

Summer Reading

2010

Our summer reading program provides students with the opportunity to maintain and sharpen their reading and thinking skills over the summer. Summer reading will be integrated into the curriculum. Therefore, all students are required to read the books for the class they are entering in the fall. Summer reading projects count for 20% of the first quarter grade.

All students must complete a graphic organizer for the books assigned. Graphic organizers are attached. Be prepared to write a Book Review, Character Analysis, or an Expository Essay on Theme by either Monday, September 13 or Tuesday, September 14 in class. Your teacher will review the writing process on Friday, September 10. You must have your graphic organizer on the day you will be writing your review, analysis, or essay. The graphic organizer and essay will be handed in and graded.

A book review is not the same as a book report. In a review, you evaluate the book. It is not a summary of the book. Your review must explain how you feel about the book. It should persuade the reader to either read the book or avoid reading it. Use the following questions to help you write your review.

- Did you enjoy the book? Why or why not?
- What do you like or dislike about the author's writing style?
- What are your favorite or least favorite aspects of the book?
- Did you learn anything from this book? If so, how will this information be useful to you?

An expository essay follows the structure of introduction, body, and conclusion. The goal of an expository essay is to "expose" the topic in a way that makes the information clear to the writer's audience. Remember, an expository essay is always written in the third person.

When you analyze a character, you will need to review his or her nature or function in the story and relationships with other characters in the story. Explore all four levels of characterization: physical, social, psychological, and moral. At least four characteristics should be included in your analysis. Be sure to provide specific examples from the book that proves whether or not your character possesses these characteristics.

Class 2014

English (be prepared to write a character analysis)

Tears of a Tiger- Sharon M. Draper

Biology (be prepared to write a book review)

Rocket Boys- Homer Hickam, Jr.

World History (be prepared to write an expository essay on theme)

The Ancient Ocean Blues- Jack Mitchell

Class of 2013

English (be prepared to write a book review)

The Wordy Shipmates- Sarah Vowell

English Honors (be prepared to write a character analysis)

The Adventures of Tom Sawyer- Mark Twain

Speak – Laurie Halse Anderson

Physical Education (be prepared to write a book review)

Never Die Easy: The Autobiography of Walter Payton- Walter Payton and Don Yaeger

Or

In These Girls, Hope is a Muscle- Madeleine Blais

Class of 2012

English (be prepared to write an expository essay on theme)

The Things They Carried- Tim O'Brien

Or

A Separate Peace- John Knowles

Honors 11 English

My Antonia- Willa Cather
A Prayer for Owen Meany- John Irving

Be prepared to write a character sketch for one of the characters in *My Antonia* or *A Prayer for Owen Meany*.

Religion (be prepared to write a book review)

Nickel and Dimed- Barbara Ehrenreich

Choose one book from the list of Elective Readings for a class you are enrolled in for September. If there is not a book for you to choose, then you must read:

U.S. History I (be prepared to write a character analysis)

By His Own Hand? - John D.W. Guice

Honors U.S. History I (an assignment will be given in September) ***Mandatory for students enrolled in this course**

The Name of War: King Philips War and the Origins of American Identity- Jill Lepore

Multimedia Productions and Adobe Flash

Socialnomics- Erik Qualman

Class of 2011

English (be prepared to write an expository essay on theme)

Grendel- John Gardner

Religion (be prepared to write a book review)

Have a Little Faith- Mitch Albom

Choose one book from the list of Elective Reading for a class you are enrolled in for September. If there is not a book for you to choose, then you must read:

U. S. History II (be prepared to write an expository essay on theme)

FIASCO- Thomas Ricks

A.P. U.S. History II (an assignment will be given in September)***Mandatory for students enrolled in this course**

The Jungle- Upton Sinclair

Elective Reading List

Physics

Einstein: His Life and Universe (be prepared to write a book review)

Fundamentals of Art-(be prepared to write a book review)

Why Right Brainers Will Rule the Future- Daniel Pink

Second, Third, and Fourth Year Art Students (an assignment will be given in September)

My Name is Asher Lev- Chaim Potok

Anatomy and Physiology (be prepared to write an expository essay on theme)

Dead Men Do Tell Tales- William Maples and Michael Browning

French III (an assignment will be given in September)

Le petit Prince – Antoine de Saint Exupery

Spanish III (an assignment will be given in September)

House of Spirits- Isabel Allende

Psychology and Sociology (be prepared to write a character analysis)

Tuesday's With Morrie- Mitch Albom

Multimedia Productions and Adobe Flash

Socialnomics- Erik Qualman

Graphic Organizer -- Character Analysis

Character=s Name	Background Information	Accomplishments	Abilities	Characteristics

Graphic Organizer -- Book Review

Book Title _____

Chapter Title or Number	Main Idea of Chapter	Thoughts / Questions

Conflict	Climax	Falling Action
Antagonist		Point of View
Protagonist		Theme
Setting		Ending

SUMMER WORKSHEET PROBLEMS

GENERAL & HONORS CHEMISTRY

**St. Mary High School
64 Chestnut Street
Rutherford, NJ 07070
(201) 933-5220**

E-Mail paiello@stmaryhs.org

INSTRUCTIONS

- (1) SHOW ALL WORK** (as illustrated in the examples)
- (2) REMEMBER TO USE THE CORRECT UNITS**
- (3) E-Mail Dr. Pat if you have any questions.**

CONVERSION EXAMPLES

(1) How many cars can you get for 14 bunnies if the exchange rate is 3 cherries for 2 bunnies and 5 cars for 4 cherries?

$$14 \text{ bunnies} \times \frac{3 \text{ Cherries}}{2 \text{ Bunnies}} \times \frac{5 \text{ Cars}}{4 \text{ Cherries}} = ??? \text{ Cars}$$

Cross out units that are similar in the numerator and in the denominator to get how many cars you can obtain.

