

## **Natomas Homeschool Alliance Fall 2015 Course Curriculum and Required Supplies**

I'm not promising that this is a complete listing but it should cover the vast majority of what is needed for each class. All students should have basic school supplies such as pencils, erasers, etc.

### **English Language Arts**

**K-1<sup>st</sup> Grade; 1<sup>st</sup>-2<sup>nd</sup> Grade; 2<sup>nd</sup>-3<sup>rd</sup> Grade**  
**Instructor: Margaret Padilla**

Please have your child come to class with a bag or backpack with these items:

1. 2-3 sharpened pencils
2. An eraser

**Institute for Excellence in Writing A (IEW A) 3rd-5th Grade**  
**Instructor: Cristy Smith**

Students will need a three ring binder with 5 divider tabs as well as pens and some binder paper.

**Institute for Excellence in Writing B (IEW B) 6th-8th Grade**  
**Instructor: Cristy Smith**

Students will need a three ring binder with 5 divider tabs as well as pens and some binder paper.

**Excellent Essays 9th-12th Grade**  
**Instructor: Cristy Smith**

Students will need a three ring binder with 5 divider tabs as well as pencils, pens and some binder paper.

They will also need their own copy of the text for this class. That text is not covered by charter funds. You can email me for details.

**Analytical Grammar 6<sup>th</sup>-12<sup>th</sup> Grade**  
**Instructor: Jennifer Soto**

Students will be provided with worksheets. They should have a binder or folder to keep them organized.

This course will cover an overview of material provided in the Analytical Grammar workbook. Those who would like to do Analytical Grammar book in its entirety should procure their own copy of the book. South Sutter will not cover it but all other charters likely will.

<https://www.analyticalgrammar.com/analytical-products/analytical-grammar-workbook.html>

## Math/Science

### Math Lab/Zoology Lab 1<sup>st</sup>-3<sup>rd</sup>; 3<sup>rd</sup>-5<sup>th</sup> Grade

This course will alternate math one week and science the next.

Instructor: Alison Orozco  
No special supplies needed.

Instructor: Nicole Nyborg  
No supplies needed. There may be occasions when students are asked to bring item from home on a week to week basis.

Those who would like to use these labs to supplement what you are doing at home, please email me and I can provide you with the names of the source texts we are using for all labs/activities. Students are welcome to participate in the labs without following along with the text material at home. We provide this information simply as a service for those who would like the labs to align with their core science for the year.

### Biology (Real Science 4 Kids) 6th-8th Grade Instructor: Justin Soto

Required: Real Science for Kids Biology textbook and lab book. These books come in two editions and either should be fine. The older edition was called Level 1 and the new edition is called Middle School. You can find the old edition used on Amazon. You should be able to order the new edition through your charter. The only difference between the two editions is very minor:

*Middle School Biology: There is a change to Chapter 1, Section 1.3, Domains and Kingdoms, and to Section 1.6, Summary. There are several different methods currently used to sort living things. Because the more complex organisms have so many different features and because different scientific philosophies are involved, it is difficult to classify living things definitively. Also, as scientists discover more about cells, the classification of living things changes. There is no one taxonomic system that is considered by all scientists to be the "correct" one.*

*We are currently presenting the three domain system instead of the five kingdom system used in earlier editions. The three domains are: Eukarya, Bacteria, and Archaea. The three domains are divided into six kingdoms: Plantae, Animalia, Protista, Fungi, Bacteria, and Archaea. You may find different naming conventions depending on the resource you are using. Some systems use the kingdom names Eubacteria and Archaeobacteria instead of Bacteria and Archaea. We chose the simpler terminology.*

*The five kingdom system used in previous editions lists these kingdoms: Monera, Protista, Plantae, Fungi, and Animalia.*

These books are available from a variety of sources but I am providing links to both the textbook and lab book just as a reference:

<http://store.gravitaspublications.com/middle-school-grades-5-8/middle-school-biology-student-textbook.html>

<http://store.gravitaspublications.com/middle-school-grades-5-8/level-i-biology-laboratory-workbook.html>

**Biology Lab 9<sup>th</sup>-12<sup>th</sup> Grade**  
**Instructor: Justin Soto**

Students will not need any supplies for the labs but they should come with a notebook and basic school supplies.

## **History/Social Science**

**Story of the World, The Middle Ages, Volume 2, Grades K-3<sup>rd</sup>; 3<sup>rd</sup>-5<sup>th</sup>**  
**Instructor: Tricia Wynne**

Story of the World will be using Volume 2: The Middle Ages. It is available from a variety of sources and should be eligible for purchase through all charters. Here is a link just for reference:

[http://www.amazon.com/Story-World-History-Classical-Renaissance/dp/1933339098/ref=sr\\_1\\_1?ie=UTF8&qid=1438754607&sr=8-1&keywords=story+of+the+world+volume+2](http://www.amazon.com/Story-World-History-Classical-Renaissance/dp/1933339098/ref=sr_1_1?ie=UTF8&qid=1438754607&sr=8-1&keywords=story+of+the+world+volume+2)

**Logic, Grades 6<sup>th</sup>-8<sup>th</sup>; 9<sup>th</sup>-12<sup>th</sup>**  
**Instructor: Jennifer Wright**

This course requires the Art of Argument workbook found here:

<http://www.amazon.com/The-Art-Argument-Aaron-Larsen/dp/1600510183>

I suspect most charters will cover it. South Sutter will not so South Sutter parents should expect to buy it with personal funds. Students should plan to bring the book to the first day of class.

## **Electives**

**Art K-1; 2<sup>nd</sup>-3<sup>rd</sup>; 3<sup>rd</sup>-5<sup>th</sup>; 6<sup>th</sup>-8<sup>th</sup>; 9<sup>th</sup>-12<sup>th</sup>**  
**Instructor: Ann Baum**

All supplies will be provided.

**Physical Education K-5<sup>th</sup>; 3<sup>rd</sup>-8<sup>th</sup>; 7<sup>th</sup>-12<sup>th</sup>**  
**Instructor: Jason Jester, CrossFit for Kids Certified Coach**

Students should plan to wear shorts/athletic pants and a tshirt with athletic shoes for this class. Older students should bring PE clothes or a change of clothes as there will be no shower access. ☺

**Teen Improv 7th-12th**  
**Instructor: Paul Burke**

No supplies needed.

## **Foreign Language**

**American Sign Language K-3<sup>rd</sup>; 3<sup>rd</sup>-5<sup>th</sup>**  
**Instructor: Lorelei Macomber**

No Supplies needed.

**Elementary Spanish K-3<sup>rd</sup>; 3<sup>rd</sup>-5<sup>th</sup>**

Currently, we are not expecting to require any supplies for this class.

### **Latin**

Tricia is out of the country and I'm not sure what she will require for this class. I will let you know once we have the final word on this.