

## 2018 8<sup>th</sup> PreAP Summer Reading Assignment

These assignments are due the first day of school. Failure to do these assignments will result in a schedule change to an on-level class. You will have two books.

Read *The Luster of Lost Things* by Sophie Chen Keller. This book is readily available from the public library or local bookstores. I have two copies that I will check out; please return these the first day of school.

Assignments:

Answer the following questions and bring your paper the first day of school:

1. Ruby gives Walter the "first gift [he has] been given from someone who is not Lucy" (p. 275). What does Ruby show Walter about the world? How does her friendship change him? This answer should be at least a paragraph - 5 or more sentences.
2. Write 1-2 paragraphs about a gift you received that changed you.
3. How does Walter's inability to speak shape his character? In what ways does his speech change throughout the book. This answer should be at least a paragraph - 5 or more sentences.
4. Join the *Google Classroom* for this book - **b5wg2g**. I will post a discussion question July 30th. You will need to post an answer to the question and post a response to another student's answer. Your response should be several sentences and should reflect either your agreement with their ideas or how you disagree with their ideas. Posts must be completed by August 17th.

This will be done in class:

5. One of the themes of this book is about kindness. Think about a kind thing you have done for someone else, or think about a kind thing that someone else has done for you. Think about how you can connect this with Walter's story. Be prepared to write 3-5 paragraphs about this in the first week of school.

Read a book of your choice. You may use your PreAP Science book for this assignment, or you may choose a book from the attached list.

For your choice book, you will have a choice to create either:

1. a poster that includes the following elements, OR
2. A Powerpoint or Prezi presentation (on a flashdrive) that contains the following elements:
  - A. A brief description of the two characters you believe are most important. Include a picture of something that you believe would symbolize each character.
  - B. A timeline of major events of the book. Include at least 6 events including the climax and resolution. You will need to briefly describe the event; please do not just list.
  - C. A picture, either hand-drawn or created on a computer, of a setting from the book. Explain where this setting falls within the plot line. Please do not use a picture from a movie or a picture you found on the internet; you should create this picture.
  - D. Your review of the book. This must be in your own words. I do not want something from the book's cover or from a website. This should be at least a paragraph. At the end of the review, give the book a rating: 1- 5 stars with 5 stars being the best.

## Summer Reading List

Choose a book from the lists below that you have not read before. I have listed them by genre, although some books go across more than one genre. If you want further information about a book before you choose, you can look at the school library, look at the Amarillo Public Library website ([www.amarillolibrary.org](http://www.amarillolibrary.org)), or look at the Amazon website. Books with a \* either are higher level or have a mature theme.

### Classics:

<i>The Secret Garden</i>	Frances Hodgson Burnett
<i>Anne of Green Gables</i>	L.M. Montgomery
* <i>Little Women</i>	Louisa May Alcott
* <i>Little Men</i>	Louisa May Alcott
* <i>Swiss Family Robinson</i>	Johann David Wyss
* <i>Adventures of Tom Sawyer</i>	Mark Twain
* <i>Pride and Prejudice</i>	Jane Austen
* <i>Emma</i>	Jane Austen
* <i>The War of the Worlds</i>	H. G. Wells

### Fantasy/Science Fiction:

<i>The House of Scorpions</i>	Nancy Farmer
<i>Harry Potter</i> (any)	J.K. Rowling
<i>Inkheart</i>	Cornelia Funke
<i>The Dark is Rising</i> (any of the series)	Susan Cooper
<i>The Hunger Games</i> (any of the series)	Suzanne Collins
<i>Tesla's Attic</i>	Neil Shusterman
<i>Divergent</i> or <i>Insurgent</i> or <i>Allegiant</i>	Veronica Roth
* <i>Ender's Game</i>	Orson Scott Carde
<i>The Maze Runner</i> (any of the series)	James Dashen
* <i>Legend</i>	Marie Lu
<i>Steelheart</i>	Brandon Sanderson

