

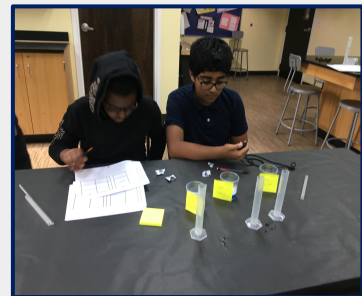
# EIGHTH Grade DIGEST



**September 2019**

## SCIENCE – Sr. Rania

From studying about matter and Periodic table, the 8<sup>th</sup> graders moved towards particle motion in different states of matter and finally to energy and its transformations. They analyzed motion of gas particles when thermal energy is applied through activities based on online simulations and arrived at gas laws (Boyle and Charles law). They analyzed motion of liquid particles during the reaction with dye tablets in different temperatures. They then calculated the speed of water molecules through the data collected during the experiment and compared it to the speed of a car. Currently, they are studying energy transformations in different systems. They developed an argument for a safe design of a roller coaster applying concepts of kinetic and potential energy. They would be exploring springs, pendulums and modelling “spool-wheeled cars” using all the related concepts.



## SOCIAL STUDIES – Sr. Shaima

Students learned about the importance of water in Georgia’s historical development and its economic growth they analyzed Brunswick, and Savannah Ports. They located and labeled the different regions and water bodies of Georgia. Students learned characteristics of American Indians living in Georgia, including culture, food, weapons/tools, and shelter, and their encounter with the Europeans. They studied the early European explorers and learned the reasons that brought them to the Americas.

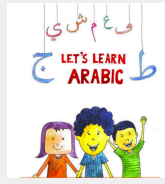
## MATH – Sr. Anam

We have already finished the first chapter on Tools of Algebra as a review from last year and we are well into finishing our Chapter 2 on Integers. Students have been assigned a small project on transformations where the students will make art connections in math.

## ELA/Reading – Sr. Fatima

Last month, we covered nonfiction texts relating to our essential question, “Can all conflicts be resolved?” This month our essential question is, “Is it our differences or similarities that matter most?” We will be looking for ways authors use dialogue to reveal the characters’ thoughts and feelings, deepening our understanding and inspiring our sympathy. We will be reading plays/dramas that will connect characters and audiences to each other.

# ARABIC – Sr. Jihan



**AlSalam Alaikum Dear Parents,**

**All praise to Allah (swt) who enabled us to complete the month of September successfully. Alhamdulillah, we finished unit one (environment preservation) and we covered the basic grammar about feminine and masculine, pronouns, possessives, present tense with first, second and third person, days of the week, and how to read numbers. Students did a recycling project and made presentations about their projects. We had a closure test for the unit and Alhamdulillah all students did well.**

**InSha Allah they'll learn how to read and write a short paragraph in Arabic by the end the Semester.**

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**Sr. Heba**

**Assalamalaikum parents. This month students worked on portraying their roots and their parents origin through a series of sketches. This was important because it helped them understand the opportunities they have here. This project is being based on two separate platforms, canvas and poster board. Additionally, students worked on sketches for the Art Water competition. Students also worked on generating ideas for the STEAM competition. Seventh and eighth graders have started collecting recyclable materials for their performance task of creating a prototype of the school garden beds. Please feel free to send in any recyclable material that you think they can use for this task.**

## QUR'AN – Sr. Asma

**Assalamu Aliykom**

**Alhamdulillah, we're going to complete Suratu-Tahreem. We covered recitation, memorization, general meanings, important keywords and some tajweed rules (heavy and light letters, signs for the Qur'an). Students did some activities, worksheets, and projects for this Surah as well.**

# ISLAMIC STUDIES – Sr. Misbah & Br. Ahmad



Alhamdulillah! we have had two amazing months of interesting and interactive Islamic Studies lessons! First, we spent time understanding why it is important to learn Islamic Studies and how we can apply it in our daily lives. As the slogan for the entire year is “DON’T JUST KNOW IT BUT SHOW IT”.

After completing the Basics of Islam, we began The Life of the Prophet ﷺ A Timeline. This was a summary of the life of the Prophet ﷺ. Students identified the different trials and tribulations the Prophet ﷺ went through and how he dealt with them. We then began analyzing and studying the Hadith of Jibril (A.S) and the three dimensions that relate to every part of our life. We then began learning about Qadar and the power of Allah through the story of Musa (A.S) & Khidr. Along with that we also completed our first target from Essential Duaas and Surah Book, wherein the students memorized Surah Falaq and Naas with meaning. Alhamdulillah!

We have been having lots of fun in our interactive Islamic Studies classes using a variety of methods such as, written activities, group activities and power point presentations to enhance our Islamic Studies class experience and to learn lifelong lessons!