

GATEWAY

October, 2015

“Gifted And Talented Education With ALL Youth”

**Mrs. Dunn &
Mrs. Marks
Gateway Teachers
Grades 4-5**

Newsletter Highlights:

- **Mission**
- **Intensive Support**
- **Universal Support**
- **DI**

MISSION

To support **ALL** students through talent development.
To identify, challenge and encourage academically advanced and creative thinkers.



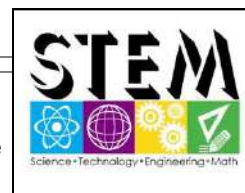
Advanced Math

4th Grade: Students used different operations to create four expressions to equal the day of the month they were born. Students were introduced to \$1.00 words through The \$1.00 Word Riddle Book by Marilyn Burns. They were given a code sheet to determine the value of each letter in the alphabet. If they solved the riddles correctly, they would know because the solution is always worth \$1.00. I challenged students to find more \$1.00 words by solving riddles in the packet I gave them, or by finding the sum of any other words they think might be worth a \$1.00. Students are encouraged to share their findings with me. Next on the agenda; Factors, Multiples, and Leftovers: Multiplication and Division.

5th Grade: Students reviewed and practiced simplifying expressions using order of operations. Students worked to create equation using 4 digits and multiple operations to find a predetermined solution. Next on the agenda is Treasures from the Attic: Exploring Fractions.

PBL/STEM

For the first class, students in both grades were introduced to the engineering design process to complete a challenge.



4th Grade: Students will be designing an animal enclosure for a zoo. Students will research animals at the zoo, create a survey to give classmates to vote on a new animal. Once the animal is determined, they will research its habit and diet. Then, they will design an enclosure.

5th Grade: Students will be planning a field trip to space. Students will be given a variety of field trip choices. They will choose two to compare admission, food, and transportation costs. They will need to decide what to pack and choose the best suitcase to bring based on it volume. They will have the opportunity to design the spaceship, create a scrapbook, or write a persuasive letter to the principal to fund the field trip.

Barnstable Gateway Program

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The Gateway office is located in Barnstable Intermediate School—Room 208A

Let's work together to support your student!

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Advanced ELA



4th Grade Reading: Students have been introduced to the concept of theme in literature as they explore the book *Journey* by Aaron Becker. The 2014 Caldecott Honor Book follows the adventures of a young girl who escapes the boredom of home to find a magical realm – in which she can control her destiny with her imagination. We will then be reading our first novel *Sees Behind Trees* by Michael Doris. Visually impaired Walnut cannot earn his adult name the same way other boys do, by hitting a target with a bow and arrow. With his highly developed other senses, he discovers more about himself and earns a new name.

5th Grade ELA: Students are warming up their descriptive writing talents by sharing little known traits about themselves through a piece of writing, 'The Ten Most Wanted List'. Then the first novel we will read is *Paperboy* by Vince Vawter. A 12 year boy named Victor stutters and is extremely self-conscious about his speech difficulties. In our discussions students will analyze and evaluate to discover how Victor learns "that life is about much more than stuttering."

4th Grade Advanced Writing "PILOT"

4th Grade: This is a new Gateway class being piloted for fourth graders. It is geared for students passionate about writing. Students will have the opportunity to explore writing in a variety of genres. Our first piece stretches students' imagination. They are pondering the question, *which part of speech are you?* Descriptive language that draws upon the use of comparison will contribute to a fun and creative composition.



Destination Imagination



Looking for educational, extra-curricular ideas, or additional ways to challenge students at home?

Well, look no further! Gateway and the BPS have Destination Imagination teams! Di is a team and project-based program that encourages students to solve creative challenges, communicate effectively and HAVE FUN!

Contact the DI coordinator, Lynore Frew for more information:

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