**Historical Fiction:**

* <i>Across Five Aprils</i>	Irene Hunt
* <i>The Book Thief</i>	Markus Zusak
* <i>The War That Saved My Life</i>	Kimberly Brubaker Bradley
* <i>Code Name Verity</i>	Elizabeth Wein
<i>Lizzie Bright and the Buckminster Boy</i>	Gary D. Schmidt
<i>Girl in an Iron Cage</i>	Jane Yolen/Robert Harris
<i>The River Between Us</i>	Richard Peck

**Realistic fiction/Coming of age/issue novels:**

<i>Dacey's Song</i>	Cynthia Voigt
<i>Izzy, Willy-Nilly</i>	Cynthia Voigt
<i>Solitary Blue</i>	Cynthia Voigt
* <i>Breathing Underwater</i>	Alex Flinn
<i>Say Goodnight, Gracie</i>	Julie Reece Deaver
* <i>Jumping the Nail</i>	Eve Bunting
<i>Okay for Now</i>	Gary Schmidt

**Mystery:**

<i>The Calder Game</i>	Blue Balliett
<i>Chasing Vermeer</i>	Blue Balliett
* <i>Killing Mr. Griffin</i>	Lois Duncan
<i>The Hollow</i>	Agatha Christie
<i>A Murder is Announced</i>	Agatha Christie

**Nonfiction:**

* <i>Travels With Charlie</i>	John Steinbeck
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# **BUSHLAND MIDDLE SCHOOL**

## **PRE-AP SCIENCE /8th Grade**

### **WHAT IS PRE-AP?**

Pre advanced placement classes are on-grade level academically advanced courses designed to challenge motivated students to understand rigorous content. The coursework requires students to engage in independent and analytical assignments.

### **WHAT STUDENTS SHOULD EXPECT IN PRE-AP?**

Students enrolled in Pre-AP should expect the following:

- A faster class pace
- More depth in classroom discussion
- Increased amount of reading
- More open-ended and essay style questions
- Additional demands on time, personal organization, and commitment
- Overall greater academic expectations on assignments and time management

### **CHARACTERISTICS THAT INFLUENCE SUCCESS IN PRE-AP**

Students that possess the following characteristics have been shown to have success in the Pre-AP classroom:

- Strong study skills and self-motivation
- Proficient oral and written communication skills
- Self-discipline to plan, organize, and carry out assigned tasks
- Interest and self-directedness in a particular subject
- Above average grade in the previous year related to content area
- Enjoy the higher questioning practices needed in science exploration

### **PRE-AP SCIENCE vs. REGULAR SCIENCE**

<b>PRE-AP</b>	<b>REGULAR</b>
<i>Implementation of Inquiry based labs -students will be designing some labs over concepts</i>	<i>-Guided Labs -students will participate in guided lab investigations</i>
<i>Lab Reports -students will learn lab report procedure and be required to write 4-6 lab reports</i>	<i>Lab Reports students will learn lab report procedure and be required to write 2 lab reports</i>
<i>Test Questions -Multiple Choice, Open-ended, Short Essay</i>	<i>Test Questions -Multiple Choice, Open-ended</i>
<i>Vocabulary -Students will be integrating Latin root words related to vocabulary words of certain Science concepts</i>	<i>Vocabulary -Students will be responsible for Science content vocabulary</i>
<i>The percentage of independent learning will be significantly higher</i>	<i>The percentage of Direct teaching will be higher than that of independent learning</i>
<i>Completion of outside requirements for Pre-AP</i>	<i>N/A</i>

## **REQUIREMENTS:**

These requirements must be fulfilled to receive credit for Pre-AP Science. Details about the first 3 requirements can be found below.

