



Grade 9 Summer Reading & Academic Enrichment Packets 2017

Dear Class of 2021 Student and Parent/Guardian:

Participation in the Summer Reading Program is a *required* element of the curriculum at the Blue Hills Regional Technical School. *All freshmen students are required to read one book independently over the summer and to do a Biology enrichment packet.*

Assignment 1:

This year the ninth graders are required to read Heroes, Gods and Monsters of The Greek Myths for English.

Why Heroes, Gods and Monsters of the Greek Myths?

Greek mythology has broadly impacted modern culture, the arts, and literature. Poets and artists from ancient times to the present have been inspired by Greek mythology and have discovered contemporary significance and relevance in these mythological themes, many of which will be studied throughout the course of high school literature classes. Because of the many references in literature, incoming freshmen are required to read Heroes, Gods and Monsters of The Greek Myths. This book serves as a nice introduction to the Greek Gods, Demi Gods and Nature Myths as well as a useful reference to the many allusions that occur in literature classes.

During the first week of school, all freshmen classes will work on curriculum focused around Greek mythology. Students need to come prepared to participate in group work, whole class discussion, as well as expect projects, quizzes and writing assignments centered on their summer reading book.

Requirement along with *Heroes, Gods and Monsters...*

Due to the many quick stories and numerous characters that are in this book, it is important to keep track. Below is a packet of questions that must be completed along with the reading and handed-in to your English teacher on the first day of academics. This will be counted as the first grade of the term and will be used during the first weeks of school.

GENERAL INSTRUCTIONS

- Read Heroes, Gods and Monsters of the Greek Myths
- Keep track of the many gods, demi gods and myths using this packet
- Pass in on the first day of academic class.
- **Your work must be original. Plagiarism will result in a 0%.**

Bernard Evslin's Heroes, Gods and Monsters of the Greek Myth

- The following may be typed or hand-written.
- Label each section of questions.
- Either
 - Answer in complete sentences so it is clear what the question was.
 - Or provide the question and the answer for each.

THE GODS

Zeus pp. 3-5

1. Who is the father of all the gods?
2. Why did Cronos fear his children?
3. Name the children of Cronos and Rhea.
4. How and why did Rhea trick her husband?
5. Describe the Titans and Cyclops.

Hera pp. 6-7

1. Who is Hera?
2. Why did Zeus and Hera always quarrel?
3. Name and identify Hera and Zeus' three children.

Athene pp. 8-14

1. Why did Zeus first love, then fear Metis?
2. Explain the bizarre manner of Athene's birth.
3. Why was Athene given domain over intellectual activities?
4. How did Arachne anger the gods?
5. Summarize the weaving contest between Arachne and Athene.
6. What are arachnids? How did they acquire their name according to this Greek myth?

Poseidon pp. 15-18

1. What does Poseidon rule?
2. According to mythology, why do we have horses?
3. According to this myth, why do we also have hippopotamus, giraffe, donkeys and zebras?

Hades pp. 19-21

1. Identify the River Styx. Charon and Cerberus.
2. Who gives out judgement upon the souls of the departed?
3. What was the punishment for Sisyphus?
4. What was the punishment for Tantalus?

Demeter pp. 22-25

1. What is Demeter the ruler of?
2. Who kidnapped Persephone?
3. What became of the earth when Demeter plunged into mourning over the loss of her daughter?

4. Why was Persephone not permitted to leave Hades permanently?
5. The story of Demeter, Hades and Persephone is a famous myth story. What mysteries in nature were explained through this classical myth?

Birth of the Twins pp. 30-31

Identify the Following:

1. Leto
2. Python
3. Delos

Artemis pp. 32-35

1. What did Hephaestus make Apollo?
2. What did Artemis want from Zeus?
3. What did Artemis actually receive and from whom did she receive it?

Apollo pp. 36-38

1. What is Apollo the god and patron of?
2. What is the origin of the river Marsyas?

Sons of Apollo pp. 39-43

1. Identify the sons of Apollo.

Hermes pp. 43-48

1. What did Hermes steal from Apollo?
2. Explain the significance of Apollo's musical instrument the lyre.
3. What was Hermes' next gift to Apollo?
4. What did Hermes' request from Zeus?
5. What are Hermes' duties for Hades?
6. Name at least two items identified with Hermes.

Hephaestus pp. 48-50

1. Why was Hera disappointed in her son?
2. How did she show this disappointment?
3. How did Hephaestus return to Olympus?
4. What are Hephaestus' titles?
5. Explain the origin of the volcano according to this myth.

