




## THE MILLENNIUM HIGH SCHOOL

75 Broad Street - 13th floor, New York, NY 10004

PHONE 212-825-9008 • FAX 212-825-9095 • EMAIL 02M418@nycboe.net

Robert Rhodes, Principal

 A collaboration between  
District Two and the YMCA  
of Greater New York

*Dear Rising 10<sup>th</sup> Grader,*

*Congratulations on the successful completion of your 9<sup>th</sup> grade year! To get ready for your next year at Millennium, we have designed a summer assignment that consists of two parts. The first part is an Advisory assignment, which will be turned in to your advisor on the first day of school. The second part is a science assignment, which you will turn in to your science teacher on the first day of school. Have a wonderful summer!*

### **I. Advisory Assignment**

To begin our exploration of the theme of conflict (the theme you will focus on in 10<sup>th</sup> grade), we are asking that you do the following:

- 1) Read **3 books**, at least 2 from the below list and 1 may be your choice.
- 2) Write a letter to your Advisor. Your advisory letter should be at least 2 typed, double spaced, full pages, and should respond to the following prompts:
  - ❖ For each book, discuss the theme of conflict and give at least one example from each book that demonstrates the theme.
  - ❖ Also, discuss how these texts and this theme compare to any book you read or any concept you explored in one of your classes this past year (not including Advisory). Provide details to develop this comparison.

#### **Book List**

Achebe, Chinua	<i>Anthills of the Savannah</i>
Adichie, Ngozi Chimamada	<i>Purple Hibiscus</i>
Azuela, Mariano	<i>The Underdogs</i>
Banks, Russell	<i>Rule of the Bone</i>
Bradbury, Ray	<i>Fahrenheit 451</i>
Danticant, Edwidge	<i>The Farming of Bones</i>
Dorfman, Ariel	<i>Death and the Maiden</i>
Ganesan, Indira	<i>The Journey</i>
Hesse, Hermann	<i>Demian</i>
Mc Court, Frank	<i>Angela's Ashes</i>
Morrison, Toni	<i>Sula</i>
Myers, Walter Dean	<i>Fallen Angels</i>
Mukherjee, Bharati	<i>Jasmine</i>
Perrotta, Tom	<i>Election</i>
Preston, Richard	<i>The Hot Zone</i>
Remarque, Erich Maria	<i>All Quiet on the Western Front</i>
Salinger, J.D.	<i>The Catcher in the Rye</i>
Tan, Amy	<i>The Joy Luck Club</i>
Taylor, Theodore	<i>The Bomb</i>
Temple, Frances	<i>Taste of Salt</i>
Vakil, Ardashir	<i>Beach Boy</i>
Vonnegut, Kurt	<i>Slaughterhouse Five</i>
Walker, Alice	<i>The Color Purple</i>
White, T.H.	<i>The Once and Future King</i>




## THE MILLENNIUM HIGH SCHOOL

75 Broad Street - 13th floor, New York, NY 10004

PHONE 212-825-9008 • FAX 212-825-9095 • EMAIL 02M418@nycboe.net

Robert Rhodes, Principal

 A collaboration between  
District Two and the YMCAs  
of Greater New York

## II. Science Summer Assignment

Primary literature in science consists mainly of scientists' published research. In BioChem I you were introduced to primary literature, such as Watson and Crick's article to *Nature*. In BioChem II, we focus a great deal on reading and interpreting primary literature in order to develop skills in finding and using scientific evidence to support an argument, designing experiments, and writing our own lab reports. In addition, reading primary literature will be an integral part of writing your Exhibition projects in the spring of your 10<sup>th</sup> grade year. To help you get ready for this challenge, please complete the following assignment. We look forward to a great year together in BioChem II.

### Survey

1. Survey the document. You will notice that the sections are divided in the same way our Lab Rubric is divided. As you survey the article, identify the following:

- |                                  |  |
|----------------------------------|--|
| <input type="checkbox"/> Title   | <input type="checkbox"/> Journal Title       |
| <input type="checkbox"/> Authors | <input type="checkbox"/> Date of Publication |

### The Abstract

The abstract is the paragraph just below the title and authors, and is a very brief overview of the entire study. It tells the reader WHAT the scientists did, WHY they did it, HOW they did it, WHAT they found, and WHAT it means. The abstract is the chief means by which scientists decide which research reports to read and which to bypass. Each of the few sentences in an abstract preview for the reader what will be in the subsequent sections of the paper, such as the Introduction, Materials and Methods, Results and Discussion.

2. Identify which sentences in the abstract fit each section.

- |   |  |
|---|--|
| <input type="checkbox"/> <i>Introduction</i>          | <input type="checkbox"/> <i>Results</i>    |
| <input type="checkbox"/> <i>Materials and Methods</i> | <input type="checkbox"/> <i>Discussion</i> |

### The Paper

3. The authors introduce the topic of their paper in the Introduction. Write down some key ideas from this section about what the scientists were investigating.

4. The authors describe their experiment in the Methods section. Summarize what they did in your own words.

5. The Results section of this paper consists of both text and several figures. Find Figure 2 and do the following:

- Identify the independent and dependent variables
- State what conclusions can be drawn from these graphs

6. The Discussion section summarizes the results of the study. What major conclusions do the scientists draw?