



Brigham Academy Newsletter

A Center for Science, Technology, Engineering, and Math
February 2019



Principal's Points



A note from Mrs. Boland

The second semester is well under way, and I want to thank everyone for your continued support of our students, teachers, and school as we collectively strive to provide optimal opportunities for learning each and every day. We are diligently working to provide opportunities for all students to succeed in learning the acquired skills necessary to be successful in school.

Knowledge is power and all parents want their children to be armed with the knowledge to be successful in life. Please join with us to instill in your child that school is important. If parents value school, so will their children. They will have more excitement about new learning and more willingness to try new things. They need to come each day on-time, ready to behave and ready to learn. Let them know that you expect greatness out of them, just like we do at school. Please make sure they read every day at home because being a fluent reader will help them in all subjects. We are proud of all our students and we know, with your help, our students will continue to grow by leaps and bounds in all they aspire to do.

A healthy self-esteem is also vitally important for all children. Please help us by telling your child frequently how smart and capable they can be. We work on this in classes and want your child to feel good about themselves and have confidence. That will help them throughout their lives in all areas.

I want to thank our families for supporting the wonderful teaching and learning taking place here at Brigham Academy! Please know our staff is here to help in any way possible to meet the needs of all students. I look forward to celebrating all successes with our students.

Sincerely,
Lynn Boland
Principal

Friendly Reminders:

- For safety reasons car riders will not be released to anyone that does not have a Brigham Academy issued car tag. If you need one please contact the front office at (863) 291-5300.

The following list of books correlate with our IB focus for February which is Open Minded.



- Green Eggs & Ham AR level 1.5
- The Crayon Box That Talked AR level 2.2
- The Other Side AR level 2.7
- Oliver Button is a Sissy AR level 2.9
- How My Parents Learned to Eat AR level 2.9
- Oh, the Places You'll Go AR level 3.3
- Amazing Graze AR level 3.5
- City of Ember AR level 5.0

Purchase your year book today!

Visit: YBPay.Lifetouch.com School Code: 4791619

School Events:

- 2/02 Brigham Chess Tournament
- 2/06 **Early Dismissal (12:30)**
- 2/6 Chick-Fil-A Spirit Night
- 2/14 PTO Dress Down Day
- 2/14 Interim Reports Go Home
- 2/15 **No School for Students- Staff Development Day**
- 2/18 **No School-Presidents day**
- 2/27 Sunshine State Young Readers/Chess/Bear Choir Shirt Day-Wear Your Shirt Proud!
- 3/1 First Grade Field Trip to Busch Gardens
- 3/1 Second Grade Field Trip to Bok Tower
- 3/6 Chick-Fil-A Spirit Night
- 3/8 Kindergarten Field to Lowry Park Zoo
- 3/13 **Early Dismissal (12:30)**
- 3/15 PTO Dress Down Day
- 3/20 Sunshine State Young Readers/Chess/Bear Choir Shirt Day-Wear Your Shirt Proud!
- 3/25 Spring Break 3/25-3/29

IB Learner Profile: Open Minded

We respect the differences in others and actively listen to other people's thoughts and ideas. We seek and consider a range of perspectives and grow from experience.

QUOTE OF THE MONTH: "The measure of intelligence is the ability to change."

-Albert Einstein

IB Tickets This month we are reflecting on being open minded. Acknowledge your child's efforts by completing the action ticket on this newsletter. These action tickets will be displayed in the lunchroom for everyone to see as well as shared on the morning news.



Here is how

(Student Name)

chose to take ACTION today to demonstrate the learner profile!

Description of How the Student Demonstrated This:



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(Student Name)

chose to take ACTION today to demonstrate the learner profile!

Description of How the Student Demonstrated This:

STEM News:

Science:

Kindergarten: Students will explore motion and gravity through toys that we make (helicopter, airplane, hoop glider, penny spinner).

First Grade: Students will become entomologists and botanists as they learn about the needs of plants and insects.

