

EIGHTH Grade DIGEST



August 2019

SCIENCE – Sr. Rania

8th grade would be primarily focusing on physical science. The students would be progressing towards learning in a way that they are ultimately able to build an irrigation system for the garden bed at ILM Academy, integrating and applying all the concepts they learn along the way. They started learning about matter, specifically about the atom and its structure. Then they moved towards molecules and then elements and compounds. Additionally, they can distinguish between mixtures and pure substances (elements and compounds) and about their formation. Currently, they are exploring how to analyze the structure and trends of periodic table along with building concepts about ions and ionic bonds based on their understanding of atomic number, atomic weight, and valence electrons. All learning takes place through watching videos and then independently solving challenging worksheets. There would be relevant labs also especially related to conservation of matter by measuring masses before and after chemical reactions.

SOCIAL STUDIES – Sr. Shaima

Our class started the academic year by learning the themes of geography and the different types of landforms and bodies of water.

Students distinguished the five geographic regions of Georgia in terms of location, climate, agriculture, and economic contributions. They also analyzed the importance of water in Georgia's historical development and economic growth.

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.

ARABIC – Sr. Jihan

Assalam Alaikum Dear Parents,

All praise to Allah (swt) who enabled us to complete the first month of school successfully. Alhamdulillah, students will learn about the main types of environmental pollution. Also, they will learn the main causes of pollution. Students will be able to discuss the importance of protecting our environment. The students will learn to construct simple sentences in Arabic supported by pictures, games, videos, and many other useful resources.

In August we covered few grammar topics that were key to sentence structures such as plural and singular pronouns, present tense. We'll continue learning about the present tense and the correct way using it.

Also, we continue to work on putting together simple and short sentences using words from the unit. In September, they'll do a project about recycling and Insha Allah they'll learn how to read and write a short paragraph in Arabic by the end of the first unit.

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This month, our students learned about the principles of design and the elements of art. The seventh and eighth-grade students started sketching a blueprint for the garden.

Sr. Heba

QUR'AN – Sr. Asma

Assalamu Aliykom

A new level in middle school with more focus and challenges in tajweed, Tilawah, and memorization. Currently we are on Suratu-Tahreem

ISLAMIC STUDIES – Sr. Misbah & Br. Ahmad



Alhamdulillah! we have had three amazing weeks 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”.

We then started a slow review of the Basics of Islam such as the five pillars of Islam, the articles of faith, steps for Wudu, tayammum, salah, and its importance. We analyzed each topic with students through discussions. We then started with the Life of Prophet ﷺ. We introduced the lesson giving different landmarks related to the seerah and students were asked to think about it and write the event related to each place. After which we started the lesson giving another activity wherein the students compared and contrasted their life with the life of prophet ﷺ using certain topics like lifestyle, communication, technology, and transportation. We were really amazed to see students come up with a power point presentation in just 15 mins and they were able to present to the class. 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 presentations to enhance our Islamic Studies class experience and to learn lifelong lessons!