

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

• • • • 19th September 2019

NEWSQAST

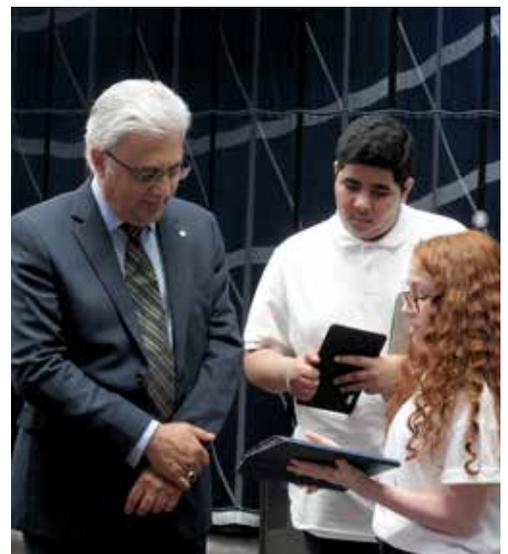
Last week at OAST saw many successes. The students began their Academic Progress testing that will continue until Oct. 2 in maths and English. This will give the school data on the outcomes and progress of students learning in those subjects. Students also self-selected to be tested in their cognitive approaches to learning. From this data, we will inform parents of the outcome on how your child processes the information they receive and problem solve. This week will consist of lots more hands-on learning for all grade levels and the Eco-Schools Congress on Wednesday. We appreciate your support and we are open to feedback at any time.

Sam Abrams, Principal of OAST



OAST students join UN efforts to tackle global sustainability

Mr Ovais Sarmad, Deputy Executive Secretary of the United Nations Framework Convention on Climate Change, challenged OAST's grade 8 students to propose solutions to key climate change related issues as part of Qatar Foundation's latest Education City Speaker Series. Students researched and reported back on their solutions for reducing the salinity of the Gulf, reducing the impact of waste in Qatar and supporting the understanding of Qatar's fauna and flora. Mr Ovais was so impressed with their presentations he requested them to be sent to him to share alongside others at the UN.





How can we reduce the impact of superbugs in Qatar?

Our Grade 10 students have been working with experts from HBKU and Qatar University to help them formulate their own ideas of preventing, reducing or curing the growing threat of antibiotic resistance. Dr Ali Sultan, Adjunct Assoc. Professor at the College of Health and Life Science, HBKU started the project with an introduction to the growing threat of antibiotic resistant bacteria and the steps being taken to help mitigate this threat.

Students then began their own research supplemented with a visit to the laboratory of Susu Zughair, Assistant Professor of Microbiology at Qatar University where they learnt laboratory techniques and found out about research into new antibiotics. Our students will report back next month on their solutions to this grand challenge.



Innovation from day 1

Grade 9 students began their year at QAST by looking at early innovations that helped build civilisations. Inspired by their social studies class looking at early humans, students used modern materials and design techniques in engineering classes to design and build spears and atlatls.

They learnt how engineers use a design cycle to produce improvements through iterations and used 3D modelling and printing for the first time. Testing their creations helped them understand the effectiveness of their designs and led to improvements and new ideas. They finish the project next week with the design of bows and arrows.