Second Grade: Students will become meteorologists and explore all things weather through hands on exploration/inquiry. Students will learn about Fibonacci and explore patterns in the world. They will create a rain cloud in a jar and will use weather instruments to conduct labs about the water cycle and condensation

Third Grade: Students will explore space and our universe through hands on labs.

Fourth Grade: Students will do research on the patterns of the stars and history behind the constellation names.

Fifth Grade: Students will explore the dynamics of weather and cycles in the Earth's atmosphere.

Engineering:

Kindergarten: Students will apply the concepts of the various ways objects can move and the way to change the motion of an object is to apply a push or pull. Students created their own toy and are currently working on creating a telescope.

First Grade: Students have done Soil observation, Trait Inheritance-Create your own insects that are similar, and are currently working on Make your own Erosion.

Second Grade: Students will be working with weather patterns to plan a party that will happen at a certain time of year based on weather patterns

Third Grade: Students completed closed loop electrical circuits and observing organisms from oak, pine tree and decaying log habitats. Potential and kinetic car building project.

Fourth Grade: Students will be building straw rockets based on the space economy and culture of Florida.

Fifth Grade: Students will create a tri-fold brochure or poster illustrating the water cycle. They will build a roof that will sustain wind and water.

Math:

Kindergarten: Students will use a real-world scenario to solve a non-routine problem. The students will be able to use prior knowledge, problem solving skills, and cooperative groups to create a model to explain their understanding. Students will: develop a procedure to rank the toy cars; communicate their reasoning effectively and coherently to peers; present information, findings, and evidence; collaborate with groups to collect information.

First Grade: A trash hike will take place. Students will sort objects into recyclable and non-recyclable bins. The amount of trash will be weighed and compared. Learners will also collect data related to their favorite time of day. Students will work with horizontal and vertical bar graphs, as well as frequency and tally tables.

Second Grade: Measurement patterns will be explored. Students will recognize change in a number and relate it to a sum or difference. Students will use maps and temperatures to calculate change in various locations both locally and in other cities and in other countries. Time and money concepts will be explored in how the world works.

Third Grade: Students will explore kiva.org to find people in North America that could use financial help. Fractions will be tabulated to learn how much money has been lent and how much money still needs to be earned.

Fourth Grade: Students will explore distances that have been traveled in a period of time. Map My Run will be used to calculate time and distance. Area and perimeter concepts will be discovered.

Fifth Grade: In the problem solving lab, students will combat poverty and learn about microloans as they focus on decimal operations as they explore restaurant ownership, order supplies, price meals, and construct menus.

Art:

Congratulations Sarah Anthony (2nd)! She was the proud recipient of the purchase award from the Polk Museum of Art. Each year the museum buys one piece for their permanent collection.

Congratulations also goes to Mya Maudlin (5th) and Lauren Aliff (5th) both with their Tag Art design and Ellie VanderHeiden (5th) with her self-portrait.

IB Units:

Kindergarten students are studying Where We are in Place and Time. An inquiry into orientation in place and time. Central Idea: Entertainment reflects the time and place of creation.

First Grade students are studying Sharing the Planet. An inquiry into rights and responsibilities in the struggle to share finite resources with other people and with other living things; communities and the relationships within and between them. Central Idea: People's choices can affect the survival of living things.

Second Grade Students are studying How the World Works. An inquiry into the interaction between the natural world (physical and biological) and human societies. Central Idea: Patterns in the universe can influence life.

Third Grade students are studying Who We Are. An inquiry the into the nature of the self; human relationships including families, friends, communities and cultures. Central Idea: Communities are made up of different cultures and relationships.

Fourth Grade Students are studying Where We Are In Place and Time. An inquiry into the discoveries explorations and migrations of humankind; the relationships between the interconnectedness of individuals and civilizations from local and global perspectives. Central Idea: Exploration can lead to discovery.

Fifth Grade Students are studying Sharing the Planet. An inquiry into rights and responsibilities in the struggle to share finite resources with other people and with other living things; communities and relationships within and between them; peace and conflict resolution. Central Idea: Cycles can impact the world.