



UNIT 3 — ATOMS, ELEMENTS, MOLECULES

L7: Fireworks!

GUIDING QUESTION: HOW CAN WE USE A RUBRIC TO ENSURE WE WRITE A GOOD ESSAY?

Do Now:

Write this on page 29:

Take out Homework #10 to be stamped.

PERFORMANCE TASK— FIREWORKS ESSAY:

Prompt:

Explain how fireworks get their unique colors using the materials presented in this workbook and in the class so far.

PERFORMANCE TASK— FIREWORKS ESSAY:

Requirements:

MLA Format (double spaced, 12 pt font, Times New Roman)

1 inch margins

Standard 5 paragraph paper (see outline in workbook)

Heading on top left:

Last Name, First Name

Chemistry, Period ____

Due Date: November 17, 2017

Works Cited Page (including 4 *total* citations):

Fireworks! by Kathy De Antonis (article in your workbook)

Workbook notes and Technicolor Atoms lab

At least one of these two YouTube videos:

- The Deadly Irony of Gunpowder
- The Chemistry of Fireworks

OPTIONAL: One source of your own (needs to be a reputable source)

PERFORMANCE TASK— FIREWORKS ESSAY:

Turnitin.com (Create a new account if you don't have one)

Class ID & Enrollment Key: See Schoology Update

****PLAGIARIZED PAPERS WILL RECEIVE A ZERO FOR THIS PERFORMANCE TASK AND WILL BE FORWARDED TO THE DIRECTOR OF DISCIPLINE****

EXAMPLE INTRODUCTION

Fireworks are a beautiful display of colors used for celebrations, but how they get their unique colors may not be obvious. Chemistry helps us determine exactly what color a firework will be. Certain metals give off certain colors when heated due to the movement of electrons. We can use a technique such as a flame test to determine exactly what colors those are. Together, these three pieces of information will tell us exactly what color our firework will be.

Figuring Out the Grade	
Hook Grade:	Overall Introduction Grade
Thesis Grade:	
I, II, III Sentences Grade:	
Transition Grade:	

OUTLINE:

I. Main Point 1 - <i>First point to support thesis; Starts first paragraph</i>	
A. Supporting information A - <i>Evidence that supports Main point</i>	
1. Explanation and elaboration	
2. Citation - <i>Where did you get it from (use MLA)</i>	



CLOSURE

- Fireworks Paper Due Friday, 11/17