

BRADFORD BULLETIN

BRADFORD ACADEMY'S PARENT UPDATE

Special Points of INTEREST

- 11/10: Veterans Day (observed), no school
- 11/16: Bradford Night / Open House, 7 PM
- 12/1: Prospective Parent Open House, 9 AM

For Prayer

Please pray for God's supply regarding specific needs:

- **Students:** Academic success and growth in virtue and love.
- **Staff:** Wisdom, grace, and creativity.
- **Financial:** Funds for our scholarship program and future capital improvements.

GREEK OLYMPICS!

Our students enjoyed another great day of activity and competition at our annual GREEK OLYMPICS! For the day, each house took on the name of a Greek city and competed for the honor of their city (and house points, of course). See the results on page. 12!



TIMOR DOMINI PRINCIPIUM SCIENTIAE



Join Team Archer?

We would like you to become an ARCHER and stand with us.

We need a large group of DONORS who commit to making small regular donations to help fund our scholarship program.

You can join the team and make Classical Christian education available to the children of this community for years to come! We are engaged in a great battle for the minds and hearts of the next generation.

Will you contribute to victory? Please visit:

BradfordAcademy.org/donate/

From the Teacher's Desk

Transitional Kindergarten (Mrs. Davis)

Bible

This week we are learning about God's great work through Abraham. The children had class in a tent one day this week. While there we compared many facets of Abraham's story with our experiences today. We learned why Abraham lived in a tent, we compared the number of stars in the sky to Abraham's descendants, and we learned that we can and should trust God with our lives.

Theme Adventure

- The highlight of our week was having class outside, in and around a tent, and campfire. The students did an excellent job keeping the fire going while practicing fire safety. They roasted their own miniature hotdogs and marshmallows. They prepared for the weather by planning appropriate clothes for the day. They were instructed to pack flashlights and blankets as those were tools needed to complete the tasks before them. This activity was enjoyed by all.

Literacy

- We continued work with capital letters. The students worked with various objects to create and write capital letters each day. This week we created and viewed letter constellations, worked with Play-Doh, and used chalk to write the letters we are learning. This week's writing focus was on the letters D and J and numbers 2 and 3.
- The students learned all about compound



words. We took two words, pushed them together, and made one big word. We used objects and pictures to play with the words.

- The students continue work with understanding stories. We reviewed predicting stories as well as the importance of a setting. This week the students practiced acting out stories and nursery rhymes. The students were challenged to add to stories by taking turns adding one sentence to a story. Though no one could predict the story's outcome the students always did an excellent job saving the main character from some sort of trouble or impending doom.

Math

From the Teacher's Desk (Continued)

- We worked on identifying, comparing and contrasting shapes. The students focused on the circle, rectangle, and square. TK is particularly thankful there are crackers in these shapes. Once we finished work with the crackers we were allowed to eat our math lesson!
- The students continued work with number identification and counting. They were challenged with finding the missing number in a line and sorting numbers in order.



Kindergarten (Mrs. Rivera)

Reformation celebration: We read a book about Martin Luther and ate reformer cupcakes. They enjoyed dressing up as Martin Luther and reenacting nailing the 95 Theses to the door at Wittenberg. We sang "A Mighty Fortress Is Our God" and talked about the other hymns Martin Luther wrote.

Language Arts

- My Kindergarten Scholars did an excellent job mastering *Pan and the Mad Man*. *I pray they will continue to persevere until the end of the year and practice the skills they are learning to decipher words. I often tell them that there is no greater joy than reading God's word for themselves. A portion of a canticle from an 1855 book based on an ancient verse expresses this well: Christ His Cross shall be my speed! Teach me to read, dear Mamma, to read. That I may in Scripture see what His love hath done for me. Teach me letters- A B C.*
- We wrote words to practice listening for "e" and "a" found in the middle of words.
- Next week we will begin our second book, *Bad Meg*.

Math

- Counting by 10's to 100, subtracting 1 from a number, counting dimes, and written assessment # 8
- Counting by 2's



History

- Review of the events from Creation - Judges. We sang the BC History fact song and placed our history cards in the correct order according to our timeline. Our study this week brought us to the books of I & II Samuel and I Chronicles. The prophet Samuel went to visit Jesse in Bethlehem to find the next king of Israel. After seeing all of David's older brothers, David was finally shown to Samuel. Samuel was moved by the Spirit of God to select him as Israel's next king. David reigned for approximately forty years as the

second most prominent king of Israel.

