

# AUSTIN ROAD MIDDLE SCHOOL

100 AUSTIN RD. STOCKBRIDGE, GA 30281

Dwayne Richards Asst. Principal Gabriel Wiley Principal Andrea Perdue Asst. Principal

## Instructional Newsletter: Academy M - South Week of September 30, 2019

### Algebra I - Mrs. Bennett

#### Learning target(s):

- I can identify the domain and range and determine if a relation is a function
- I can identify mathematical relationships and express those using function notation
- I can interpret statements that use functions in terms of real-world situations

#### Assessment(s):

- Unit 2 Pretest on Monday, September 30, 2019
- Function Learning Task on Friday, October 4, 2019

#### Literacy Assignment:

Unit 1 Data Analysis/Reflection due Friday, October 4th.

#### Resources:

- HMH Into Math - Digital Textbook
- Google Classroom
- KhanAcademy.org

#### Vocabulary:

Function, relation, input, output, average rate of change, independent variable, dependent variable, function rule, vertical line test, domain, range, and slope.

#### What can I do at home?

Review vocabulary and notes with your scholar. Ensure your scholar completes any extra practice problems assigned in Google Classroom, and/or HMH. Ask your scholar to explain how they arrived at their solutions for all questions.

**\*High School Algebra I tutoring is held on Monday mornings at 8 am. Please notify the teacher by Friday of the previous week if you plan to attend tutoring.**

### 8th Grade Math - Mrs. Bennett

#### Learning target(s):

- I can use properties of integer exponents, including zero and negative exponents to evaluate and simplify numerical expressions containing exponents.
- I can be able to derive and explain the properties of exponents.

#### Assessment(s):

- Unit 2 Pretest on Monday, September 30, 2019
- Quiz on Properties of Exponents on Friday, October 4, 2019 (*Scholars should review notes dated October 1st - 3rd*)

#### Literacy Assignment:

Unit 1 Data Analysis/Reflection due Friday, October 4th.

#### Resources:

- HMH Into Math - Digital Textbook
- Google Classroom
- KhanAcademy.org
- USATestprep

#### Vocabulary:

Cube root, exponent, evaluate an algebraic expression, exponential notation, irrational, perfect squares, radical, square root, and variable

#### What can I do at home?

Review vocabulary and notes with your scholar. Ensure your scholar completes any extra practice problems assigned in Google Classroom, HMH, and/or USATestprep. Ask your scholar to explain how they arrived at their solutions for all questions.

**\*8th Grade Math tutoring is held on Tuesday mornings at 8 am.**

**ELA - Ms. Williams**

**Language Arts Tutorial has been cancelled for this Tuesday, October 1.**

**Learning target(s):**

- I can analyze how a central idea develops throughout a text, including its relationship to supporting ideas.
- I can analyze how a text makes connections among and distinctions between individuals, ideas or events in an informational text for example through analogies, comparisons or categories.
- I can write informative/explanatory texts that examine a topic or convey ideas and concepts using relevant information that is carefully selected, organized and analyzed.

**Assessment(s): No graded assessments for this week.**

**Literacy Assignment:** Scholars will be reading a non-fiction article, ‘Bionic Superhumans’ from their on-line text book. They will also be reading an article ‘Technology Then and Now.’”

**Resources:**

- Google Classroom
- edpuzzle.com
- HMH online textbook

**Vocabulary:**

- text structures compare/contrast; cause/ effect; problem/solution; sequencing; chronological order; special; description)
- writing process
- analogies
- author’s purpose/ point of view

**What can I do at home?** Students will begin writing essays this week. Ask your scholar about his/her topic for the essay. Share with scholars any knowledge you may have; they can quote you as evidence in their essays. Help your scholar to select a book that aligns with his/her lexile level for independent reading. Have scholars reading for at least 10 minutes nightly.

**Scholars will begin a new novel Nothing But the Truth by Avi beginning the week of October 14. Please ensure that scholars can assess a paper or electronic copy.**

**Social Studies: Mr. Walker**

**Learning Target(s):** I can demonstrate an understanding of the issues faced with the colonists during the trustee period.

I can demonstrate an understanding of the issues faced by the Royal Governors during the Royal Colony Period.

**Assessment(s):** Some scholars will make up testing and presentations (if absent). Scholars will retake Unit 2 assessment after a re-teaching of certain standards.

Unit 2 re-assessment

**Honors classes:** Selecting National History Day topics and partner(s).

**Literacy Assignment:** Scholars will continue learning and practicing close reading strategies.

**Resources:**

Unit 3 Chapter 6 and 7

<http://www.gpb.org/ga-digital-textbook/#/en/issue/1A10CC71F10A78FFAB765723D3DB60A7>

**What can I do at home:**

Ensure your scholar is utilizing the resources on the link to the digital textbook.

Ask your scholar to show you his/her social studies notebook and the rubric. Check to see if your scholar has organized his/her notebook based on the rubric.

The rubric for the notebook is located on your scholar’s google classroom page.

**Vocabulary:**

Vocabulary: Exploration, Settlement, barrier islands, Philanthropy, Charter of 1732, Colony, laws, prohibit, and Culture

Cross Curriculum: Characteristics, impact, contact, interests, importance, rules, prohibit, fairness, and evaluate

**\*Social Studies tutoring will be offered during Lunch and learn (lunch period).**

**High School Science: Ms. Doss****Learning Targets:**

- I can construct explanation for energy transformation within a system.
- I can carry out investigations to describe how molecular motion relates to thermal energy change.

**Assessments:**

Quizzes on Potential and Kinetic energy on Google classroom. Quiz is on Friday the 4th of October.

**Literacy Assignment:**

Scholars will read Lesson 35 on “ Potential Energy” and answer the comprehension questions

**What can I do at home?**

Review the PowerPoint Notes on energy, and practice problems on Potential and Kinetic energy, assignments in USA Test prep.

Choice board rubric on “Energy Transfer” was given before Fall Break and is due on 4th October.

Science Fair form needs to be signed and returned.

Review Vocabulary Words.

**Vocabulary:**

Conduction, Convection, Radiation, Kinetic energy, Potential energy, Thermal energy, heat, Temperature.

**Tutoring will continue to be offered on Wednesday evenings at 4:30 to 5:30 pm.**

**8th Grade Science: Ms. Doss****Learning Targets:**

- I can identify pure substances and mixtures.
- I can distinguish between pure substances and mixtures.
- I can classify mixtures as heterogeneous and homogeneous and give examples.
- I can develop and use a model to compare and contrast pure substances and mixtures.

**Assessments:**

Quizzes on “Atoms, Pure substances and Mixtures” on Google classroom. Quiz is on Friday the 4th of October.

**Literacy Assignment:**

Scholars will read a Composition passage on Pure substance and define vocabulary terms, & answer guided questions.

**What can I do at home?**

Review Vocabulary and Powerpoint Notes on Atoms and Pure substance Atoms assignment on USA Test Prep.

Science Fair form needs to be signed and returned.

**Vocabulary:**

Molecules, elements, compounds, homogeneous, and heterogeneous.

**Tutoring will continue to be offered on Wednesday evenings at 4:30 to 5:30 pm.**

**Counselors Corner: Ms. Kimberly Scott**

Please ask your scholar about the Georgia Career Information System (GCIS) that can be accessed through Infinite Campus. We will be working in GCIS to review the career pathways and to help better prepare them for college and/or a career.