

BRADFORD BULLETIN

VOLUME X, ISSUE 4



August 25th, 2017

THE HEAVENS DECLARE

IMPORTANT DATES

- **SEPT. 4:** Labor Day, no school
- **OCT. 6:** End of Quarter
- **OCT. 9 to 13:** FALL BREAK
- **NOV. 10:** Veterans Day (observed), no school
- **NOV. 16:** Bradford Night / Open House, 7 PM
- **DEC. 1:** Prospective Parent Open House, 9 AM

PRAY FOR THE SCHOOL

Please pray for God's supply regarding specific needs:

- Students: to start the year with eagerness and diligence in their studies
- Staff: Smooth transition for new teachers, and fresh energy for returning staff
- Scholarship fund: Growing needs!
- Athletic program: Safety, hard work, and success for soccer, XC, and volleyball this fall.



Many of the students were able to gather to watch the historic solar eclipse on Monday! It was a wonderful opportunity to see one of the many glorious natural phenomena that is part of God's great creation!

I watched a scientific documentary that discussed the many fascinating things about a solar eclipse. Probably the most significant is that a total solar eclipse can happen at all. That is, the apparent size of the moon almost perfectly corresponds to the apparent size of the sun. This fascinating "coincidence" has made it possible for scientists to study the sun in ways otherwise impossible and learn about even fundamental principles of physics including light and gravity. The other significant fact is that of all the planets and

TIMOR DOMINI PRINCIPIUM SCIENTIAE

Proverbs 1:7 "The fear of the Lord is the beginning of knowledge..."

moons in our solar system, it turns out that the best place to see a total eclipse “happens” to be the very place where observers live.

I do not believe that this is a coincidence nor that it just happened this way. The psalmist writes in Psalm 19:1-2 :

The heavens declare the glory of God; and the firmament shows His handiwork. Day unto day utters speech, and night unto night reveals knowledge.

In Psalm 111:1-3 we read:

I will praise the Lord with *my* whole heart, in the assembly of the upright and *in* the congregation. The works of the Lord *are* great, studied by all who have pleasure in them. His work *is* honorable and glorious, and His righteousness endures forever.

A total solar eclipse was made for us to see God’s great wonders, learn about His orderly and reliably predictable universe, and in turn give Him praise. At Bradford Academy we love studying science because God has made His creation knowable, fascinating and wonderful! We praise Him for it!



FROM THE TEACHER’S DESK GRAMMAR SCHOOL

TRANSITIONAL KINDERGARTEN (MRS. DAVIS)

Bible

- This week we focused on God’s creation with the Heavens, the Earth, Day and Night in light of the solar eclipse.
- We focused on lording over and taking care of animals and the environment as we began planting the TK garden this week.

Theme Adventure

- TK was delighted to find a damaged squash outside a vegetable patch on the Bradford Academy campus. We examined teeth marks, claw marks, a missing bite in the exterior rind and guessed what type of animal could have chewed the tip. We opened the squash, removed the endocarp and counted the seeds. This was a great introduction to plant life and a precursor to the organic garden we began the next day.
- TK planted seeds of 6 varieties of plants into 48 pellets. They measured and poured the water necessary to begin their own in-class greenhouse with domes and growing lights. God gave us a tremendous blessing as our

sunflower seeds began to sprout overnight!



- We practiced scissor skills by cutting strips of paper to create a mosaic of the first letter of their first name.

KINDERGARTEN (MRS. RIVERA)

Language Arts

- This week we introduced the letter “M.” They were very excited to play our listening game and determine if “M” was a leader sound.
- We are still working on the three p’s of writing: pencil grip, paper position, and posture. Our guidelines and perimeter lines are helping them to make the proper strokes to create a “singing” M.
- Next week we will add the letter “B” to our Phonics Museum.

Math

- Our kindergarten scholars had their first written assessment. This week we learned how to identify most and fewest, graphing a picture on a pictograph, and distinguishing between right and left.
- Next week we will continue writing our numbers from 0-9. We will identify triangles by sides and angles.

