

BRADFORD BULLETIN

B R A D F O R D A C A D E M Y ' S P A R E N T U P D A T E

Special Points of INTEREST

- 02/12 - CHESS CLUB
- 02/14 - TK - Gparents' Day
- 02/19 - Pres. Day: No School
- 03/09 - End of Quarter
- 03/09 - MAKE UP DATE
- 03/30 - Good Friday-No School
- 04/2-6 - Spring Break
- 04/20 - Gala & Auction
- 05/24 - Patriotic Program

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.
- Enrollment for 2018/2019
- **Financial:** Funds for our scholarship program and future capital improvements.



GEN Z : SOME STATISTICS

Generations of Americans tend to share certain characteristics which often grow out of shared experiences. While there are always exceptions and outliers, statistical data can help us understand or at least recognize trends. Hopefully, a look at the data will also help us to better serve and equip our own kids. Barna Research Group just completed and released the finding from a recent study of the youngest generation known as Generation Z. These children, born between 1999 and 2015, are our current school age kindergarten through 12th grade students. More information and some of the data can be found here: www.whoisgenz.com. A few striking findings include:

1. This rising generation has the lowest professed understanding and embrace of a Christian worldview.

- 04 % Gen Z
- 06 % Millennials
- 07 % Gen X
- 10 % Boomers

2. Regarding religious affiliation, this generation is twice as likely to call themselves atheists (compared to adults). If you add the numbers together for those claiming to be Atheist, Agnostic, or "None" the results are:

- 35% Gen Z
- 29% Millennial
- 30% Gen X
- 20% Boomers
- 20% Elders

3. Gen Z seems to embrace moral relativism at an alarming number:

- ONLY 34% believe lying is wrong
- BUT 69% believe it is

acceptable to be born one gender and feel like another

- AND 42 % believe it is OK to change gender (by meds / surgery) (19% not sure)

• Equally shocking is the growing belief that "what is morally right and wrong changes over time based on society."

- 24 % Gen Z
- 21 % Millennials
- 18 % Gen X
- 12 % Boomers

4. This generation seems to be the least connected to family.

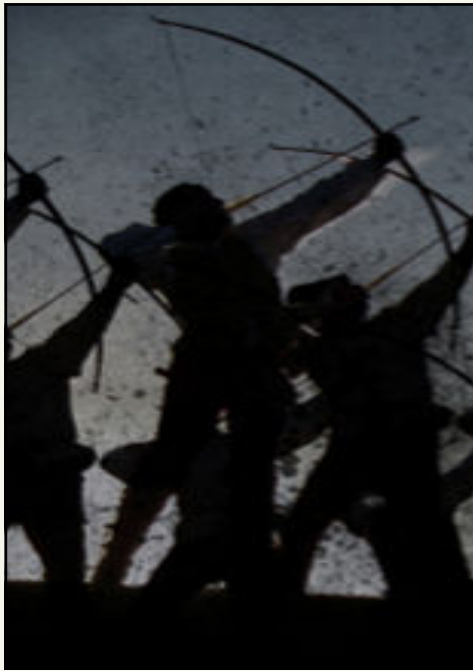
- Only half say parents are primary ROLE MODELS
- About one third say family is important to their identity.

5. Lastly, this generation being the first to never have lived without the internet and have come of age with the smart phone, it was found that **57 % use a screen for more than 4 hours a day.**

There were some positive findings. For example, this generation seems to avoid self destructive behavior and activities at an encouraging level. However, this statistic is mitigated by the fact that they don't get out as much and they have very high levels of anxiety. It is yet to be revealed

how these trends will work themselves out in society. I hope that this information would at least stir us up to be more faithful in our commitment to raise strong and morally courageous young people. Our commitment to robust Christian and classical education is needed now more than ever! Peace and grace.

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

GRAMMAR SCHOOL

Transitional Kindergarten (Mrs. Davis)

Bible

- This week we reviewed the Ten Commandments and the story of Moses. Next week we will be studying love and what it means. We will talk about different types of love. We will review love in our families as well as survey God's love and how his love applies to us.

