

أكاديمية قطر  
للعلوم والتكنولوجيا  
QATAR ACADEMY FOR  
SCIENCE & TECHNOLOGY  
عضو في مؤسسة قطر  
Member of Qatar Foundation

# أكاديمية قطر للعلوم والتكنولوجيا

## QATAR ACADEMY FOR SCIENCE & TECHNOLOGY

31st October 2019

# NEWSQAST

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Whether our students are celebrated for their work with drones, raising money for Breast Cancer Awareness or visiting Texas A & M, we here at QAST are moving apace and new learning opportunities abound. As we move into November we have a number of important events including:

### Events to note

Student events such as [Doha Learning Days](#) and parent events, including the upcoming [Parent Teacher Conference](#) and our new Parent Organization – as we grow, parent involvement will also grow in importance. More details are further on in this newsletter.

### QAST Advisory Board

We now have our new QAST Advisory Board, appointed by HH Sheikha Moza bint Nasser and HE Sheikha Hind bint Hamad Al Thani. We will announce the members of the Advisory Board next week. Pleasingly, QAST was the only Board approved in this cycle. According to the policy on Boards of Advisors to schools in the QF: "The Board of Advisors (BOA) acts as an advisory board and communicates with the Executive Directors and President of the PUE. Its primary function is to help build relationships between its school and the local community and to support, criticize and advise or endorse issues placed before them."

### Scholarships

The PUE now has a financial aide program. This program is based on financial need and student scholarship. Applications are sent to an unknown third party and using the assessment rubrics provided by the PUE, scholarships are awarded. The program is for Qatari and non-Qatari students and very closely resembles the same kind of scholarship system colleges use.

### New to QAST

Please join me in welcoming Katherine Lewis, our very own Public Relations and Admissions Officer. Mrs. Lewis joins us with a wealth of commercial marketing and public relations experience. To date Kath has helped us consolidate all of our branding, 'collaterals' and has coordinated many of the public messages you now see about QAST. She has been especially effective at planning our next major student recruitment events and in pulling together our social media. Be sure to follow us on [Instagram](#) and [Facebook](#) @QAST\_QF!

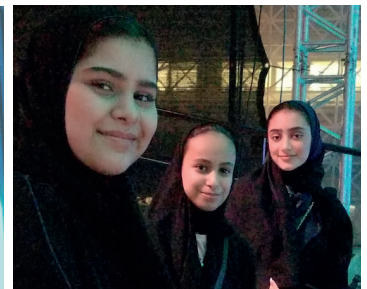
### Move to the Expansion School:

While not official, our move is sooner and not later. I will be providing more clarity on this in next week's newsletter.

**Dr Greg Moncada, Director QAST**



QAST girls representing future innovators at the Catalyzing the Future event



QAST girls  
'Catalyzing the Future'

At the prestigious Catalyzing the Future event at the QNCC last week, girls from QAST were invited to represent the future innovators who will drive technological advancements in our rapidly growing world. We were very excited and proud to see the girls on stage at this show-stopping event, which celebrated 10 years of Qatar Science and Technology Park.

Thank you to the following students and their parents for their support:

- Grade 8 - Noor
- Grade 9 - Shahd
- Grade 10 - Fajer

## Breast Cancer Awareness Bake Sale

Fajer, Salwa, Anfal and Maryam wanted to do something for Breast Cancer Awareness month so they decided to hold a bake sale! The money they raised will be donated to breast cancer research as they believe that it is a very important medical concern and any type of contribution, no matter how big or small, will make a big difference to finding a cure.

The bake sale was a success. Thank you to all of the staff and students at QAST for participating in this fundraiser with such enthusiasm!