- Fall of Israel /Babylonian Captivity

Science

- We completed our seasons wheel and discussed the winter season Spring

Music

- This week our lesson was about rhythm, beat, and tempo. The students had a wonderful time listening to the music of our quarterly composer, Antonin Dvorak. We spent the second half of class singing and practicing what we will perform for Bradford Night (it's coming soon)!

Art

- We practiced our fine motor skills by weaving a mat. They were amazed as they added color strips to see a pattern appear before their eyes.
- Textures

P.E.

- Gallop/Spring. We had fun with the parachute and practiced our math facts while running under and around the parachute.
- Hopping and jumping

Memory Work:

- Psalm 92:1
- John 14:6

1st Grade (Mrs. Campbell)

Music

- We began class listening to the bright and exciting music of our quarterly composer, Antonin Dvorak. We learned about the history of the hymn, "Angels From the Realms of

From the Teacher's Desk (Continued)



Glory,” and our theory lesson was based on musical signs. We used the second half of class singing and practicing our music for Bradford Night(which will be here soon)!

2nd Grade

(Mrs. Jones)

Language Arts

- We finished up our crime solving adventures with Encyclopedia Brown this week. If your child fell in love with this book, then be sure to check out the other books in the series.
- Identifying nouns, verbs, adjectives and adverbs
- Silent e, soft/hard g, soft/hard c

Math

- Telling time (a.m. vs. p.m.)
- Mental math (addition and subtraction)
- Three kinds of triangles (equilateral, isosceles, scalene)
- Naming and measuring line segments

History

- We focused on learning about some of the Egyptian artifacts that are on display at the Ackland Art Museum:
 - Cylinder seals
 - Amulets
 - Eye of Horus
 - Scarabs
 - Ibis
- Egyptian gods: Isis and Thoth

Music

- We began class listening to the beautiful music of our quarterly composer, Antonin Dvorak. We learned about the history of the hymn, “Angels from the Realms

of Glory,” and our lesson was about musical signs and what they mean in music. We used the rest of class singing and getting ready for Bradford Night (it's coming soon)!

Art

- The students learned about Egyptian amulets, then had the opportunity to create their own using clay and acrylic paint. They also made a clay necklace with their initials using hieroglyphics.

P.E.

- Timed mile

Memory Work:

- Matthew 22:37-39

3rd Grade

(Mrs. Mitchell)

Reformation Day Activities: In order to mark the 500th anniversary of Martin Luther nailing the 95 Theses to the Wittenberg Door, 3rd graders read a story about the life of Martin Luther; participated in paying indulgences and confessing their sins; nailing some of the theses to a door; writing out the 5 tenants of Luther: Sola Scriptura, Sola Gratia, Sola Fide, Solus Christus, Soli Deo Gloria; they also learned about the Luther Rose and colored a picture of it as they learned about the symbolism.

Language Arts

- Reading: Persephone & Demeter myth - the Greek understanding of why we have seasons; completed reading and questions about the Greek gods.
- Writing: Began out 3rd keyword outline about the Epic of Gilgamesh - which the Assyrians would have known.



From the Teacher's Desk (Continued)

- Grammar: Chapter 7: Subject, Possessive and Object Pronouns

Math

- Entering survey information on a circle (pie) graph; adding whole numbers and money amounts on an order form. (We missed two days of math for Reformation Day activities and the field trip.)

History

- Israel and Judah Fall - This is one of the saddest chapters of redemption history that we have to cover, but a great lesson on the importance of obedience to God's Word.

Science

- Field Trip to the Morehead Planetarium
- Upcoming: Test on "Why We Have Seasons" Wednesday, 11/15.

Latin

- Review Chapter 10

Music

- We began class listening to the exciting music of Antonin Dvorak. We learned about the history that the hymn, "Angels from the Realms of Glory," was based on, and our lesson was about musical signs. Then we stood, warmed up our voices, and spent the rest of class singing and practicing for Bradford Night!

Art

- Field Trip to the Ackland Art Museum

P.E.