Theme Adventure

- We continued practicing for Grandparents Day.
- The students have learned to be a gracious host and reviewed proper social greetings

Literacy

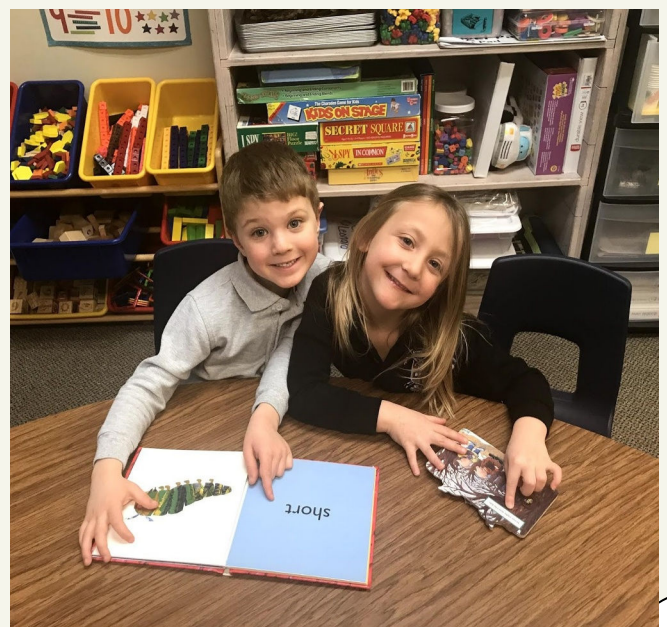
- We continued work with lowercase letter recognition. The students were challenged this week with finding lowercase letters in books from our class library. They are finishing capital letter handwriting practice and will begin writing lowercase letters soon.

Math

- We worked on counting dimes and purchasing items in a class store. We reviewed counting by 10s to 100. The students have begun independently writing the numbers 1 through 10 in order.

Arts and Sciences

- The students enjoyed creating pieces of art using different mediums. The students worked



From the Teacher's Desk (Continued)

with clay, crayons and watercolor and created their own stories this week.

Kindergarten (Mrs. Rivera)

Language Arts

- Target sounds C and K, target letter combination CK, reading syllables, and review day
- Proper strokes for the letters C and K
- Alphabetical order and our next book, *Ben and His Pen*

Math

- Addition facts: showing doubles plus one, identifying doubles plus one, written assessment 15, and oral assessment 8
- Review of doubles plus one

History

- We discussed the Medieval time period.
- Medieval Period

Science

- We discussed the sun and the constellations. We lit up our ceiling with Orion, Ursa Major, Draco, Ursa Minor, Leo, Pisces, Gemini, and Taurus.
- Mammals

Music

- This week began class with prayer and our lesson was about music and different types of dance! We had our usual fun time of coloring and listening to our quarterly composer, Johann Strauss II. Then we stood, warmed up our voices, and sang, "Jesus Loves Me," and, "Amazing Grace."

Art

- We finished our grey scale pictures
- Self-portrait

P.E.

- Basketball drills- passing and dribbling
- Passing and dribbling

Memory Work:

- Romans 11:33-36
- Isaiah 40:28

1st Grade

(Mrs. Campbell)

Language Arts

- Target: The two sounds of OO (good/troop)
- We also practiced dropping final silent E to add ING (smile/smiling) and final LY (softly, bravely)
- Primer: *Lexi's Hope* - reading comprehension and art activities

Math

- First graders entered new territory this week as they learned how to add two-digit numbers with regrouping. We used dimes and pennies to facilitate understanding of the concept. The students are catching on quickly and they think it's lots of fun!

History

- "Keep up your courage, Sarah Noble." We were inspired by the courage of Sarah and also by the faith of Lexi in our reading this week, and we were reminded that this is a gift from God. We also began reading *The Matchlock Gun*.

Science

- After reading *Magic School Bus: Inside the Earth*, students enjoyed creating their own model of the earth's layers using paper plates and paint!

Music

- This week we had a special music history lesson where we watched a video about the life of our quarterly composer, Johann Strauss II! Unfortunately, we didn't have enough time to sing our hymns of love.

Art

- Students studied and imitated the beautiful markings of the American Robin.

P.E.

- We had a great time practicing basketball in a gym for our P.E. field trip!

Memory Work:

- Philippians 4:19-20

From the Teacher's Desk (Continued)

2nd Grade (Mrs. Jones)

Language Arts

- We began *Owls in the Family* this week, which is sure to be one of the kids' favorites! We learned about an owl's natural enemy, the crow and how crows seem to enjoy driving owls crazy. Ask your student who fell flat on their face in the book and why this is funny!