History

- We sang the first two verses of the B.C. History Song. This song will help us to memorize the events we will cover in history. Our lesson for this week was the Fall in the Garden. Genesis 3 is a very sad chapter. It is a stark contrast to the holiness and happiness we read about in Genesis 1 and 2. We have an account of the sin and misery of our first parents. The promise of a Savior from man’s rebellious nature is something we see consistently throughout

Literacy

- We studied letter identification and sound.
- We focused on recognizing our own names.
- We completed assessments in readiness, writing.
- Assessments in language and literacy begin next week.

Math

- We are practiced counting to 30 and played games with numbers 1-10 that required independent number recognition.
- We began tracing and copying the number 1.
- TK compared and contrasted the shape, size and texture of different seeds.
- Practiced creating shapes using manipulatives and magnets.
- Assessments in math will begin next week.

Music and Art

- TK practiced keeping tempo, singing crescendo, decrescendo and played percussion instruments.
- We began learning Doxology and Praise Him, Praise Him, All Ye Little Children.
- TK created a sun and moon with paint to demonstrate the eclipse. We worked on mixing different colors of paint to make swirl effects.

Scripture from Genesis all the way through to Christ's ultimate victory in Revelation.

- Next week we read about Noah and the flood.

Science

- We started our unit on the five senses. Our focus was on sight. Our discussion included the parts of the eye and how pupils dilate. A blindfold helped us to appreciate the gift of sight. We walked down to the bathroom doors to examine the Braille on the door.
- Next week we will focus on smell.

Music

- This week Kindergarten began their regular lessons and we learned about The String Family of instruments. We also enjoyed listening to our Quarterly Composer, Chopin, and worked on singing our warmups and The School Song.

Art

- Review of the different kinds of lines that make up great works of art. They did an excellent job of recalling the difference between horizontal, vertical, diagonal, curved, and zigzag lines.

P.E.

- Axial movements with a focus on balance and running.
- We practiced balanced movements and assessed student's running abilities.

Memory Work:

- 1 Corinthians 13:4-8A

1ST GRADE (MRS. CAMPBELL)

Language Arts

- We continued reviewing middle short vowel sounds and learned our first target sound in

phonics this year: ing/ang/ong (sing, sang, song.) We also practiced reading sentences and comprehension.

- In Grammar, students began memorizing the poem "The Caterpillar" and continued learning about common nouns.

Math

- First graders had their first timed fact practice this week and they did great! We worked on addition facts with sums to 18, identifying the attributes of pattern blocks, identifying ordinal position to sixth, and creating and reading a repeating pattern.

History

- This week we enjoyed learning in more detail about some of our American symbols of freedom such as the American flag, bald eagle, Statue of Liberty, and the Liberty Bell.

Science

- We kicked off our overview of biology this quarter by learning about the classification system. Ask your child to sing the classification song!

Music

- First Grade began Music Class with Prayer and listened to the beautiful music of our Quarterly Composer, Chopin. Then we had our first Music Theory Lesson about The Staff and its 5 lines and 4 spaces. We finished class singing our Warmups, School Song, and Quarterly Hymns.
- Very soon we will be practicing our music for Bradford Night!

Art

- The elements of shape - dot, circle, straight line, curved line, angled line.

P.E.

- Students learned proper kicking technique and practiced controlled passes in soccer.

Memory Work:

- Reviewed I Corinthians 13:4-8a

2ND GRADE (MRS. JONES)

Language Arts

- We began our first chapter book, *My Father's Dragon*, this week! So far, the class has met Elmer Elevator and a cat that talks to him. Next week is when Elmer's adventures really begin.
- We played several different games to learn to distinguish between nouns, verbs and adjectives as well as synonyms vs. antonyms.

Math

- The students did very well on their first Fact Assessment and Written Assessment. Concepts covered on the assessments were: beginning addition facts, how to interpret a calendar and telling time to the hour and half hour.

History

- We read Genesis 3, where the Fall in the Garden occurs. We discussed how deeply sad this chapter is compared to the joy in the first two chapters of Genesis that we experienced last week.

Science

- The students have been busy collecting insects from the playground and bringing them in for us to view under a microscope. This week we learned what the different parts of an insect are called, then hunted for those parts with the microscope. Ask your student which insect's features they enjoyed viewing the most.

Music

- Second Grade began Music Class with Prayer and we spent some time listening to

the beautiful music of our Quarterly Composer, Chopin. Then we had our first Music Theory Lesson about The Staff and its lines and spaces. Ask your child how many there are! We finished class singing our Warmups, School Song, and Quarterly Hymns.

