



SIXTH GRADE

Academy of Christian Education

NEWSLETTER

FEBRUARY

2019

Bible

During this Winter season, we are studying the many ways our spiritual growth can be disrupted, and will be working through discussions of how to conform to Christ in day to day life.

This is a life long process, but as we grow in the Lord together, the class will be developing skills to take teaching from the Scriptures directly, and find the proper way the Bible's instruction applies to their life! I look forward to this month!

History

Students will cover Chapters 11 and 12.

Ch. 11: Empires of Eurasia: 1300-1900

- China's Ming and Manchu Dynasties
- Ottoman Empire
- Safavid Empire
- Mughal Empire

Ch. 12: Political Turmoil in Europe: 1776-1850

- French Revolution
- Rise and Fall of Napoleon
- Revolts Across Europe
- German and Italian Unification

Upcoming Events

February 1

Parent/Teacher Conferences
NO SCHOOL FOR STUDENTS

February 6

ACE Family Skate Night, 4-9:00 p.m.
Reston Town Center Ice Rink

February 8

Open House, 10:00 a.m. - 2:00 p.m.
(for non-registered families)

February 14

Valentine's Day Parties
Casual Day *(students may wear red, white, or pink casual clothing)*

February 18

PRESIDENT'S DAY HOLIDAY -
NO SCHOOL

February 28

Casual Day *(students may wear modest, casual clothing to school)*

March 1

Interims go home as needed

March 8

Open House, 10:00 a.m. - 2:00 p.m.
(for non-registered families)

March 25

NNAT II Test for 1st Grade Students

March 29

End of the Third Quarter

March 29

Casual Day *(students may wear modest, casual clothing to school)*

Advanced Math

Grade Level 8

Ms. DeGroot

This month in PreAlgebra, students will learn to successfully navigate the following topics from Chapters 8 and 9:

- Applying Equations and Inequalities
- Writing Equations
- Solving & Applying Inequalities
- Relations & Functions
- Coordinate Planes
- Graphing Linear Functions
- Slope & Slope-Intercept Form
- Direct Variations

Quiz & Test Dates:

- 2/6 - Ch. 7 Test
- 2/13 - Ch. 8 Test
- 2/19 - Quiz 9.1-9.2
- 2/27 - Quiz 9.5-9.6
- 3/6 - Ch. 9 Test

Science

In February, we'll close out our unit on the Animal Kingdom with a closer look at the Warm-Blooded Animals: Birds and Mammals. Students will need a high level of maturity as the unit culmination is on Animal Behavior and Reproduction. Although many scientific terms in this chapter also apply to human reproduction, they are used in nonhuman context without reference to humans. Parents should be aware of the content of these chapters which are at a 7th grade level.

Quiz/Test Dates:

- 2/7 Quiz 14-A
- 2/14 Chapter 14 Test
- 2/20 Quiz 15-A
- 2/25 Quiz 15-B
- 2/28 Chapter 15 Test

Technology

This month in Technology class the Upper Elementary classes will learn about the Scratch programming language. Coding with Scratch is fun and exciting. We will learn about controlling a character using loops, movement blocks, variables and events. Students will create a game and be able to explain how their game functions.

Music

"The wise musicians are those who play what they can master." -Duke Ellington

This month in Music Class:

- Students will learn new chords and songs for the Ukulele
- Students will begin the Recorder Karate 2 curriculum, Black Belt Masters
- Students will learn about Duke Ellington for February's Composer of the Month

Language

Language 7 dives deeper into the story of Jules Verne's *20,000 Leagues Under the Sea*.

Additionally, our grammar chapters will dive into how to best take notes, preparing students for higher education.

We will also learn rules for the sometimes tricky subject-verb agreement pairings.

- Feb. 6 - FINAL Draft DUE: Describing a Process
- Feb. 8 - Spelling Test 18
- Feb. 15 - Spelling Test 19
- Feb. 15 - Take-Home Reading Quiz Ch. 1-23 in 20,000...
- Feb. 19 - Grammar Ch. 9 TEST
- Feb. 19 - Rough Draft DUE: "Taking Notes" Assignment
- Feb. 22 - FINAL Draft DUE: "Taking Notes" Assignment
- Feb. 22 - Spelling Test 20
- Mar. 1 - Spelling Test 21

STEAM

In January we learned all about snowflakes – how they are formed, how drag and gravity affect how they fall and what causes the different kind of snow crystals. We then took several classes to do challenges presented by Google. The first, broaden our horizons as we started dreaming about what students hope their communities will be like when they are adults, and how they could participate in making changes for the better.

We also listened to a variety of musical pieces and talked about what emotions, colors, shapes and moods they evoked in us. Students painted a picture that represented what the song made them think about when they listened to it.

In February, we will focus on learning some coding concepts by using Beebot robots, Osmos games on the iPads, and Spheros.

Math I Level 7

Mrs. Adili

In Math 7, we will finish up Ch. 7: Measurements and start Ch.8 on Geometry.

Chapter 8: Introduction to Geometry

- Basic Geometric Figures
- Pairs of Angles
- Polygons
- Triangles and Quadrilaterals
- Pythagorean Theorem
- Perimeter
- Circles and Circumference
- Congruent Figures

Art

There is beauty in everything, just not everybody sees it. ~Andy Warhol

This month we will get to know Andy Warhol and his style of work; from using rubber stamps, silkscreen, commercial advertisements to celebrities as subjects for his artwork. We will explore the meaning of Pop Culture and Pop Art.

Sixth Graders will use Warhol's shoe designs as inspiration to design their own shoes!

PE / Spanish

In Spanish, students will be learning about the country of Bolivia. Sixth graders will be continuing to add to their vocabulary of conjugating verbs in present tense as well as constructing sentences in real life scenarios.

This month in PE, in students will be working on their soccer skills through drills and basic training. They will also play a mock game at the end of the month.