- 1. Summer Reading Assignment**(Listed Below):
  - Choose one of the fictional books from the list and read it.
  - Then read the current event article that is listed with the book.
  - Complete a Venn diagram of the 2 readings.
  - Write a one page paper over the topic discussed in the book and the article.
- 2. Science Fair**
  - Must participate in the Bushland Middle School Science Fair (December 12th)
  - Must have three ideas submitted and one approved before the school year starts. When you have all three of your ideas, submit them through email at the following email address: [madyson.lane@bushlandisd.net](mailto:madyson.lane@bushlandisd.net).
- 3. Students must complete 2 of the following events during the school year.** (Students will have to commit to two events by the 3rd week of school and have their parents sign off on them.) \*The participation for these events are limited because the number of teams allowed is limited.
  - \*Egg Drop Competition –Discovery Center/November
  - WISE Stemtastic Day (Applies to Girls only)/November
  - UIL Academics/Science-TBA/November
  - Community Service Project-TBA/January
  - \*Science Bowl/-WTAMU/February
  - TAME Science/Math Competition (*Possibility of State Advancement*)-AC/February
  - \*Catapult Challenge-Discovery Center/May
  - MS Garden Project-Choose to be active throughout the Fall semester or Spring semester
  - Robotics Team Member
  - Google Science Fair-Registration/Spring 2018
- 4. Students *must* also try-out for placement on the Bushland Science Bowl team.** Only 15 students will be selected. Students can choose not to participate on the team if selected after the try-outs.

## **SUMMER READING ASSIGNMENT:**

1. Students must choose one of the books on the list below and read it during the summer. They must also read the current event article that goes along with it.
2. Venn Diagram – Create a Venn Diagram between the book and the article. You have to have a minimum of 5 attributes in each section of the Venn Diagram.
3. Point of View Paper – Using the information you read from both sources write a one page reflecting your point of view on this topic. Your paper should include the following:
  - Background information on topic/Include references
  - Your point of view with supporting details
  - Your review on the book and review on the article
  - Must be typed, single-spaced, 12 point font, with a title, and your first and last name

<b><i>BOOK/TOPIC</i></b>	<b><i>AUTHOR</i></b>	<b><i>CURRENT EVENT ARTICLE</i></b>
<i>Tesla's Attic (Artificial Intelligence)</i>	Neal Shusterman	<a href="http://www.bbc.com/news/business-34266425">http://www.bbc.com/news/business-34266425</a>
<i>Emerge Series *Read one book out of the series (Impacts of Disease)</i>	Heather Sunseri	<a href="https://www.sciencenewsforstudents.org/article/record-ebola-epidemic-strikes">https://www.sciencenewsforstudents.org/article/record-ebola-epidemic-strikes</a>
<i>October Sky (Space Exploration)</i>	Homer Hickman	<a href="http://news.nationalgeographic.com/2015/11/151111-mars-mission-fail-history-astronaut-science/">http://news.nationalgeographic.com/2015/11/151111-mars-mission-fail-history-astronaut-science/</a>
<i>Red Planet (Space Exploration)</i>	Robert A. Heinlein	<a href="https://www.sciencenewsforstudents.org/article/keeping-space-missions-infecting-earth-and-other-worlds">https://www.sciencenewsforstudents.org/article/keeping-space-missions-infecting-earth-and-other-worlds</a>
<i>The House of Scorpions (Cloning)</i>	Nancy Farmer	<a href="https://www.sciencenewsforstudents.org/article/stem-cell-any-cell">https://www.sciencenewsforstudents.org/article/stem-cell-any-cell</a>

## **EVENT COMMITMENT FORM**

Date \_\_\_\_\_

Name of Student \_\_\_\_\_

List two events that you will be participating in for the 2018-2019 school year. Also list a 3rd choice in case you do not make one of the other two events.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

I, \_\_\_\_\_, agree to participate in 2 of the events listed above. I understand that if I fail to participate in the events then I am not fulfilling the requirements for PRE-AP Science as set by the Bushland MS Science Department.

\_\_\_\_\_  
Student Name

\_\_\_\_\_  
Parent Name

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Parent Signature