- Very soon we will be practicing our music for Bradford Night!

Art

- We are continuing to work on our nature journal by drawing the insects that we are studying in science. This week we talked a lot about symmetry. Symmetry can be seen in so much of our natural world including the intricacies of insects!

P.E.

- We are working on learning the rules of the game of soccer and practicing basic skills.

Memory Work:

- Proverbs 26:18-21

3RD GRADE (MRS. MITCHELL)

Language Arts

- Reading: We read an abbreviated version of the Iliad to get an overview of the story and then later in the week started the more exciting version, *Black Ships Before Troy*, chapter 1.
- Writing: We began our first keyword outline.
- Upcoming: Throughout the year students will be answering reading comprehension questions. I will encourage them to work hard to give complete and correct answers the first time.

Math

- I'm so proud of the giant strides students made in their timed addition facts this week. Extra practice makes a difference!

New concepts included: reading, writing, and estimating time to the nearest minute and second; identifying the relationship between seconds, minutes, and hours; identifying a.m. & p.m.; adding 3 or more single digit numbers; identifying a missing addend & missing numbers in a sequence; representing data on a graph; first assessment.

- Assessments will typically be on Fridays.

History

- Mycenaean Culture. Never heard of it? Ask your student how they were different from the hedonistic Minoans. Our history cards are packed with new vocabulary.
- Tests are typically on Fridays.

Science

- We finished filling in our study guide; examined the classification of the Bald Eagle and the Eastern Bluebird, learned a classification song, started memorizing the 3rd grade bird sound-off and did a tracing of the body parts of a bird.
- Upcoming test: Wednesday 30th

Latin

- 1st Conjugation verb endings and 10 new Latin nouns. We also learned a chant about Person, Number and Tense. See if they can say it for you.
- Tests are typically on Fridays.

Music

- Third Grade began Music Class with Prayer and we spent some time listening to the beautiful music of our Quarterly Composer, Chopin. Then we had our first Music Theory Lesson about The Staff and its lines and spaces. Ask your child how many there are! We finished class singing our Warmups, School Song, and Quarterly Hymns.
- Very soon we will be practicing our music for Bradford Night!

Art

- Overlapping spheres. We are enjoying our youtube tutorial with Mark Kistler.

P.E.

- More soccer dribbling skills this week in preparation for the soccer field trip & house competition.

Memory Work:

- Proverbs 25:28 - A worthy review from last year.
- Art Fundamentals Song

4TH GRADE (MRS. HAMILTON)

Language Arts

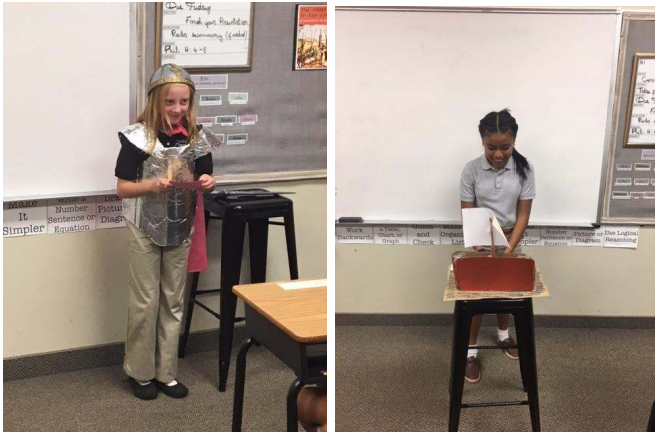
- Reading: *The Door in the Wall* — students are holding their breath, awaiting Robin's final adventure!
- Writing: Each student completed an original story using the basic elements of a story and began summarizing the first of three passages about Greek myths.
- Grammar: We worked on more complex introductory sentences and reviewed the four kinds of sentences.

Math

- We learned about the relationship between addition and subtraction, the subtraction algorithm, and missing addends. Students also completed their first investigation (Word Problems) and took their first assessment.

History

- *The Barbarian Invasion and Vikings*. Thank you for helping your children with their presentations! It was such an exciting time in the fourth grade classroom!



Claire Hurley and Dafne Jimenez presenting about *Attila the Hun and the Teutons*.

