



# HAMZAH SCIENCE ACADEMY



## Inside This Edition

**Page one**

**Academics**

**Page Two**

**Quran**

**Arabic**

**Classroom Highlights**

## Mrs. Tariq's Monthly

March 1, 2019

Asslam-Alykum Dear Parents,

There is so much happening in my classroom, I don't know where to begin this newsletter. In science we have completed our weather and solar system units. As you can see we have been extremely busy in our classroom especially, in science. We started the unit with a discussion of how scientists study planets which lead to looking at pictures of planets taken by the Hubble telescope. After looking at the amazing pictures of planets and galaxies we had an in-depth discussion of how telescopes work and the challenges scientists face designing the telescopes. This discussion brought us to the challenges that the scientist had of designing a telescope bigger than Hubble and how to be able to fit in the rocket to launch it in space. We then looked at the James Webb telescope which the scientist designed that is in the shape of a large hexagon made of smaller hexagon but can turn like a circle and can fit in the space launcher. Afterwards we designed and made our own Galileo style telescope which we will be testing this Thursday inshallah. The students then selected their favorite planets and wrote a research paper and performed a demonstration of the solar system.

In social studies we are studying about the past and American heroes. Students have been reading stories and writing timelines on American heroes such as Lewis, Clark, Scagawea, Tomochichi, Sequoyah and James Olgethorpe.

In math first grade is learning about collecting and organizing data. They have been taking surveys and organizing data in tally charts, picture graphs and bar graphs. Second grade is working on adding money with coins to make a dollar. They have learning about the value of each coin and how to skip count using quarters, dimes, nickels, and pennies.

In art my class painted each planet and decorated their telescopes. They learned the techniques of mixing colors to make a new color.

In Islamic studies second grade has finished the lesson about when the Prophet pbu achieved prophet hood, his last Khutba and when he died. First grade has learned all about prophet's pbu favorite foods, colors, hobbies and habits.

In computer lab students have learned about using the mouse properly and the functions of the key board. Inshallah we will start learning about coding soon.

In STEM we are busy preparing for STEAM Expo, inshallah you will be pleasantly surprised.

## Important Dates

**March 9th: HAS  
Open House**

## SPELLING BEE WINNERS

I am happy to announce the winner of the first grade spelling bee is Farzan Bin Firoz and the winner of the second grade is Naya Akil. Alhumdullilah all the students did wonderful going up there. I know it was not easy and I was just sitting there. Unfortunately I was unable to take pictures at the event but you can find them on HSA Facebook social media page.

Taleem  
تعليم

Tarbiyah  
تربية

Tazkiyah  
تزكية

