**Introduction to Databases Activities**

**Class Brainstorm/Discussion:**

**Instructions for Teacher:**

During the lesson, involve the entire class in discussions/brainstorms about the relevance of using databases, specifically large companies with vast amounts of data.

During the explanation of the Independent Practice, have students first brainstorm fields for the home inventory project. This will help re-enforce the concepts of records and fields.

**Class participation in Teacher Demonstration:**

**Instructions for Teacher:**

As you demonstrate selecting and downloading a pre-built template, get student buy-in by involving them in the process. Students will observe, but then ask for one or two volunteers to re-demonstrate in front of peers.

Encourage students watching to peer coach and evaluate the student demonstrator on his or her techniques.

**Independent Database Creation:**

**Instructions for Teacher:**

Students will independently inventory 25 home items and enter the data into their database.

**Instructions for Student:**

Now that you’ve seen me demonstrate some of the tools/features available in the database software, you’re going to get to create your own personalized home inventory database and apply the skills we’ve learned today. You will need to first inventory at least 25 items of value from your own home. You will enter the data into the database program using a prebuilt template with the fields we came up with today.