Science

- We continued our study of plants by learning to identify gymnosperms and angiosperms. We took our second “Plant Detective” trip on the school property and had an amazing opportunity to observe our peanut plants “burying” flowers. Students have been greatly enjoying observing leaves, seeds, roots, and flowers under our powerful HDMI microscope, which connects to a 60” screen. Students also learned how to prepare and clean slides and how to use and care for a standard microscope.

Latin

- We successfully completed another chapter of Latin, where we reviewed the four verb participles and the 1st and 2nd conjugation verbs (amo and video) and began our first “speed-parsing” exercises.

Music

- Fourth Grade began Music Class with Prayer and we spent some time listening to the beautiful music of our Quarterly Composer, Chopin. Then we had our first Music Theory Lesson about The Staff and its lines and spaces. Ask your child how many there are! We finished class singing our Warmups, School Song, and Quarterly Hymns.

- Next week we will begin learning how to play the recorder instrument. Along with playing in class time the students will be expected to also practice 15 minutes after school every day. Please make sure your Fourth Grader is diligent in their practice time. Thanks so much!

Art

- The students continue to do an excellent job with pencil drawing; this week we drew a cube structure, adding shading and shadows.

P.E.

- Soccer skill: dribbling; getting ready for the soccer P.E. field trip.

Memory Work:

- Philippians 4: 4-8
- Emily Dickinson’s (our poet of the quarter) poems “*Hope is the thing with feathers*” and “*Success is counted sweetest*”.



3rd and 4th Grades warming up for PE!

5TH GRADE (MS. WINDES)

Language Arts

- Reading: Bilbo has gained a bit of professional worth in the dwarves’ eyes by his stealthy pickpocketing, but still all the dwarves manage to be caught by three unruly trolls. Fortunately, Gandalf’s wisdom gets the best of the trolls’ foolishness and their incessant arguing causes them to be

turned into stone. We discussed Bilbo's growing role, the character of the trolls, and foolishness v. wisdom. We also learned how to identify and interpret symbolism.

- Writing: In writing, we completed our sea snake paragraphs and began a short set of paragraphs about Columbus. The students are especially practicing using vivid words and a variety of sentence openers.
- Grammar: Producing comic strips and mini-books using the various parts of speech and four types of sentences has brought laughter to the lessons. The students show great creativity while learning their grammar rules.

Math

- Our math this week has included lines, segments, and rays; linear measure; finding the perimeter of any polygon; the number line; sequences and scales; and tables, histograms, and surveys.

History

- This week we studied Columbus, the undoubtedly bold and daring explorer who landed off the coast of the Americas, though fully believing himself in the Indies. He was rather confused about his geography, but his explorations still lead to many discoveries.
- Upcoming: Friday, 9/01: Magellan Test

Science:

- We completed our study of bones and the skeletal system. Students did a great job on their first anatomy test, reviewing the organ hierarchy and the functions of the skeletal system, as well as naming the twenty-one major bones in a human body. However, fifth graders learned much more than just the information for the test; they were surprised at the functions of osteoclasts and

osteoblasts, the role of hormones in the bone formation, as well as at the importance of a balanced diet and movement in maintaining bone integrity.

Latin

- We reviewed direct objects and indirect objects in English first, preparing to review the Dative case and translate both from Latin to English and English to Latin. We slowed this chapter down a bit to give us extra time to practice our translations!
- Upcoming: Wednesday, 8/30: Ch. 2 Test

Music

- Fifth Grade began Music Class with Prayer and we spent some time listening to the beautiful music of our Quarterly Composer, Chopin. Then we had our first Music Theory Lesson about The Staff and its lines and spaces. Ask your child how many there are! We finished class singing our Warmups, School Song, and Quarterly Hymns.
- Very soon we will be practicing our music for Bradford Night!

Art

- In preparation for our newest pencil drawing project, the students practiced drawing chess pieces with pencil, especially taking notice of shape and symmetry, shading, lights and darks, and contrast.

P.E.

- Soccer skills and drills, especially practicing passing and dribbling.
- Upcoming: If you have a soccer ball at home, it would be great to have them bring it on Thursdays.