Aphrodite pp. 50-52

1. Explain why Aphrodite's work is her pleasure.
2. Explain the nature of Aphrodite's birth.
3. What gifts were offered to Aphrodite and by whom were they offered?

NATURE MYTHS

Prometheus pp. 55-58

1. What was Zeus' philosophy regarding gifts?
2. What did Zeus fear would happen to man if he was given fire?
3. How did man get fire? How did man react to this gift?
4. How did Zeus punish Prometheus?

Pandora pp. 59-62

1. What was Zeus' purpose in sending Pandora to earth?
2. Who did she marry? (Name and who he is related to)
3. Who created her? Identify the gifts from the following gods:
 - a. Hera
 - b. Aphrodite
 - c. Hermes
4. What specific instructions were given about the golden box?
5. What happened when the box was opened? What one thing never escaped?

Phaethon

1. Who was the father of Phaethon and who was the father of Epaphus?
2. What was the mythological explanation for day and night?
3. How did Apollo discover that his son was trying to see him?
4. What did Phaeton ask to do and why?
5. Explain the disastrous trip of Phaeton.
6. What natural phenomena do we have because of this event?

Orpheus pp. 74-83

You are not responsible for this reading. You may skip to the Demi Gods section of the text.

Narcissus and Echo pp. 84-90

You are not responsible for this reading. You may skip to the Demi Gods section of the text.

Eros and Psyche pp. 91-101

You are not responsible for this reading. You may skip to the Demi Gods section of the text.

Arion pp. 102-105

You are not responsible for this reading. You may skip to the Demi Gods section of the text.

DEMI GODS

Perseus

1. Why did Acrisios want to get rid of his daughter?
2. Describe Medusa. What will happen to anyone who looks at her?
3. Who is Polydectes?
4. Who are the Grey Sisters and the Nymphs of the West?

5. What did Perseus promise Polydectes?
6. What gifts were given to Perseus to fight against Medusa?
7. When Perseus returns to Seriphos, what did he find happening?
8. How did the prophecy made by the Oracles at Delphi come true?

Daedalus pp. 134-144

1. What god favored Daedalus?
2. Who was Talos? What did he invent?
3. How did Daedalus feel about the invention?
4. What happened to Talos?
5. Where did Daedalus move to? What was his new job?
6. Why was Minos fond of bulls?
7. How did Aphrodite get vengeance against Pasiphae?
8. Who was Minos? Pasiphae?
9. How did Daedalus help Pasiphae? What did he make?
10. What was the future prison that Daedalus designed called? Describe it.
11. What is a Minotaur?
12. Who was Icarus?
13. What did Daedalus invent for his escape?
14. What advice did he give to Icarus?
15. What happened to Icarus?

Theseus pp. 145-171

You are not responsible for this reading. You may skip to the Fables section of the text.

Atalanta pp. 172-187

You are not responsible for this reading. You may skip to the Fables section of the text.

FABLES

Midas pp. 191-196

1. Why didn't Midas like Apollo?
2. What was Midas' wish?
3. Who was displeased with Midas' new magic?
4. What happened to Midas' daughter?
5. What new punishment did Apollo give to Midas?
6. Explain how Midas learned his lesson.
7. What lesson did Midas learn?

Pygmalion pp. 197-204

1. Why were the women of Cypress displeased?
2. What goddess favored the island of Cypress? Why?
3. Who did Pygmalion say he wanted to marry?
4. What request did Pygmalion make?
5. Who was Galatea and what did she say to Pygmalion?

Summer Biology I Project, Grade 9

Directions: The following assignment should be completed in a small notebook, or typed on a computer.

Part 3-making the cabbage pH indicator is optional-extra credit will be rewarded.

Part 1: Define the following words. Look for scientific definitions wherever possible.

- | | |
|--------------------------------|------------------------------------|
| <input type="radio"/> Atom | <input type="radio"/> Base |
| <input type="radio"/> Element | <input type="radio"/> Neutral |
| <input type="radio"/> Compound | <input type="radio"/> Carbohydrate |
| <input type="radio"/> Organic | <input type="radio"/> Lipid |
| <input type="radio"/> Acid | <input type="radio"/> Protein |

Part 2: Keep a food journal for two consecutive weeks. Write down food consumed at every meal, including snacks and desserts. Food items should then be organized into categories of: carbohydrate, protein, or lipid. An example can be found on the last page of the packet.