Math

- Multiplication (x1, 2, 5, 7, 10)
- Perfect Squares
- Introduction to Roman Numerals
- A new challenge has been issued to the students to find Roman Numerals out in the real world!

History

- We studied the ancient Code of Hammurabi this week and tried to decipher some Cuneiform for ourselves. Please remember that their sarcophagus is due next Thursday, February 15th.

Science

- Review of Solar System-order of planets
- Phases of the Moon
- Test on Tuesday, February 13th

Music

- This week we began class with prayer, and had a special music history lesson that included a video about the life of Johann Strauss II! Then we all stood, warmed up our voices, and sang our hymns of love.

Art

- The students got to play art detective with paintings by Jan Vermeer and Winslow Homer. They were shown two identical paintings with the exception of 10 mistakes in one of them. They worked in partners to find the mistakes and then decide which painting was the original.

P.E.

- Basketball Field Trip
- We had a great time learning and

practicing basketball on a real court with hoops that were lowered just for them. Many of the students made their very first baskets!

Memory Work:

- Psalm 32:1-7

3rd Grade (Mrs. Mitchell)

Language Arts

- Reading: We finished *Misty of Chincoteague* and had a great discussion about Marguerite Henry's excellent writing style. We also voted on how we would have ended the book if we had been the author.
- Writing: We wrote first drafts of our keyword outlines and finished final drafts for the Burlington Writers Club.

Math

- Identifying triangles, squares and parallelograms; identifying congruent and similar triangles; identifying units of mass; ordering objects by mass; estimating and finding the mass of an object using gram cubes; double digit multiplication; reading a thermometer using Fahrenheit and Celsius scales; estimating temperatures.
- Tests are typically on Fridays.

History

- Rome Rises to World Power - We learned about the Punic Wars this week and how they contributed to Rome's dominance over Greece as well as North Africa.
- Tests are typically on Fridays.

Science

- Chemistry: We experimented with water, learning about how molecules adhere together and how to break these strong bonds. We also compared water bonds to the bonds of vegetable oil, and rubbing alcohol.

Latin

- Chapter 19: Future tense endings and new vocabulary. Students are getting very

From the Teacher's Desk (Continued)

good at parsing! If you're not sure what that means, see if they can explain it to you.

- Tests are typically on Fridays.

Music

- This week we began class with prayer, and had a special music history lesson that included a video about the life of Johann Strauss II! Then we all stood, warmed up our voices, and sang our hymns of love.

Art

- We continued our drawings of the *Girl with the Pearl Earring*.

P.E.

- P.E. Basketball Field Trip: Students had the opportunity to partner with 7th graders to get tips on how to be better players. We played several half court and one full court game. It was a great experience.

Memory Work:

- Psalm 19:9-10



4th Grade

(Mrs. Hamilton)

Language Arts

- Reading: We began E.L. Konigsburg's *From the Mixed-Up Files of Mrs. Basil E. Frankweiler*.
- Writing: students polished up their stories for the Burlington Writers' Contest and began working on their poems.
- Grammar: editing for punctuation,

capitalization, and clarity.

Math

- Students learned to display data in various ways, reviewed the relationship between fractions, decimals, and percents, and began learning about area.

History

- *The Hundred Years' War, Joan of Arc, and The Black Death*: students researched a topic and presented their books to the class.

Science

- We began learning about major mountain ranges. Students will be bringing home maps they will be studying for the next few weeks.
- **Geography test on Thursday, February 22:** Mountains, Seas, Oceans, Canyons, Plateaus, and Volcanoes.

Latin

- Third declension i-stem nouns.

Music

- This week we decided to continue practicing the piece we learned last week on recorder, so that we could watch the historical video about the life of Johann Strauss II, as the other classes did.

Art

- The students continued to add details to their cities in one point perspective, drawing 3D details such as balconies, stairs, windows, doors, trash cans, and other city features.

P.E.

- P.E. Basketball Field Trip: Students had the opportunity to partner with 7th graders to get tips on how to be better players. We played several half-court games and one full-court game. It was a great experience.

Memory Work:

- Matthew 5: 10-16
- Geography

5th Grade

(Ms. Windes)

Language Arts

- Reading: This week we reached the end of

From the Teacher's Desk (Continued)

Duel in the Wilderness, watching Washington successfully deliver the letter from the French to Governor Dinwiddie. We had two end of book discussions about some of the themes in the book especially related to a character developing over the length of a journey (similar to *The Hobbit!*).