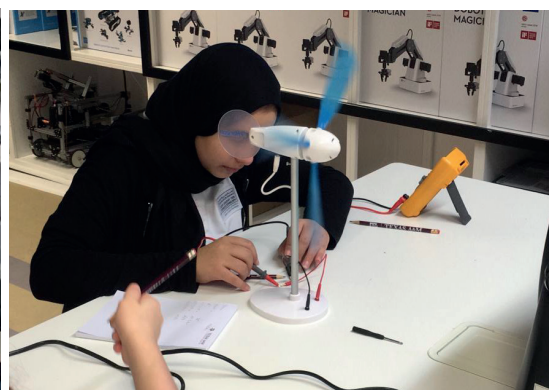
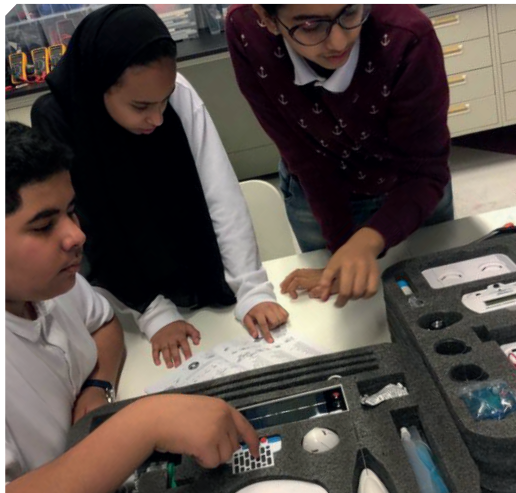


## Creating Shadow Puppets Using Hot Wire Cutting Equipment

As part of their Islamic studies programme, in collaboration with the Engineering department, Grade 8 students will be presenting a shadow puppet show inspired by the book of short stories by renowned author Tawfiq Al Hakim. Student Ahmed is shown using the hot wire cutter to cut out and shape expanded polystyrene to make the main parts of his shadow puppets. All Grade 8 students have the opportunity to use this equipment and many have already done so for this project.

## Grade 8 Learn How to Generate Renewable Electricity

Grade 8 students visited the STEM HUB at Texas A&M University Qatar this week for two days of hands-on experience with horizon energy boxes. The task was to generate renewable energy using various tools. They built a variety of models of wind generators and explored blade shape, size and pitch to establish the most efficient propeller for generating a constant electricity supply. A great, fun way to explore this important topic.





**Prototype Testing in CRISP**  
(Challenge, Research, Investigate, Synthesize, Prototype)

This week Grade 9 students tested their bows and arrows that they built during CRISP time. This was the culmination of many weeks of work where students designed, built, and reiterated three different technologies that they learned about in Social Studies class: the spear, atlatl, and bow. Through this project students learned about the concept of innovation while familiarizing themselves with the design process.

# Student Spotlight



## Ahmed (Grade 8)

**What do you like about QAST? Why?**

It's different from other schools.

**What is different about QAST, from other schools?**

We have hands on experience with industrial grade machinery.

**What are your interests outside of school?**

Cars, technology, watches, animé and brands.

**What are your ambitions for the future?**

Becoming a mechanical engineer.

**What piece of advice would you give to other students your age?**

Don't worry, be happy.

**Who inspires you?**

My grandfather.

**Is there a period in time you would like to travel to?**

2050 to see what advancements technology has made.

**Do you have a favourite lesson? Why?**

Engineering because I like to work with my hands.

**What one thing would you like to change about the world?**

Remove taxes.

**How would you describe QAST in 3 words?**

Innovative, futuristic and fun.

# Principal's Message

Dear Parents,

We are excited to see you on the 5th of November for our Parent Conference. Please note we have made a slight change from previously scheduled – we will now be holding two sessions on 5th November, please [see details](#) on the next page. This is to allow more time slots for you to meet the teachers and discuss your child's learning. All of you should have received your child's Quarter 1 report by now – this is not a final report but only a progress report that helps you see their current achievement. At QAST we have a grading system that allows for growth and revision. A kind reminder that if you see a score that is lower than you expect to encourage your child to revise their work to raise their grade. We do not do extra credit, but we do allow re-learning of the material and then re-assessment. I can discuss this further with you on Nov 5th if you have any questions.

*Sam Abrams, QAST Principal*

## Doha Learning Days and WISE (reminder)

The Doha Learning Days (DLD) is Qatar's first experiential learning festival, established by the World Innovation Summit for Education (WISE). The festival takes place in the Ceremonial Court of Education City on November 14 - 19. DLD aims to engage and excite everyone in the local community about learning. There will be a range of activities, from coding lessons to wellness masterclasses and art workshops. The festival will feature over 47 local organizations and innovators, including Torba Market, Kaffeinated, Qatar Reads, and Vishnu Yoga. Doha will become the hub of learning in the lead up to the ninth global WISE Summit taking place the week after on November 19 - 21.

