NOTE-TAKING GUIDE
Unit 6, SEGMENT G

Name:
Date:

Main Ideas, Key Points, Questions:

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

Objective(s):

• To use data collected during the rocket performance task to determine the balanced equation for the reaction of hydrogen and oxygen.

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?”
QUESTIONS TO CONSIDER:
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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 reaction between hydrogen and oxygen.

2. Use the data from your data chart to support your balanced equation above.

3. When you launch your pipette rocket into the target box, why is it helpful to place a small amount of liquid water into the pipette?

4. The external tank on the space shuttle held cryogenic hydrogen and oxygen. Why did NASA build the hydrogen tank twice as large as the oxygen tank?