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**Activity**

Database Basics

MODULE 14: Database Applications

This **activity** was written for the Florida Public School System DIGITAL INFORMATION TECHNOLOGY (8207310) course. Funded by the Cyber/IT Pathways Program, Cyber Florida, and the Florida Department of Education.

# Module 14: Database Applications

## Activity: Database Basics

The student defines basic database components.

## Standards Assessed

* **07.01** Create different forms for inputting data into a database application.

## Teacher Notes

Teachers can use the Database Basics PowerPoint presentation to review short definitions of database, forms, fields, tables, and records.

## Estimated Student Completion Time

* 45 minutes to complete the activity

## Activity Rubric

Consider evaluating the student’s work based on measures of quality. For example, with a maximum of 4 Points Possible, the following could be applied to the activity:

* **1 Point Earned** = ***Needs Improvement*** (the student work did not meet more than 50% of the requirements and did not follow instructions)
* **2 Points Earned** = ***Developing*** (the student met between 50% and 75% of the requirements and generally followed the instructions)
* **3 Points Earned** = ***Sufficient*** (the student met between 75% and 90% of the requirements and clearly followed instructions)
* **4 Points Earned** = ***Above Average*** (the student met > 90% of the requirements and followed all instructions)

# Activity: Database Basics

**Students Instructions**: Define the basic database components below.

1. What is a database?
2. What is a database table?
3. What is a database record?
4. What is a database field?
5. What is a database form?
6. What is data integrity?
7. What must be true of the data in a database to make it useful?
8. How do you delete a record from a table?
9. How do you edit/add data to a cell in a database table?