Memory Work:

- This week: Romans 12:3-5
- Next week: Romans 12:6-8

6TH GRADE (MRS. GARRETT)

Language Arts

- *The Jungle Book* continues to open up new sights and sounds for the class.
- Homonyms, antonyms, synonyms and reviewing the various parts of speech, prepositional phrases and crafting comic strips using the four types of sentences has brought laughter to the lessons.
- August 31: Vocabulary Test from Kipling's *The Jungle Book*.
- Kipling's poem, *If*, provides great challenges and inspiration for the class as we look in depth at the components of poetry.

Math

- Place value through hundred trillions, fractions-divisibility, lines and angles, fractions and percents, adding, subtracting and multiplying fractions.

History

- Students discovered the many benefits of the Erie Canal and how it changed the course of history for our country. The class began their History booklets to illustrate the various events from the early 1800's onward.

Science

- The solar eclipse brought much excitement and students asked brilliant questions regarding the mysteries of the universe.
- Upcoming: Simple solar houses not only teach the students about the sun's power being harnessed in local neighborhoods, but also as a means of ministry in Africa and the Philippines. Large boxes will be needed by September 7 for the project.

Music

- Sixth Grade began Music Class with Prayer and we continued to listen to the classical

music of Chopin. Then we began our journey in Music Theory by having a lesson about the Staff and its lines and spaces. Ask your child how many there are! Then we finished class as we enjoyed singing our warmups, and Quarterly Hymns

- We will begin practicing our music for Bradford Night soon!

Art

- 3-D shapes and their use in gesture drawing.

P.E.

- Soccer skills and drills, especially practicing passing and dribbling.
- Upcoming: If you have a soccer ball at home, it would be great to have them bring it on Wednesdays.

Memory Work:

- This week: 1 John 1:1-4,
- Next week: 1 John 1:1-6

LOGIC & RHETORIC

SCHOOL

MR. HAMILTON

7th Grammar/Comp

- We took a look this week at paragraph editing, the types of sentences, the four types of writing, and rules for capitalization and punctuation.

7th Omnibus

- In our history section this week we studied the rise and ultimate fall of Israel, while in theology/philosophy we reviewed the problem of evil, as occasioned by the story of Joseph in Genesis, as well as the problem of free will, as presented in the story of Pharaoh and the Egyptians. In literature we

continued to read the story of Israel in the book of Exodus.

9th Logic

- We took a look at truth tables and conditionals this week.

9th History

- We continued to examine the movements that gave rise to the modern world, especially the Renaissance and the Reformation, and the economic and spiritual forces that drove both movements.

9th Literature

- In our literature class, we are continuing with Christian as he travels toward the heavenly city. This week finds him meeting the man in the iron cage, struggling at the hill of difficulty, passing through the lions, and much else. We are receiving great benefit from this classic spiritual work!

9th Theology

- We examined the doctrines of Scripture, God and his decrees, and creation and providence in the Westminster Confession this week.

MR. MILLER

7th Latin

- We continued our review of the Latin verb system by looking at how to conjugate verbs in the future and imperfect tenses.

8th Omnibus

- This week in the history/literature section we continued our trek through Eusebius' *Church History*, and in the theology section we began wrapping up our discussion of the Gospel of John.

8th Logic

- This week we learned how to categorize things by genus and species, as well as by extension and intension.

8th Writing

- We continued practicing how to write strong, clear, grammatically correct sentences through the process of editing and discussing a selection of poorly written sentences.

10th Literature

- We have been moving fairly quickly through *The Iliad* while trying to get all the characters, events, opposing sides, and conflicting motives straight. At the same time, we are pausing at certain points to reflect on the thematic and literary depth of Homer's poetry.

10th History

- We began to read Thucydides' *History of the Peloponnesian War* this week after an introductory survey of ancient Greek history. This survey provided us with a historical framework for understanding both the war and Thucydides' account of the war.

10th Rhetoric

- This week we continued to think about what "rhetoric" is with the help of Augustine and Aristotle through an analysis and comparison of their views on the subject.

MRS. FRUEH

7th Grade Science:

- This week, we finished our introductory unit on the nature and process of science with a review of the scientific method. We took our first summative assessment and began our new unit on theories on the origins of the universe.

- I will be out of town next week, but the students will have an assignment in my absence. If they have a small dictionary and Bible, they should bring them to class next week. I am looking forward to exploring the many theories on the origins of the universe with them when I return in September.