- Basketball skills and drills: Low and High dribbling; low and high passing

Memory Work:

- Review of Matthew 6:2-27

4th Grade

(Mrs. Hamilton)

Language Arts

- Reading: *Rolf and the Viking Bow*: Students are holding their breath as we are coming to a close of this coming-of-age novel!
- Writing: Students have begun working on the main stories of the *Writing from Pictures* unit.

Math

- After learning to write quotients with mixed numbers,



students took their seventh assessment. We also spent a good bit of time on our fourth investigation, where we continued our study of sequences by learning to recognize different patterns, such as the pattern of the Fibonacci sequence. Students also learned to add and subtract fractions with common denominators and to do short division.

History

- *The East-West Schism of 1054*. Students were challenged to understand the importance of this sad event in history which caused the formation of two independent churches: the Roman Catholic in the West and the Eastern Orthodox in the East. We observed major differences in their creeds, communion practices, dress, icons and decorations of churches, priesthood, leadership, and architectural styles.

Science

- In class, we learned about atoms and subatomic particles, discovered that there are only 92 kinds of atoms, and learned (using LEGOs) the definitions for atom, element, compound, molecule, and mixture.
- During our lab time, with just a few ingredients, students created "fireworks" in water, as well as lava lamps. Students are greatly enjoying the lab time and are recording all of the experiments in their lab books.

Latin

- This week it was all about prepositions. Student teams were challenged to come up with as many Latin prepositional phrases as possible in a limited amount of time.

Music

- Fourth Grade began music class by listening to the exciting music of Antonin Dvorak. We learned the history of the hymn, "Angels from the Realms of Glory," and our lesson was about musical signs. We practiced singing the songs we will sing for Bradford Night, and focused on playing, "Ode to Joy," together.

Art

- We enjoyed preparing for and experiencing a trip to the Ackland Art Museum! We practiced looking carefully at and noticing details in art, and enjoyed learning about art history through the rooms of the museum.

P.E.

- Basketball skills and drills: Low and High dribbling; low and high passing.



From the Teacher's Desk (Continued)

Memory Work:

- Bradford Night song
- Psalm 23
- I Cor. 13: 1-13
- Parts of Speech verse

5th Grade (Ms. Windes)

Language Arts

- Reading: As we prepare for our Hobbit play and Hobbit Day, we have been reading some of the final chapters of *The Hobbit*. We are nearing the climax as Smaug emerges from the mountain to destroy Laketown and then be destroyed himself by Bard, the brave and grim archer. Although it seems that Smaug's death should bring resolution, the loss of a guardian over the treasure brings multiple treasure seekers who all feel they deserve a portion.
- Writing: Just as we are experiencing the climax in *The Hobbit*, the students are reaching their climaxes in their own creative writing stories.
- Grammar: The students worked to use possessive pronouns, proper nouns, and apostrophes in creative stories.

Math

- We finished our fourth investigation on collecting, organizing, displaying and interpreting data; the students also took a test and then we learned about finding a percent of a number - a very practical skill! - and renaming fractions by multiplying by 1.

History

- We doubled up our cards this week to learn about both Roger Williams, the dissenter who left the Massachusetts Bay Colony to form his own colony of Rhode Island, and the Salem Witch Trials.
- Upcoming: Friday, 11/10: Thirteen Colonies Test

Science:

- The students reviewed the definitions for atoms, elements, compounds, molecules, and mixtures. We also began taking a closer look at the periodic table of elements; students were shocked to find out that hydrogen does not have a neutron in its nucleus and that there are only 92 kinds of atoms, and not 118 as listed on the periodic table. Students seem very excited

to continue to dive deeper into the incredible world of chemistry.

Latin

- The students have added the future perfect tense endings to the perfect system tenses. We also learned our first set of adverbs and continued to polish our translating skills.

- Upcoming: Wednesday, 11/8: ch. 7-10 Vocab Review Quiz

Music

- We started music class by listening to the bold and beautiful music of Antonin Dvorak. We learned about the historical past of the hymn, "Angels from the Realms of Glory," and our theory lesson was based on musical signs. Then we stood, warmed up our voices to sing, and spent the rest of class practicing for Bradford Night (it's coming soon)!