- Writing: As the students made final revisions to their stories, they also began writing poems in imitation of Frost, Dickinson, and Poe. Our revision focus this week was descriptions that involve specific details, sensory information, finding the best words, and using figurative language.

- Grammar:

Math

- We learned this week about exponents, writing decimal numbers as fractions, writing fractions and ratios as decimal numbers, writing fractions and decimals as percents, and comparing fractions by converting to decimal form.

History

- After the colonists' midnight ascent and fortification of Breed's Hill, the British woke to discover their plight. Although the British lost many more men than the colonists, they did regain the hill in what came to be known as the Battle of Bunker Hill. The students are doing a superb job creating their guides to the Revolutionary War.

- Upcoming: Friday, 2/16: America Declares Independence Test

Science:

- After observing the *stellar presentations*, students learned about Nicolaus Copernicus and Galileo Galilei. Next week, we will learn a little bit about Tycho Brahe and Johannes Kepler and watch a few excerpts from the documentary

Journey Through the Milky Way.

Latin

- We have added the fourth declension to our noun declension families, as well as a new set of vocabulary. We also reviewed how to recognize a noun's declension.

- Upcoming: Thursday, 2/15: Ch. 21 Test

Music

- This week we began class with prayer and our reciting our weekly praise verse. Then we watched a historical video about the life of our quarterly composer, Johann Strauss II! Unfortunately, we did not have enough time to sing our hymns of love.

Art

- We finished a short unit on color theory with a quiz that had almost no words! The students mixed colors and painted to demonstrate their knowledge of primary, secondary, tertiary, complementary, warm, and cool colors. We are looking forward to our bigger painting projects during the rest of the year!

P.E.

- We enjoyed a field trip this week to play basketball on a real court! The students did a superb job organizing their teams with positions and

playing with enthusiasm!

Memory Work:

- This week: Philippians 2:9-11
- Next week: Philippians 2:12-13

6th Grade

(Mrs. Garrett)

Language Arts

- The class focused on reading accounts of the famous Transcontinental Railroad this



From the Teacher's Desk (Continued)

week, and worked on comprehension in particular.

- Writing: Revising and editing short stories for the Burlington Writers' Contest continues.
- Grammar: Students investigated God's Word for imperatives and interrogatives. Many of the verses they found were scribed onto bookmarks for orphans in Panama. The class also focused on apostrophes and possessive pronouns culminating in a test on Friday.

Math

- Radius, diameter and circumferences, as well as a timed test solving complex fractions.
- The various triangles and their corresponding angles and measurements.

History

- The Transcontinental Railroad brought the idea of Manifest Destiny and Economic Nationalism into the spotlight for the students. From the economic perspective to telegraph communications and cultural conflicts; the railroad radically transformed the entire country. The students began to create dioramas depicting a particular terrain of one section of the track.

Science

- After a test on the microscope, a visit from Mrs. Stacey James brought the microscope into sharp view this week. The class viewed nerves and blood samples and practiced using the microscope with its various lenses. Mrs. James' expertise was greatly appreciated!

Latin

- In Latin, we learned about verbs of the third conjugation and prepositions, while still practicing translating and reviewing our new vocabulary. The chapter 11 test will be on Thursday, February 15th.

Music

- This week we began class with prayer and our reciting our weekly praise verse. Then we watched a historical video about the life of our quarterly composer, Johann Strauss II! Unfortunately, we did not have enough time

to sing our hymns of love.

Art

- Sketching roses and practicing using pastels.

P.E.

- We enjoyed a field trip this week to play basketball on a real court! The students did a superb job organizing their teams with positions and playing with enthusiasm!

Memory Work:

- History Song
- I John 1-2:14
- Upcoming: The Gettysburg Address

LOGIC & RHETORIC SCHOOL

Mr. Hamilton

7th Grammar/Comp

- This week in grammar/comp we continued working hard on our creative writing projects. These projects (poems and stories) are not only giving us a chance to hone our writing skills but also to come to a deeper understanding and appreciation of what makes for good literature. Having successfully crafted drafts of work that are serious and reflective in tone, we are now adding the finishing touches, focusing on the finer points of writing style.