Part 3 (optional): Make your own pH paper to test food items around your house. Food items should be identified as acids or bases. An example can be found on the last page of the packet.

Materials:

Coffee filters
1 head of red cabbage
Large pot, filled with water
Kitchen knife
Cooling/drying rack

Directions:

1. Chop up the red cabbage with a kitchen knife. *Make sure you use adult supervision for this step!*
2. Add the cabbage to a pot of water. There should be just enough water to cover the cabbage.
3. Cover the pot with the lid, and bring the pot to a boil on the stove.
4. Reduce the heat to medium, remove cover, and let the cabbage cook for half an hour.
5. Remove from heat, and let the mixture cool completely.
6. Strain the liquid into another bowl, and discard the cooked cabbage.
7. Soak the coffee filters in the liquid for at least half an hour.
8. Lay the coffee filters out to dry. Once dry, store them in an airtight container or plastic bag until ready to use. The paper will turn pink/red in the presence of acids, and blue/green in the presence of bases. *Should be used within 3-4 days.

Test any ten (10) of the following items with the home-made pH paper:

- Orange juice
- Milk
- Toothpaste
- Soapy water (hand soap)
- Soapy water (dish detergent)
- Black coffee
- Soda (any variety)
- Vinegar
- Salt water
- Bleach (*adult supervision required with this step.)
- Shampoo
- Conditioner
- Salad dressing
- Raw egg
- Pickle juice
- Olive juice
- Energy drink (any brand)
- Any household cleaner (Lysol, Windex, etc.)
- Mouthwash
- Soy sauce
- Ketchup
- Mustard

Part 4: Write a one-to-two page research paper on the following topic. Use your food journal and your pH tests to help you. Make sure to write down all of your sources of information, whether they come from books, magazines, newspapers, or the internet.

Why are acids and bases important to the functions of the human body? How can the pH of our food affect us? Research one popular diet plan (Weight Watchers, low carb, juice cleanses, etc.) and decide whether or not that plan is, in fact, healthy to follow.

Example of Food Journal:

Date: _____

<p>Breakfast:</p> <p>Two eggs, 3 strips of bacon, and 1 piece of white toast with butter and strawberry jelly</p>	<p>CARBOHYDRATES: white toast, jelly</p> <p>PROTEINS: eggs, bacon</p> <p>LIPIDS: bacon, butter</p>
<p>Lunch:</p> <p>Turkey and cheese sandwich with mayonnaise, a handful of potato chips, and an apple</p>	<p>CARBOHYDRATES: bread, apple, chips</p> <p>PROTEINS: turkey, cheese</p> <p>LIPIDS: cheese, mayo, chips</p>
<p>Dinner:</p> <p>Grilled chicken over pasta with tomato sauce and garlic bread. Salad with carrots and tomatoes.</p>	<p>CARBOHYDRATES: pasta, tomato sauce, garlic bread, salad, veggies</p> <p>PROTEINS: chicken</p> <p>LIPIDS: garlic bread</p>
<p>Snacks/Desserts:</p> <p>1 package of peanut butter crackers</p> <p>2 Oreo cookies</p>	<p>CARBOHYDRATES: crackers, cookies</p> <p>PROTEINS: peanut butter</p> <p>LIPIDS: peanut butter, Oreo cream</p>

Example of pH Journal:

Food Item	Acid or base?
Lemon juice	Acid
Baking powder	Base

Project Rubrics

Category/Points	0-3 points	4-7 points	8-10 points
Vocabulary	None or few terms defined correctly	Some or most terms defined correctly	Most or all words defined correctly

Category/Points	0-5 points	6-10 points	11-15 points
Food journal	Less than a week's worth of meals accounted for and/or documented incorrectly	Approximately one week's worth of meals accounted for and/or documented correctly	Most or all of two week's meals accounted for and documented correctly

Category/Points	0-1 points	2-3 points	4-5 points
pH testing	Zero to three items tested and/or identified correctly	Several items tested and/or identified correctly	Most or all ten items tested and identified correctly

Category/Points	0-10 points	11-20 points	21-30 points
Research paper	No paper done, or paper did not answer all questions. Sources missing.	Paper answers some or most of the questions asked. Some sources cited.	Paper answers most or all of questions asked. All sources cited.

Total grade: _____ / 60 points

*****This grade counts as a test score for Term 1.**