

# EIGHTH Grade DIGEST



## February 2020

### SCIENCE – Sr. Dania

It was wonderful meeting all the students, alhamdulillah! Inshallah, we will finish this semester strong. For the past couple of weeks, we have been examining the big ideas of balance and Stability. They are developing thoughts about how waves are used to transfer energy and information. To develop an understanding, we answered the questions: 1. What are the characteristics properties and behaviors of waves? 2. What is light? 3. How can one explain the varied effects that involve light? 4. What other forms of electromagnetic radiation are there? Next, we will be talking about how instruments can be used to transmit and detect waves used to extend human senses? Going over these concepts will open our upcoming discussion about Design a device to illustrate practical applications of the electromagnetic spectrum (e.g., communication, medical, military).

In addition, the students have been working hard to make a scalable irrigation system for the Garden bed the school will be building. They designed a prototype using plastic water bottles and now will move onto the implementation phase! They will conduct their own research and come up with a proposal that involves a budget for their sustainable project.

### SOCIAL STUDIES – Sr. Shaima

In February students focused on the actions of individuals, groups, and institutions of the North and South and how they affected society in the United States.

They analyzed the social, economic, and political changes that occurred in Georgia between the end of the American Civil War and the end of WWI. The students realized that when there is a conflict between or within societies, change is the result.

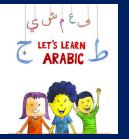
### MATH – Sr. Anam

We have now started our unit on nonlinear functions and working with equations that involve exponents. Students are learning how to combine and simplify monomials with different powers or written in scientific notation. After this chapter, we will begin our Geometry unit.

### ELA/Reading – Sr. Fatima

Last month, students researched African Muslim slaves during the time period of the American Revolution. Then, students wrote a narrative on that person. This month, students are reading about Leo Frank his historic case. In addition, students will be writing an informational paper on Leo Frank.

# ARABIC – Sr. Jihan



بسم الله الرحمن الرحيم

AlSalam Alaikum Dear Parents,

Alhamdulillah stuents have finished unit 3 (in the hotel). In this unit students learned new vocabulary and expressions. Students learned how hotels are classified in categories (Star 1 to 5). They are now able to distinguish between nouns, verbs, and adjectives.

Students are also learned that every vocabulary has a root word and also worked on the three tenses (past, present, & future). They also learned the important parts of the sentence (verb, noun, preposition, and complement) and continue to practice reading out loud in class to discuss the main ideas and grammar rules.

They enjoy Arabic through the learning games on Kahoot and they practice reading, listening, and writing on Duolingo.

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**Sr. Heba**

Assalam Alaikum parents. I would like to happily announce and recognize the fact that my seventh and eighth-grade students were given the opportunity to visit the Senate and House of Representatives of Georgia, during this trip they gained recognition and an award certificate for winning the steam grand challenge. Our students are working on an art project; this project contains the use of Seed paper. It is a type of handmade paper that includes a number of different plant seeds. The seeds themselves can still germinate after the papermaking process and they can sprout when the paper is planted in soil. This technique of using seed paper helps students truly get to participate in environmental sustainability.

## QUR'AN – Sr. Asma

Assalamu Aliykom

The 8<sup>th</sup> grade students are currently working on Suratul-Taghabun They work on meanings, keywords, reading, and memorization. We will also continue practicing tajweed rules (Noon Sakinah and Tajweed) by using reinforcement activities, worksheets and projects to help them retain the tajweed rules.

# **ISLAMIC STUDIES – Sr. Misbah & Br. Ahmad**



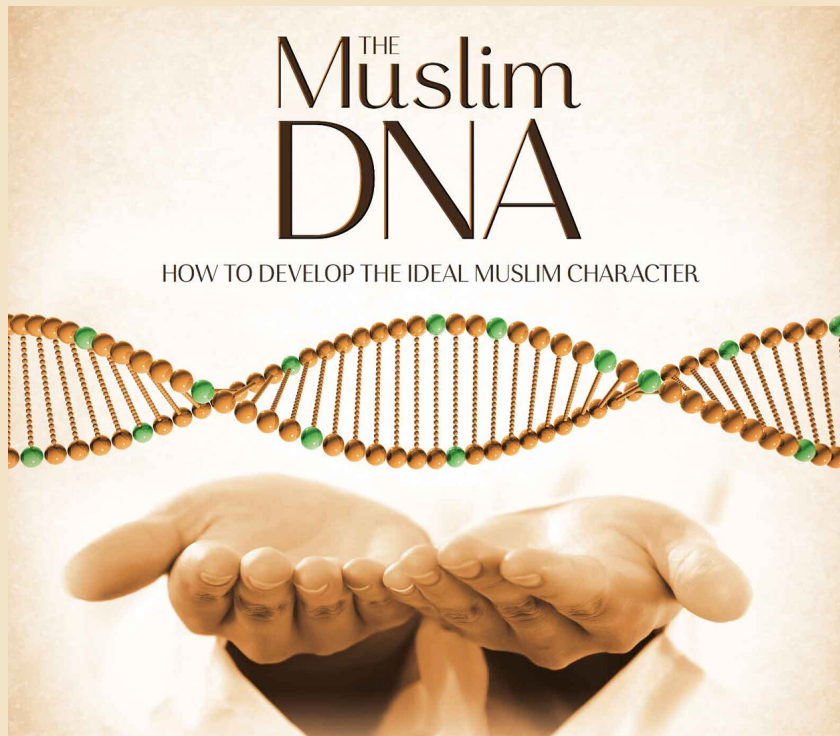
**Alhamdulillah! we had another month of interesting and interactive Islamic Studies lessons. First, we spent time understanding the theme of this month “Justice” and how we can apply it in our daily lives. As the slogan for the entire year is “DON’T JUST KNOW IT BUT SHOW IT”.**

**We then began going over the stories of different Prophets and the miracles Allah (S.W.T.) granted to each of them. We went over the life of Prophets Zakariyyah, Yahya, Aal Imran, and Isa (‘Alayhimussalaam) Alhamdulillah. After completing these stories, we began discussing practical and important lessons every child needs to know as they grow into their adulthood.**

**We have been having lots of fun in our interactive Islamic Studies classes using a variety of methods. Alhamdulillah.**



## Character Trait of the Month Justice



**Morning Assembly**

### Objectives of Muslim Character Development for Students at ILM Academy

- Starting the day with the name of Allah
- Character building through Islamic traits. (Justice and student's reflections through different stories from the Quran and Hadith.
- Learning Salah the Sunnah way.
- Middle School Boy's Halaqah: discussing important characters and qualities to be successful leaders in the future,



**Middle School boys Halaqah with Br. Ahmad**