8th Grade Science:

- This week, we finished our introductory unit on the nature and process of science with a review of the scientific method. We took our first summative assessment and began our new unit on matter and energy.
- I will be out of town next week, but the students will have an assignment in my absence. If they have a small dictionary and Bible, they should bring them to class next week. I am looking forward to exploring the nature of matter and energy with them when I return in September.

MRS. ORLOWSKI

7th Pre-Algebra

- This week we learned multiplying and dividing by powers of 10 by moving the decimal point right and left. We learned the definition and representation of lines, rays, line segments, and angles. We learned shortcuts to determine if a number is divisible by 2, 3, 5, or 10. We reviewed for and took our first test this week.
- We will not have our next test until after Labor Day.

8th Algebra I

- We reviewed geometric concepts of the area of rectangles, triangles, circles, parallelograms, and trapezoids. We reviewed for and took our first test this week. We reviewed the rules for

multiplication/division of signed numbers, division by zero, and the commutative property of multiplication. We reviewed for and took our first test this week.

- We will not have our next test until after Labor Day.

MRS. BYRD

9th/10th Algebra II

- We are midway through our review of some Algebra I topics. Our first test will be on Monday. Students can look forward to finding and graphing linear equations, multiplying and dividing polynomials, as well as those infamous “train” type word problems.

MRS. FAIRCHILD

7th/8th P.E.

- We jumped into some agility training and some soccer skills this week. We look forward to developing these things over the next few weeks. Students may bring their soccer balls for P.E. class. As a reminder, students must be prepared for class with their entire P.E. uniform including shoes or it will impact their grade.

9th/10th P.E.

- Our students have done a fantastic job learning new skills and dedicating time to perfecting proper form in their fitness routine. They are already seeing that they can do more than they thought they could. They are also discovering the benefits of being fully hydrated and how water promotes good health.
- Students can anticipate the fitness program gradually building as they become stronger and practice developing more skills.

7th Art

- This class has enthusiastically launched into their comic strip project. They have practiced many techniques and are now applying those techniques to their own design. Some students are running into roadblocks and seeing that their original idea is not working out, however, this is a fantastic opportunity to stop, reassess, and tweak ideas to become an even better option than the original plan.

8th Art

- The students practiced their pen and ink skills and applied it to drawing the human nose. They used their knowledge of shading and practiced how to change the positions of the lines to show a gradual change for dark to light.

MRS. DOVAN

9th Spanish I

- In Spanish I, we are practicing vowel pronunciation as we learn introductory vocabulary. We've learned the basics of friendly greetings and introductions, and everyone has been diligent to speak clearly!
- Next Wednesday we will take our second vocabulary quiz as well as take our first test on Friday.

10th Spanish II

- We are thoroughly reviewing for the first few weeks so that we can move forward confidently in the more advanced material. This week we focused on telling time, adjective agreement, gender of nouns, the verb "to be," and conversational greetings and goodbyes.

- We will move forward in our review of Units 2 & 3 next week. Student should expect their first test on Friday.

MRS. GREGORY

7th and 8th Music

- This week Seventh and Eighth Grade began Music class with Prayer and we had some time to listen to the music of our Quarterly Composer, Chopin. Then we had our first Music Theory lesson about The Staff and its 5 lines and 4 spaces. This is the foundation for writing and reading music. Then we enjoyed praising the Lord and singing our Quarterly Hymns!

MR. JOHNSTON

8th Latin

- The students continued reviewing vocabulary and previous material. We spent some extended time discussing the importance and usefulness of Latin as well as the fun aspects of learning derivatives!

7th Logic

- Began our discussion of FALLACIES and how to categorize fallacies.

7th/8th Paideia

- Since so much of learning in the upper grades is done by way discussion we enjoy taking some time in 7th and 8th grade to practise discussing. This week we looked at strange images and tried to figure out what they were.

Kaitlyn Gomez Wins Alamance County Cross Country Meet!



The team gathers for a prayer of thanksgiving after the race.



Our 10th Graders reading Aristotle's *The Art of Rhetoric* during halftime at the soccer game!



Running Club begins!



Upper School Chess Tournament begins!



F.Y.I.

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