CHEMISTRY MATTERS
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NOTE-TAKING GUIDE
UNIT 2, SEGMENT A

Name:

Date:

Main Ideas, Key Points, Questions:

After watching the video segment, write down key points, main ideas and big questions.

Objective(s):

- ***To identify physical properties of matter.***
- ***To measure volume and mass to calculate density.***
- ***To plan and carry out an investigation of physical properties of matter, using density as an example.***

Notes:

During the video segment, use words, phrases or drawings to take notes.

Summary:

After watching the video segment, write at least three sentences explaining what you learned.
You can ask yourself: "If I was going to explain this to someone else, what would I say?"

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QUESTIONS TO CONSIDER: UNIT 2, SEGMENT A

Name:

Date:

After watching the video and performing any associated labs and/or experiments, you should be able to answer the following:

1. What is matter?

2. Why do we say that electricity is not an example of matter?

3. A physical property of matter is a characteristic that can be observed or measured without changing the chemical makeup of a substance.

   List three examples of physical properties you can observe without a measuring tool.

   List one example of a physical property you must be measured using tools.

4. What is density?

5. Why do solids often have higher density than liquids?

6. In this video, students must measure the volume and mass of pennies.

   What tool do you use to measure the mass of pennies?

   What tool do you use to measure the volume of pennies?

Make sure to complete the Lab: Measuring Density of pre-1982 Pennies and Post-1982 pennies before continuing to Video 2B.