Art

- We enjoyed preparing for and experiencing a trip to the Ackland Art Museum! We practiced looking carefully at and noticing details in art, and

enjoyed learning about art history through the rooms of the museum. In the museum, the students also practiced drawing faces through shadows and shading.

P.E.

- Basketball drills, footwork exercises, jumping conditioning and sprinting all kept the students engaged in preparation for basketball season!

Memory Work:

- This week: Isaiah 40:1-2
- Next week: Isaiah 40:3-4

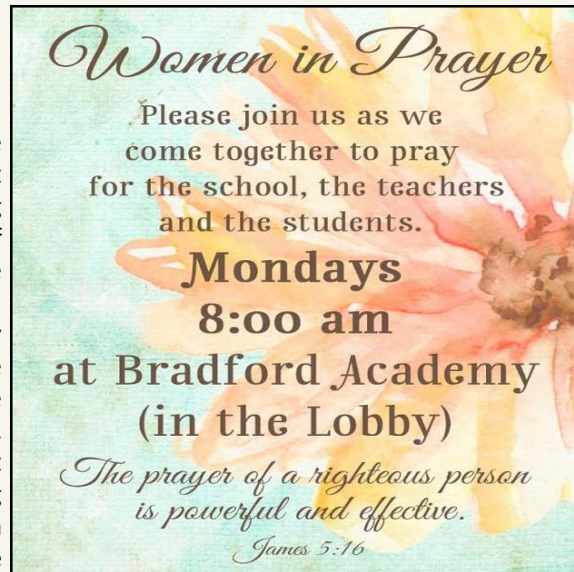
6th Grade

(Mrs. Garrett)

Language Arts

- The students continue to read about the political and social schisms occurring around The Civil War in Henty's *With Lee in Virginia*.
- Vocabulary and spelling words in context with Henty's writing shows up in creative sentences by the students.
- Journal writing using an imaginative prompt keeps the students engaged in writing as they create their own essays.

Math



From the Teacher's Desk (Continued)

- Plot graphs, cross multiplication, ratios, adding, measurements, finding the area of polygons, dividing and multiplying decimals in preparation for the test on Tuesday.
- Students chanted multiple songs to remind themselves of the facts regarding prime numbers, numerators, decimals, multiplication facts and finding the area of a triangle.

History

- Studying the westward movement across America and the trials faced by many pioneers.
- Celebrating the 500th Anniversary of the Reformation was a thrill for the students as they learned the details of Martin Luther's protests and nailed his theses to a door at the school.



Museum was one of fascination as the students studied the blending of color, and sketched their own artwork while observing carefully the shadows of the painting before them.

P.E.

- Basketball drills, footwork exercises, jumping conditioning and sprinting all kept the students engaged in preparation for basketball season!
- Upcoming: Basketball sign ups for 6th-10th grade boys and girls.

Memory Work:

- I John 1-2:5
- *Flander's Fields*
- *If by Kipling*
- *God's Handiwork Song*

Science

- An ongoing experiment using balloons, friction, static electricity, and wind flow allowed the students to evaluate hypotheses and variables and their changing roles in scientific exploration.
- The field trip to Morehead Planetarium proved exciting for all as the students observed a Science Live on stage performance learning about the nervous system and other physical functions that affect the human body when exercising. The students also viewed the amazing stargazing show surrounding our sun.

Latin

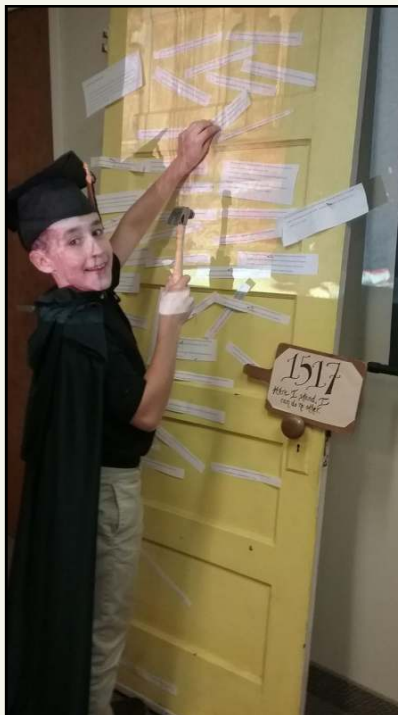
- We added a new set of vocabulary this week, diving into both the use of adjectives and the "to be" verbs in the present, imperfect and future tenses. The students also practiced choosing the proper noun endings to fit the noun job.

