

NOTE-TAKING GUIDE: Unit 7, 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 develop models of ionic and covalent solutions.
- To explore methods of increasing the rate of dissolution.
- To carry out an investigation of solubility of a variety of salts.

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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?"



QUESTIONS TO CONSIDER: Unit 7, 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.	Define the term solvent and solute.
2.	Create a visual model of an ionic substance (salt) dissolving in water and a covalent substance (sugar) dissolving in water.
3.	Both salt water and sugar water are homogeneous solutions. What does that mean?
1	List four methods you can use to increase the rate of dissolution of a solute in a solvent.
٦.	List four modified you can use to increase the rate of dissolution of a solute in a solvent.

You are now expected to carry out an investigation of the solubility of three different salts.

Once you have completed the investigation, come back to the Unit 7B video with your data table complete.