

Lesson Plan for Business Information Studies

Topic: Database

Teacher: Linda Merrill, Keene High School, lmerrill@msn.com

Subject: IT and ME WORKS

Grade : 9th

Time: 4-5 hours

Objectives: At the end of this lesson, students will be able to:

- Correctly set up a database, using appropriate fields to gather the information we need to identify.

Standards :

- Students will demonstrate a firm grounding in essential computational skills, as well as strong problem solving and reasoning abilities.
- Students will take an active role in their own learning

Setting: Computer Lab with database software and access to a printer.

Materials: Free real estate booklets (the ones found in racks outside most stores).
NOTE *: As a variation, use the free car sale booklets found in the same locations

Teacher's Role: The teacher will have previously given explanations and examples of how to set up databases and have explained why they are used and when.

Guidelines for project: Choose 30 entries for your database from the booklets. There must be 10 entries for homes under \$100,000 (selling price), 10 entries must be in the \$100,000 - \$200,000 range, and the final 10 must be in the over \$200,000 range. Fields must include: Real Estate Agency (name), Location (of agency), price, # of bedrooms, # of baths, fireplace (y/n), garage (y/n) extra's (list them – example: land, sunroom, pool, porch, etc)

NOTE: limit the number of mobile homes used to one or two.

The student must set up the database, list, and insure that all guidelines have been met. Then, print it out exactly as they have typed it. NOW, the student must sort by a category (for instance, price.) and print it out this way also. You may want to remind students to print in landscape to save paper.

School to Career Connection: Bring in a local person to tell how their business uses databases in every day life.

Employability: Organizational skills, decision-making skills, computer skills.