Music

- We started music class by listening to the bold and beautiful music of Antonin Dvorak. We learned about the historical past of the hymn, "Angels from the Realms of Glory," and our theory lesson was based on musical signs. Then we stood, warmed up our voices to sing, and spent the rest of class practicing for Bradford Night (it's coming in a few weeks)!

Art

- How to observe, shade and measure the proportions of the face as the students study Mona Lisa's eyes and nose.
- A field Trip to the Ackland Art



LOGIC & RHETORIC SCHOOL

Mr. Hamilton

7th Grammar/Comp

- We wrapped up our poetry unit this week by focusing on editing for punctuation, word choice, the poetic elements, thematic content, and form. The students have produced some inspiring work so far!

7th Omnibus

- We finished our reading of *Till We Have Faces* by examining and discussing the various themes of the work, all under the guidance of C.S. Lewis himself via his personal letters to fans. We then had a seminar on these themes as our end-of-book assessment. Next up is Herodotus and his fascinating account of the Greco-Persian War!

9th Logic

- We continued working on developing proofs of validity for arguments in symbolic form.

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9th History

- In our history class this week we learned of Peter the Great, the Golden Age of the Dutch, the English Civil War and Cromwell, and the development of England's constitutional monarchy, which laid the foundation for our own government. We also spent some time working on our quarter history

From the Teacher's Desk (Continued)



presentations.

9th Literature

- We read and discussed our foundational government documents this week, which was mostly a review of the civics class the students had at the start of the year, before diving into the Federalist and Anti-Federalist papers, the debates which led to the development of our constitution. The first document we read was Patrick Henry's speech from June 5, 1788, which focuses on the aim of government, which Henry asserts to be the protection of liberty.

9th Theology

- This week we discussed political and governmental theory in conjunction with literature class.

Mr. Miller

7th Latin

- This week we spent time reviewing all of the noun and verb endings we've learned so far and introduced the second conjugation of verbs.

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8th Omnibus

- In history/literature we finished reading *Beowulf* this week and discussed the theme of heroism



that ties the whole work together. In theology we finished our unit on the early Christian creeds and councils. We also introduced the next two books we will be reading: *The Song of Roland* and *Augustine's Confessions*.

8th Logic

- We took a quiz on lessons 9-11, which cover types of relationships between statements (9), types of disagreement between statements (10), and how to rewrite statements so that they use a form of the word "to be" (11).

10th Literature

- We wrapped up our unit on Aesop's *Fables* this week, and the students had a lot of fun writing their own fables (both classic and contemporary) and then sharing them with each other. We also began reading our next book: Euripides' *The Bacchae*.

10th History

- We continued our journey through Aristotle's *Nicomachean Ethics* this week with each student presenting a summary of one particular virtue (according to Aristotle). Some were easy to agree with (like moderation), others not-so-much (like great-souledness)!

10th Rhetoric

- This week we wrapped up our discussion of Aristotle's genres of rhetoric by reading and discussing what he has to say about "display" oratory (praise of someone or something) and "litigation" (criminal investigations in a court of law).

Mrs. Frueh

7th Grade Science:

- We took a broad survey of the solar system this week by classifying the planets as terrestrial or Jovian. We have also learned the layers of the sun's interior and the layers of the sun's atmosphere. The students were excited to demonstrate the process of thermonuclear fusion using M&Ms as protons and neutrons. We were all amazed by the almost unimaginable power contained within the sun that makes all life on Earth possible!

From the Teacher's Desk (Continued)

- The students will take a Section Test on Thursday, November 10. The test will cover models of the solar system, location and classification of the planets, and the structure of the sun. Students should also be keeping up with their daily Moon Log. November's Full Moon will be visible on Friday night!

8th Grade Science:

- We dove into chemistry this week by defining the different classifications of matter. Students should be able to distinguish between atoms, elements, compounds, molecules and mixtures. The students enjoyed gaining a better understanding of atomic structure by building several different atoms using M&Ms as protons and neutrons and Nerds as the tiny, fast-moving electrons.
- We are about to embark on a detailed exploration of the Periodic Table. Daily Periodic Table quizzes will begin next Thursday. By the end of this unit, students will have most of the table memorized and be able to predict the properties of an element based on its location on the table.

