



## 2022-23 Book List

### Medieval Humanities

Mr. Hill

In the first few centuries after Christ's ascension, over half the world's population lived in one of two empires: one dominating the Yellow River Valley in East Asia, the other engulfing the entire Mediterranean world. This year, we will experience the remarkable stories of how this Mediterranean empire split culturally, politically, and geographically into **three** distinct regions that laid the foundations of our modern world.

In the Northeast, **Byzantium** became the new center of power, fueled by its proximity to the busy trade routes of Syria and Asia Minor, its rich social fabric, and its diverse political hierarchy. However, when the southern portion of the old Roman Empire (**Syria and North Africa**, including the bread basket of Egypt) fell to Muslim armies, Byzantium gradually became less international and more Greek, giving way to a unique culture that survives through the Greek Orthodox Church today. Muslim thought and Arabic society now dominated the southern portion of the old Empire as waves of competing cultural tides lapped back and forth at its borders, particularly in Spain where Islam met the final fragment of Rome's glory, **Western Europe**. What was once the most sparsely populated quadrant of the Roman Empire eventually became the birthplace of 'the West', giving shape to our modern systems of education, politics, law, and religious expression.

Whether you've read it once or ten times, I hope you'll see why Tolkien claimed *Beowulf* held a special place in his heart. It displays the Germanic mindset and resolve that battered Rome into a conglomeration of competing kingdoms. We meet Beowulf's Anglo-Saxon cousins in *The Prose Edda* and *The Volsung Saga* who spread their stories (and their dread) from the Americas to Byzantium during the Viking Age. The Arthurian legends (*Gawain*, *Pearl*, *Orfeo*, and Chretien's *Romances*) illustrate the interaction between civil and religious sectors of Western society that created the ideas of chivalry and courtly love. *The Divine Comedy*, *Piers Plowman*, and *The Canterbury Tales*, each provide their own earthy, relatable descriptions of how people lived in Medieval Europe and voice complaints about the church that predate the Reformers by over two hundred years. Finally, in *The Tale of Genji*, we will see a Japanese counterexample of how courtly society functions, cultural ideals form, and regional literary and philosophical traditions interact. The exploration of how these worlds competed and influenced each other, and how their patterns compare and contrast to the vast realm of Chinese influence, can occupy a lifetime. We will have to settle for a year.

I have endeavored to choose translations that balance accessibility with preserving the beauty and grandeur of these pieces of art. In addition to the listed books, I will provide various reading packets to fill out our knowledge of phenomena like the 12th century Renaissance, 13th century Romanticism, Christian mysticism, Arabic philosophy, the harsh intrigue of Byzantine politics, etc.

**Note: You must have access to the assigned reading during each class meeting. If you do not bring your book to class, you will be counted absent without excuse.**

[Beowulf](#). Translated by Seamus Heaney. ISBN-13: 978-0393320978

Snori Sturluson, [The Prose Edda](#) (Everyman Library Edition). Translated by Anthony Faulkes. ISBN-13: 978-0460876162

[The Saga of the Volsungs](#). Translated by Jackson Crawford. ISBN-13: 978-1624666339

Chretien de Troyes, [Arthurian Romances](#), Translated by William Kibler and Carleton Carroll. ISBN-13: 978-0140445213

William Langdon, [Piers Plowman](#). Translated by J.F. Goodrich. ISBN-13: 978-0140440874

Geoffrey Chaucer, [The Canterbury Tales](#), Norton Critical Edition. ISBN 13: 978-0393925876  
[Note: while any original language edition of the Canterbury tales will do, the Norton provides helpful glosses and notes as the students become acquainted with reading Middle English.]

Murasaki Shikibu, [Genji & Heike: Selections from the Tale of Genji](#). Translated by Helen Craig McCullough. ISBN-13: 978-0804722582 [Used copies are recommended to save money.]

Dante Alighieri, [The Divine Comedy](#). Translated by John Ciardi. ISBN 13: 978-0451208637 [We will read excerpts from all 3 sections of the Divine Comedy.]

[Sir Gawain and the Green Knight, Pearl, Orfeo](#). Translated by J.R.R. Tolkien ISBN-13: 978-0358652977

**Freshmen:**

Flowers, Nancy. [Vocabulary from Classical Roots, Book A](#), ISBN 13: 978-0838822524

**Sophomores & Juniors:**

Flowers, Nancy. [Vocabulary from Classical Roots Book B](#), ISBN 13: 978-0838822548

## **Bible**

Pastor Perkins and Pastor Murphy

A copy of the Bible. ([this chart](#) illustrates where the recommended translations fall on the spectrum of literal to dynamic; use of paraphrastic translations, e.g. The Message, is acceptable only as a supplement)

## **Science**

Mr. Bilbro

Textbook: Chemistry published by Pearson in 2017. (The version published in 2012 seems much more common on the used market for some reason. I did find it for sale [here](#)). ISBN: 9781323205907. \*Important to get the 2017 edition and not to get the Foundation Edition.

The students are also required to have a lab notebook. One good option that is reasonably priced can be purchased [here](#).

We will be doing several labs throughout the year. Some will involve substances that can stain clothing or should be kept away from skin. For this reason a lab coat or some type of protective attire is suggested but not required. There are several lab coats available from Amazon for about \$16. A large shirt (Value Village?) could also be used to provide protection.