7th Omnibus

- We spent most of this week working on our Plutarch projects. The students voted on adding visual aids to their Plutarch presentations, so we gave the week over to creating detailed and attractive boards and posters on the students' assigned historical figures. The 7th graders have worked hard to navigate the rather dense and often syntactically awkward Dryden translation (revised in 1864!) and have produced some quality work.

9th Logic

- This week we continued our review of

From the Teacher's Desk (Continued)

arguments in symbolic form.

9th History

- Things are happening at a dizzying pace in the 19th century: France has suffered through multiple revolutions; Germany, once fragmented, has unified through a process of war and revolution, just as Italy before it; the Romantic movement across the arts has come and gone; the Crimean War, merciless in its savagery ("Half a league, half a league/Half a league onward/All in the valley of death/Rode the six hundred") has proven that the Crusades were, in effect, still being fought; Britain has come into the Victorian Age; and across the Atlantic in America, a nation moves tragically toward Civil War.

9th Literature

- We are coming to the end of *Frankenstein*, the fascinating Romantic and Gothic novel by Mary Shelley. In our final discussions we have focused yet again on its many themes, especially the themes of the novel as a critique of Christianity, the dangers of scientific progress and ambition, and the timeless theme of the individual vs. society.

9th Theology

- In conjunction with both history and literature, we focused on many different theological issues this week. Perhaps most notable among them was one that arose in our reading of *Frankenstein*, which plainly asserts, among many other things, that man is born innocent, and is only corrupted through the influence of the environment he is nurtured in. This, of course, is in contrast to the Biblical worldview, which, although providing ample place for the role of nurture (think of the Proverbs), clearly affirms original sin and the ultimate failure of environment to either efface or excuse it.

Mr. Miller

7th Latin

- This week we studied the third conjugation

and Latin prepositions.

8th Omnibus

- We spent some time in class working on papers that examine some of the many Christian themes in Tolkien's *Lord of the Rings* series. We also had fun watching the first movie, *The Fellowship of the Ring*, in class!

8th Logic

- We began learning rules for determining whether or not a syllogism is valid.

10th Literature

- Having finished reading the "pastoral" poetry of Virgil, we spent time writing our own pastoral poems.

10th History

- As we continue to read Livy's account of Rome's war with Hannibal, we have passed through the great Roman defeat at the battle of Cannae, and we have now jumped ahead in the book to near the end of the war where the tide has turned in Rome's favor.

10th Rhetoric

- In honor of the recent Martin Luther King Jr. holiday, we spent time watching some of his speeches and analyzing the effective elements of his rhetorical ability.

Mrs. Frueh

7th Grade Science:

- We wrapped up our study of the theories on the origin of the moon this week with a Socratic Seminar. The students prepared for the Seminar by reading from multiple sources, both secular and faith-based, and came to class prepared to discuss the strengths and weaknesses of each of the various theories scientists have put forth to explain the origin of our moon. We had a "fishbowl" Socratic Seminar where every student had an opportunity to sit in the 4-person

discussion circle while the rest of the class listened and rated their interactions. It was an excellent day of learning and the students were very impressive in their insights and demeanor. After weighing the evidence on all sides, we concluded that each of the theories posed by cosmologists has significant weaknesses and the idea that the moon was specially created *ex nihilo at its present distance and orbit is still the best explanation for its origin.*

- The Moon Unit test that was scheduled for Tuesday has been moved to Thursday, Feb. 15th.

8th Grade Science:

- This week we continued learning about the different classifications of chemical reactions. We laid the groundwork for beginning our study of acid-base reactions by defining acids and bases with both the Arrhenius and Bronsted-Lowry definitions of each. This necessitated a mini-lesson on Avogadro's number which left us all in awe of the size and scope of the molecular world. Ask your student what would happen if every molecule of water in 3 ½ teaspoons of water was turned into a penny. You'll be surprised too!
- The Chemical Reaction test that was scheduled for Tuesday has been moved to Thursday, Feb. 15th.

Mr. Palmer

7th Pre-Algebra

- This week we learned what absolute value means, how to graph inequalities, and how to understand fractions with powers and roots.
- This coming Monday we will be having a test. Please take time to review with your students the Review Sample Test 18B. This test will cover all lessons up to 72.

8th Algebra I

- This week we learned how to factor trinomials and how to solve probabilities. I have been pleased with how well they seem to grasp new material.
- This coming Monday we will be having a test. Please take time to review with your students the Review Sample Test 18B. This test will cover all lessons up to 72.

