CHEMISTRY MATTERS
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NOTE-TAKING GUIDE
Unit 5, SEGMENT B

Name:

Date:

Main Ideas, Key Points, Questions:

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

Objective(s):

- ***To investigate five main types of chemical reactions.***
- ***To investigate how these chemical reactions can be helpful and how they can cause harm.***

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 5, SEGMENT B

Name:

Date:

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

1. Write the balanced equation for the formation of magnesium oxide.

2. What is a synthesis reaction?

3. Explain how a synthesis reaction is useful to a pharmacologist.

You are expected to conduct an investigation of a decomposition reaction using water and a 9 volt battery. Conduct this investigation before continuing the video.

4. What is a decomposition reaction?

5. What forms when copper reacts with silver nitrate?

6. What is a single displacement reaction?

7. What is a double displacement reaction?

8. Acid rain has caused a great deal of environmental damage. Describe one way that acid rain has caused harm.

9. What is one source of acid rain?

10. List one control measure that has been able to reduce acid rain.

11. What is a combustion reaction?