## **Pre-Algebra**

Mrs. Wang

- 1) [Pre-Algebra Textbook](#) (Revised) Fourth Edition # 31915501, Publisher: Abeka
- 2) [Pre-Algebra Solution Key for Selected Problems](#) (Revised) ISBN: 9780000319203
- 3) [Pre-Algebra Quiz and Test Student Book](#) (Revised) ISBN: 9780000319227

## **Geometry**

Mrs. Wang

- 1) [Geometry Text 3rd Edition](#) (Jacobs)

Publisher: Master Books ISBN: 978-1-68344-254-7

Note: you can buy used book with publisher W.H. Freeman & Co at Homeschool

Potpourri <https://hspbooks.com>, ISBN-10: 0716743612, ISBN-13: 978-0716743613

- 2) [Geometry Solution Manual 3rd Edition](#) (Jacobs), Publisher: Master Books, ISBN: 978-1-68344-021-5

Note: you can buy used book with other publishers as W.H. Freeman & Co or My Father's World, Printing at Homeschool Potpourri <https://hspbooks.com>

- 3) [Geometry: Seeing, Doing and Understanding Test bank Third Edition](#) (My Father's World printing) (Lowest price), ISBN:9781619991156

# Algebra I

Mrs. Grigas

Students need a textbook and a solution manual. The solutions manual contains all answers and step-by-step solutions to many problems. Students will use it daily to check their work.

The textbook is readily available used and is very inexpensive; any edition 1994 or later is fine. You can find copies on most used textbooks sites. Keep in mind you can get a new one from the publisher for around \$45, used should be \$20-30. The solutions manual is harder to find used but ask around.

To order the solutions manual from the publisher and/or a new textbook:

Call Pearson Customer Service Center at (800) 848-9500 and request a home school letter.

They will set you up with an account so you can place your order.

If you need to order a new solutions manual, I suggest you do that ASAP. The publisher tends to have copies in stock in the early summer and back-orders in the fall can take a long time.

Algebra I students will need:

1. Textbook

Algebra I: Expressions, Equations, and Applications

Author: Paul A. Foerster

Format: hardcover Edition: 3rd

Publisher: Pearson Prentice Hall.

Date published: 1994-01 is

ISBN-13: 9780201860948

ISBN-10: 0201860945

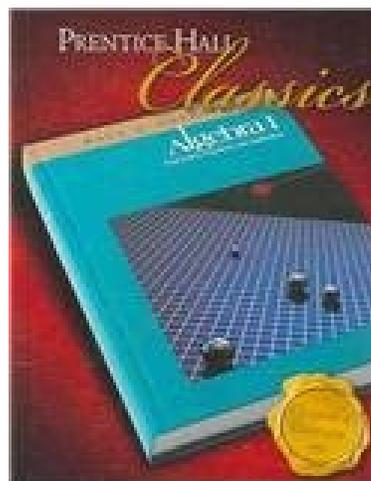
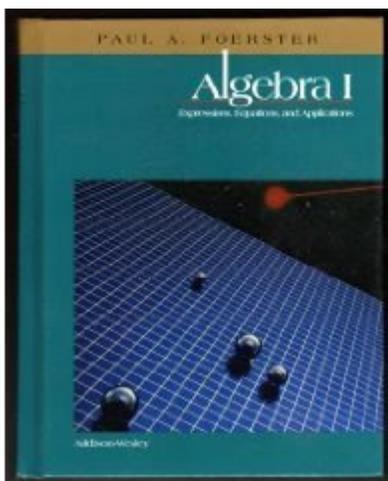
or

1999 classics edition is 9780201324587

or

2006 | ISBN-10: 0131657089 | ISBN-13: 978-0131657083

(either of these covers is ok)



2. Solutions book

ISBN: 0201861003

It is important that your student have this as it gives step by step solutions to homework problems.

The cost from the publisher is around \$45.00 + shipping

## **Computer Science**

Mr. Wilson

The textbooks we will use are online and won't cost the students anything. They will need to sign up before school starts to get access to it and the class portal:

<https://academy.cs.cmu.edu/new-student/LB67-TL81>

Hardware requirements are very light - a laptop or tablet with a keyboard and a mouse.

Chromebooks and newer iPads are welcome as long as there's a keyboard and mouse. Phones are a little too small though.

## **P.E.**

Mr. Hill

(Materials provided by instructor)

## General Supplies

### General:

- A physical planner
- A backpack or bookbag for your books
- 1" (minimum) binder
- Subject dividers for your classes
- College ruled notebook paper
- Pencils and some blue and black pens (and something to store them in)
- 3x5 cards

### English/History:

- College-Ruled Notebook ([example](#))
- A set of different colored highlighter pens ([example](#))
- 1.5" 3-ring binder for organizing secondary source handouts

### Science:

- Lab notebook ([example](#))
- Lab coat or large shirt

### Math:

- Graph paper
- Scientific calculator (for example: Texas Instruments TI-30XS Multiview Scientific Calculator)
- Ruler
- Protractor

### P.E.

- Gym Bag
- Deodorant/wipes
- Shorts (gals, not too short and guys not too baggy, please.)
- Short sleeve shirt
- Athletic/running shoes & socks