

Name: _____ Period: _____ Date: _____

INDEPENDENT PRACTICE: DATABASE RELATIONSHIPS

In this activity, **you will work independently** to create a one-to-one relationship between two database tables.

1. Create a new database using the information in the table below. Name the database **StudentActivities** and the table **Student** (or according to teacher directions). This table represents individual student records.
 - Format the Class field as a LookUp Field (drop-down box) with the following choices: Freshmen, Sophomore, Junior, and Senior.
 - Set the IDNo field as a primary key field and format it as number.

IDNo	FirstName	LastName	Middle	Class	Mentor	Parent
123654	Alice	Anderson	A.	Freshmen	Adams	Arthur Anderson
147852	Bill	Baker	B.	Freshmen	Bowman	Bonita Baker
159753	Chris	Clark	C.	Sophomore	Cook	Charles Clark
456987	Debra	Davis	D.	Junior	Deaver	Don Davis
789321	Eddie	Epperson	E.	Senior	Ellison	Earl Epperson
963258	Frank	Fox	F.	Sophomore	Feldon	Fred Fox
595936	Greg	Getty	G.	Senior	Goode	Glenn Getty
159438	Hillary	Hanson	H.	Senior	Hague	Harold Hanson
224493	John	Johnson	J.	Junior	Jackson	Jayson Johnson

2. Once all data has been entered, save and close the table.

Name: _____ Period: _____ Date: _____

3. Create another table using the data below and name it **Participation**.

- Format IDNo as number and set it as the primary key.

IDNo	Activity
123654	Foreign Language
147852	Chess
456987	FBLA
789321	Skills USA
963258	FBLA
224493	SGA

4. Once all data has been entered, save and close the table.

5. Establish a relationship between the two tables using the ID field as the link.

6. Open the **Student** table and select the + button at the left on each student name to expand the relationships.7. **Answer the following questions:**

- a. Why is this one-to-one relationship an effective method of displaying and keeping records of student information?

b. How many students are involved in a club? _____

c. How many students are involved in a sport? _____

d. Which is the primary key? _____

e. Which is the foreign key? _____

f. What would make this data a one-to-many relationship?

Name: _____ Period: _____ Date: _____