ClassTeacher
1	Koala	Ms. Sunshine
2	Penguin	Mr. Rainbow
3	Giraffe	Ms. Aurora

StudentID	StudentName	ClassID
1	Alice	1
2	Bobby	1
3	Carol	2
4	Danny	2
5	June	3
6	Kim	3

In SQL we will write this as follows:

```
SELECT StudentName, ClassTeacher
FROM Students, Classes
WHERE Students.ClassID = Classes.ClassID
```

← Fields (=Columns)

← Tables

← Condition