Dear Parents,

October is a busy month at Brigham Academy. We have many exciting academic challenges going on in classrooms and fun events going on throughout the school. Our annual Book Character Parade is on October 31st. More information about the Book Character Parade will be sent home soon. It is a fun event for the students and we would love for parents to come and watch our parade.

Our staff and students have been working hard to implement IB practices throughout our curriculum. The students have embraced this new global way of thinking over the last two years. I want to applaud our fantastic faculty for the endless hours of planning and preparation spent to ensure all of our students’ academic success. We are happy to announce that this month Brigham will go through the final evaluation stages of IB candidacy and will hopefully be an accredited IB school.

I am very proud of how well our students are achieving in class and I am thrilled with the exciting academic challenges taking place each day. Keep them reading every night. That is so important in their learning process. Thirty minutes a night can make a difference in how well they perform in every subject as well as standardized tests.

We believe communication with parents is vital and we strive to keep you informed of all events and items of interest throughout the year. Parents are the key to a child’s success and we are excited to have the opportunity to work with you and your child.

Lynn Boland

IB Learner Profile: Inquirer
We are curious and enjoy learning. We ask questions, research, and make discoveries.
QUOTE OF THE MONTH: “Think and Wonder, Wonder and Think” — Dr. Seuss

Business Partner and Family Shout Outs:
Congratulations and Thank You to the Water’s Family for becoming a Brigham Paw Sponsor!
If you are interested in becoming a family or business sponsor please e-mail jessica.palomaki@polk-fl.net

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 clinic is in need of new under garments sizes child 4-adult small. Also, if you have uniform polos, please consider donating them to the clothes closet.

The following list of books correlate with our IB focus for October, which is Inquirer.

*Are You My Mother* AR level 1.5
*Curious George* Series AR level 2.0-4.0
*The Magic School Bus* Series AR level 3.0-4.0
*How Much is a Million* AR level 3.4
*Juno* AR level 3.9
*Bridge to Terabithia* AR level 4.6
*The Curious Garden* AR level 4.8
*How to Think Like a Scientist* AR level 4.6
*What Did You Find Out? Reporting Conclusions* AR level 5.6
*The Librarian Who Measured the Earth* AR level 5.7

Here is how ____________________________ (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 discover the role of science community helpers (veterinarians, marine biologists, botanists, entomologists, zoologists, etc.)

**First Grade** After reading the book, Newton and Me, students will explore simple cause and effect relationships with forces and motion by investigating a toy dog, Newton, and modes of transportation in this community. Students create paper helicopters and explore the force of gravity based on rotor/blade size.

**Second Grade** In inquiry lab, students will become inventors and explore the power of magnets and use them to make, test, and re-design an invention that will clean out fish tanks without putting their hands in water.

**Third Grade** Students will explore how plants and animals respond to changing seasons. They will explore, re-create habitats and investigate insects and their movement including their role in pollination. Students learned about shark migration and adaptations and tracking specific shark species and their migratory patterns through ocearch.org.

**Fourth Grade** Students will study erosion from natural disasters. They will design a barrier that would limit the amount of sand displaced from an ocean during a storm.

**Fifth Grade** Students will create human body systems and research how these systems work together.

**Engineering:**

**Kindergarten** Students will complete a map of their town that shows their home complete with their address. They will make an architectural engineering blueprint.

**First Grade** An oil spill will take place in the Florida community and students will decide which type of detergent cleans the oil off a bird feather the best. After that they will be writing a letter to our Senator to discuss protecting the brown pelican from oil spills.

**Second Grade** Students will construct a Seminole Chickpee hut; explore the concepts of construction and work with forces to build a structure.

**Third Grade** Students will design, build and test a way to study an animal as it migrates.

**Fourth Grade** Students will study erosion from natural disasters. They will design a barrier that would limit the amount of sand displaced from an ocean during a storm.

**Fifth Grade** Create human body systems and research how these systems work together.

**Math:**

**Kindergarten** Students will understand the relationship between numbers and quantities; connect counting to cardinality.

**First Grade** Students will organize a canned food drive for those in need in the community; cans will be collected and graphed based on type of food.

**Second Grade** Students will work with grid paper, geometry, and measurements to design and construct a Seminole Chickee hut. Students work in teams to solve multiple equations that involve history.

**Third Grade** Students will interpret whole-number quotients of whole numbers. They will also fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction. In problem solving lab, bird migration patterns were researched and analyzed mathematically including: distance, time, amount of birds, and flight patterns.

**Fourth Grade** Students will be given a scenario in which a natural disaster heavily damaged an entire village. Government agencies will come in to help refloor the properties. Area and perimeter will be reviewed and discussed to re-floor these buildings.

**Fifth Grade** Students will participate in a Zombie Apocalypse and Medical Trail where they study and analyze data. Students will create habitats for new human body systems.

**IB Units:**

**Kindergarten** IB Unit How We Organize Ourselves: This IB unit takes a close look into community helpers!

**First Grade** IB Unit How We Organize Ourselves: This IB unit takes a look at how we can take action in our community to make it better.

**Second Grade** IB Unit Where We are in Place and Time: This IB unit takes a look at changes over time in history. Ex: the Thanksgiving journey.

**Third Grade** IB Unit Where We are in Place and Time: This IB unit takes a look at migration of people and animals.

**Fourth Grade** IB unit How We Organize Ourselves: This IB unit takes a look into natural disasters, citizenship and government structures in place to help those in need.

**Fifth Grade** IB unit Who We Are: This IB unit takes a look at cooperation, growth and body systems.

### School Events:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>10/2</td>
<td>Chick-Fil-A Spirit Night</td>
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<tr>
<td>10/4</td>
<td>PBIS Celebration</td>
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<tr>
<td>10/14</td>
<td>No School-Teacher work day</td>
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<tr>
<td>10/15</td>
<td>Running Club 3:30-4:15</td>
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<tr>
<td>10/16</td>
<td>American Fundraiser Arrives</td>
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<tr>
<td>10/23</td>
<td>Early Dismissal</td>
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<td>10/24</td>
<td>Life Touch Picture Retake</td>
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<td></td>
<td>and class pictures</td>
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<td>10/25</td>
<td>Report Cards Go Home</td>
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<td>10/26</td>
<td>First Chess Tournament</td>
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<td>10/28-11/1</td>
<td>Red Ribbon Week</td>
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<tr>
<td>10/29</td>
<td>Running Club 3:30-4:15</td>
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<tr>
<td>10/31</td>
<td>PTO Dress Down Day</td>
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<tr>
<td>10/31</td>
<td>Book Character Parade</td>
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<td>11/05</td>
<td>Running Club 3:30-4:15</td>
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<td>11/06</td>
<td>Early Dismissal</td>
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<td>11/09</td>
<td>Chess Tournament</td>
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<td>11/13</td>
<td>Chick-Fil-A Spirit Night</td>
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<td>11/15</td>
<td>PTO Dress Down Day</td>
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<tr>
<td>11/19</td>
<td>Running Club 3:30-4:15</td>
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<tr>
<td>11/25</td>
<td>Thanksgiving Break Begins</td>
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**Bear Choir on Thursdays from 3:15pm-4:05pm – pick up at car loop**

**Strings on Wednesdays and Fridays at 7:45am with Mrs. Greenberg**

**Bricks 4 Kidz on Tuesdays from 3:15pm-4:15pm**