

Combustion Activity:

Name:

Go to <http://www.pbs.org/wgbh/nova/fireworks/fire.html>. Click on the Get to “On Fire” tab on the top right of the page. Answer the following questions. You may want to copy and paste this into a word document so that you can answer right on the document. When you are finished email me your finished document at [kdteel@ndsion.edu](mailto:kdteel@ndsion.edu).

1. What is happening to the atoms when something burns?
2. What determines how much energy is released when something burns?
3. Why is there not a lot of heat given off when something rusts?
4. When does combustion occur?
5. Write the correct equation for the combustion of hydrogen with oxygen.
6. Write the correct equation for the combustion of hydrogen with oxygen.
7. Do solids and liquids burn?
8. If your answer is no then what does burn?
9. What is soot?
10. What gives a candle flame its orange red color?