Mrs. Orlowski

7th Pre-Algebra

- We started the week with extensive review for the test on Wednesday. We ended the week with taking an overall average from combined averages and order of operations. Ask your son or daughter what "Please Excuse My Dear Aunt Sally" means!
- Roots, exponents, volume, and more order of operations.

8th Algebra I

- This week we learned the Quotient Rule for Exponents, then reviewed for the test on Wednesday. We started new material Thursday and Friday, learning addition of like terms in rational expressions and how to solve a multi-variable equation in terms of one of the variables.
- Working more with rational expressions, conjunctions, and percents.

Mrs. Gregory

7th and 8th Music

- The students began class by reciting the weekly praise verse for the teacher, and we spent some time listening to the bold and exciting music of Antonin Dvorak. We learned the historical background of the hymn, "Angels from the Realms of Glory," and our theory lesson was about musical signs. Then we stood, warmed up our voices, and practiced the Christmas pieces we will be performing soon!

Mr. Johnston

8th Latin

- Finished our translation of famous Latin proverbs from Cicero and others. The emphasis was on irregular comparative adverbs.
- There will be a review vocabulary quiz next Thursday.

7th Logic

- We have spent our time reviewing the two type of Ad Hominem fallacies, abusive and circumstance. We are now considering the Tu Quoque and other red herring fallacies.

7th/8th Paideia

- In our discussions we have review the importance of defining our terms. We have also been considering the importance of asking questions.

Mrs. Byrd

9th/10th Algebra 2

- We had the second test of the quarter on Friday. Next week we will learn how to complete the square, deal with "imaginary" numbers, convert between metric and English units, and solve "mixture" work problems.

Mrs. Dovan

9th Spanish 1

- We are finishing this week with our second test of the quarter, establishing ourselves in the present tense! We will round out Unit 2 and begin Unit 3 next week as we extend the ideas from the test into our conversation.

10th Spanish 2

- This week we have collected new vocabulary and have enjoyed the Fotonovela anticipating Unit 6. The Unit 6 Vocabulary test is next Wednesday! We have many exciting lessons coming up which will prove to be powerful tools, including the past tense and indirect object pronouns.



GREEK OLYMPICS RESULTS 2017

CONGRATULATIONS PLYMOUTH

PENTATHALON				
Place Games	1st	2nd	3rd	4th
Discus	Corinth (P)	Athens (A)	Mycenae (L)	Sparta (S)
Javelin	Athens (A)	Mycenae (L)	Corinth (P)	Sparta (S)
Long Jump	Corinth (P)	Mycenae (L)	Athens (A)	Sparta (S)
Sprint	Mycenae (L)	Corinth (P)	Athens (A)	Sparta (S)
Wrestling	Corinth (P)	Sparta (S)	Athens (A)	Mycenae (L)

EVENT (Pentathlon) WINNERS

1st - Corinth (PLYMOUTH) - White - Π
 2nd - Mycenae (LEIDEN) - Red - Λ
 3rd - Athens (AUSTERFIELD) - Black - Α
 4th - Sparta (SCROOBY) - Gray - Σ



EVENT	PLACE	A	L	P	S
CHARIOT RACE	1st - Athens	4			
	2nd - Corinth			3	
	3rd - Mycenae		2		
	4th - Sparta				1
		A	L	P	S
PENTATHLON	1st - Corinth			4	
	2nd - Mycenae		3		
	3rd - Athens	2			
	4th - Sparta				1
		A	L	P	S
RELAY RACE K-3: LAPS 4-6: PLAS	1st - Mycenae		4		
	2nd - Corinth			3	
	3rd - Athens	2			
	4th - Sparta				1
		A	L	P	S
POETRY	1st - Athens	4			
	2nd - Sparta				3
	3rd - Corinth			2	
	4th - Mycenae		1		
		A	L	P	S
MARATHON	1st - Corinth			4	
	2nd - Sparta				3
	3rd - Mycenae		2		
	4th - Athens	1			
FINAL TOTAL SCORES		13	12	16	9