**"AT QAST WE LEAD"** Your students and faculty are playing a leading role in the delivery of engaging learning sessions at this event. We would love to see you there if you can make it, please add the dates to your diary. The full schedule is detailed below.

For further information about Doha Learning Days, visit:  
[www.wise-qatar.org/wise-2019/doha-learning-days/](http://www.wise-qatar.org/wise-2019/doha-learning-days/)

## Sessions led by QAST

Lead	Activity	Date	Times	Location
Elisabeth Abidaoud	College and career readiness.	Sat 16 November	14:00 - 15:30	Torba Market
Students from QAST	Women, the backbone of society.	Sun 17 November	09:30 - 10:00	Main Stage
	The evolution of women in science and society.	Sun 17 November	09:30 - 10:00	Main Stage
Ozma Bashir	How do we reduce the impact of superbugs.	Mon 18 November	09:30 - 10:30 11:00 - 12:00 12:30 - 13:30	Ceremonial Court Corridor 2
Peter Barnett	Building shelters for survivors of natural disasters.	Tues 19 November	09:30 - 10:30 11:00 - 12:00 12:30 - 13:30	Ceremonial Court Corridor 2
Vaughan Lewis	Water doesn't cost the Earth.	Tues 19 November	12:30 - 13:30	Learning Lab
Vaughan Lewis	Achievement through project based learning.	Tues 19 November	14:00 - 15:00	tbc
Ellen Mussleman	Throw away the text book.	Tues 19 November	15:30 - 16:30	tbc
Sam Abrams	Mastery grading.	Tues 19 November	15:30 - 16:30	tbc

# Parent Teacher Conference

For this event, each parent will get the opportunity to sign up and meet with a teacher for 10 minutes. Please use the sign-up link below. The schedule has been split into two sessions with a break in the middle where Dr Greg will be discussing the new Parent Organization, to which you are all invited:

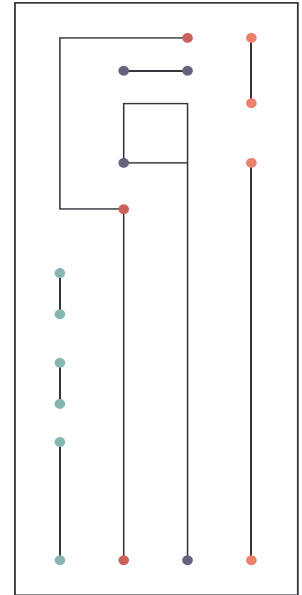
Afternoon Session	PTO Session	Evening Session
1:30-3:30	4.30-5.30	5:30-7:00

You are not required to come for the entire time. You can just sign-up for the teachers you want to speak to, grab some food, and leave when you are finished. We will not be having an all-parent meeting where I will speak to all of you. We anticipate this method of Parent night to more fully give you the information you are seeking as parents. Your feedback after this event is welcome.

## Parent Teacher Conference Booking Form

We have introduced a booking system to help organise the one-to-one appointments with your child's teachers. The form shows the teachers and booking times available and enables you to register your preferences. Once registered, your appointments will be emailed to you.

To access the QAST PTC booking form please visit: <https://ptcfast.com/schools/QAST>



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## Dates for Your Diary

Date	Time	Activity
Oct 20-24	All day	School Holiday
Nov 3-7	3:00 - 6:00	Texas A&M Engineering Explorers program Application details: <a href="https://stem.qa/stem-programs/engineering-explorers/">https://stem.qa/stem-programs/engineering-explorers/</a>
Nov 5	1:30 - 7:00	Parent Teacher Conference (PTC) and Parent Teacher Organisation (PTO) meeting
	<i>Please see the details above for this event. Refreshments will be available throughout the afternoon.</i>	
Nov 7	12pm - 3pm	School photography (please ask your children to wear clothing featuring their QAST school logo on this day. Thank you)
Nov 16-19	All day	WISE Doha Learning Days - save the dates! <a href="#">Details on the previous page</a>

## Clubs


Please note the QAST after school clubs:

Sunday: Football, Debate  
Monday: Eco-Schools  
Wednesday: Chess, Robotics

## QAST Online

 [www.instagram.com/qast\\_qf/](https://www.instagram.com/qast_qf/)

 [www.facebook.com/QASTQF/](https://www.facebook.com/QASTQF/)

 [www.QAST.qa](http://www.QAST.qa)

## Contact Details

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