Mrs. Gregory

7th and 8th Music

- We had a "hands on" music theory lesson about measures and time signatures, where the students had the chance to count out and write out the correct time on their worksheet. We also stood, warmed up our voices, and sang our hymns of love. Finally, we took on a home-work assignment to read a summary of the opera, "Die Fledermaus," that must be signed by a parent, and turned in for a grade.

Mrs. Byrd

9th/10th Algebra 2

- This week we worked on more uniform motion problems, solved equations containing multiple radical expressions, and learned to divide complex numbers. Next week we will learn some advanced exponent rules, solve systems of nonlinear equations and systems of three equations. We have a test planned for the end of next week.

Mrs. Dovan

9th Spanish 1

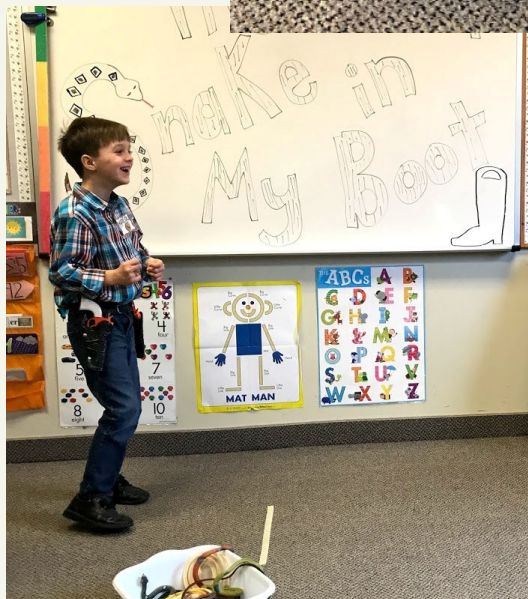
- In place of a quiz this week, students have been working on a group script that combines vocabulary and grammar from this unit. Next week, we will finish out the unit as we learn stem changing verbs. I plan to test Spanish I on Unit 4 on Friday.

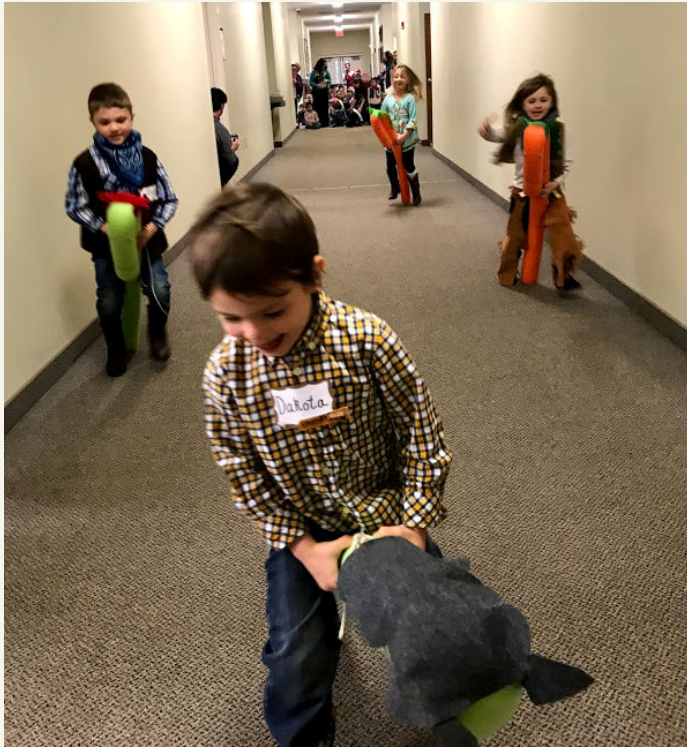
10th Spanish 2

We've been incorporating indefinite and negative words into our conversation this week and are closing out Friday with another set of helpful verbs: verbs like *gustar*. The concept behind this verb, as it translates to "---- pleases me" rather than "I like ----", reminds us that objective realities of truth, beauty, and goodness exist outside of us; subjective opinion does not determine something's value. Students should expect a Unit 7 test as soon as next Wednesday.

One Hundredth Day Rodeo Round-Up!

Leiden wins the day!





Women in Prayer

Please join us as we
come together to pray
for the school, the teachers
and the students.

Mondays
8:00 am
at Bradford Academy
(in the Lobby)

*The prayer of a righteous person
is powerful and effective.*
James 5:16