Solve the following problem below by using the following model.

(2) A gymnast is required by his coach to run 10 kilometers per day. What does this represent in the English system knowing that 1.6 km = 1 mile?

STEP 1: Write the KNOWN
Distance = 10 km

STEP 2: Write the UNKNOWN
Distance = ? Miles

STEP 3: Write the equivalence statement in FRACTIONAL FORM

$$1.6 \text{ km} = 1 \text{ mile} ; \quad \frac{1.6 \text{ km}}{1 \text{ mi}} ; \quad \frac{1 \text{ mi}}{1.6 \text{ km}}$$

STEP 4: Solve for the unknown starting with the known.

$$10 \text{ km} \times \frac{1 \text{ mi}}{1.6 \text{ km}} = 6.25 \text{ miles}$$

NOTE: LABEL ALL THE NUMBERS GIVEN BY THE PROBLEM.
IT IS IMPORTANT!!!

(3) On a bottle of milk, a buyer could read 1 qt of milk or 973 mL. How many milliliters of milk are there in 15 quarts of milk?

1. milk = 15 quarts

2. milk = ?? mL

3. 1 qt = 973 mL; $\frac{1 \text{ qt}}{973 \text{ mL}} ; \quad \frac{973 \text{ mL}}{1 \text{ qt}}$

4. $15 \text{ qt} \times \frac{973 \text{ mL}}{1 \text{ qt}} = 1095 \text{ mL}$

THIS IS HOW YOU SHOW WORK FOR ALL THE PROBLEMS.

DIMENSIONAL ANALYSIS WORKSHEET

16 oz = 1 lb	1 in = 2.54 cm	1 kg = 1000g	15 birds = 1 dog
1 oz = 28.35 g	1 ft. = 12 inch.	1 m = 1000mm	6 birds = 1 cat
1 kg = 2.2 lbs	1 mile = 1.61 km	1 m = 100cm	4 birds = 1 frog
1L = 1.06 qts	1 mile = 1,760 yd	1 m = 10 dm	2000 lbs = 1 ton
1 gallon = 4 quarts		1 L = 1000ml	

**Perform the conversions using dimensional analysis.
SHOW ALL WORK!!! (As demonstrated in the previous examples)**

- (1) 3.61 lbs to Kgs
- (2) 0.43 oz to Grams
- (3) 860.0 g to pounds
- (4) 4760 g to Tons
- (5) 83.6 inches to cm
- (6) 713 feet to meters
- (7) 27.3 meters to inches
- (8) 0.635 mm to inches
- (9) 3.17 gallons to liters
- (10) 0.821 quarts to ml
- (11) 81.6 ml to qts
- (12) 30.2 L to gallons
- (13) 7 dogs to cats
- (14) 4 Cats to Frogs
- (15) 3 Frogs to Dogs
- (16) 3.0 Quarks to Bugs
- (17) 1.3 mabees to quarks
- (18) 7.0 whos to bugs
- (19) 8.75 kuz to quarks
- (20) 2.5 bugs to kuz
- (21) 2.0×10^{-3} quarks to mabees

(22) 900. quarks to whos

(23) 4.8×10^5 kuz to mabees

(24) 205 mabees to whos

(25) 0.56Kg = ??? mg

(26) 1.2ng to grams

(27) 2.0 inches to mm (Use 2 steps)

(28) 500 Feet to Meters

(29) Three weeks to minutes

(30) 50 ml to cups (1 liter = 4.226 cups)

(31) 5.33km to dm

(32) Three yards to inches

(33) 9 inches to cm

(34) 29 lbs & 4 oz to kg 16 oz = 1 pound

(35) 210 cm to inches

(36) 3.05 meters to feet

(37) 14 gallons to liters

(38) 2.5 liters to quarts

(39) One 1.6 oz of package of cinnamon and spice oatmeal contains 34 grams of carbohydrates. If you had instant oatmeal 6 days a week, how many ounces of carbohydrates would you consume in one week?

(16 oz = 1 lb = 454 g = 256 drams = 7000 grains)

Many candybars have 9 grams of fat per bar. If during a "chocolate attack" you ate one pack of candy (6 dekabars) , how many ounces of at would you have eaten? There are approximately 9 calories per gram of fat, how many calories is this?

(40) If the RDA for vitamin C is 60mG per day and there are 70 mG of vitamin C per 100 Grams of orange, how many 3 oz oranges would you have to eat each week to meet this requirement?

(41) A mosquito travels at 731 feet per second. How many miles per hour is that?

(42) The diameter of the sun is estimated at about 865,000 miles and its average density is 1.4 g/cubic cm. What is its mass in kilograms?