

The Telegraph

It's Your Community.

This is a printer friendly version of an article from www.nashuatelegraph.com
To print this article if a print dialogue does not open automatically, open the File menu and choose Print.

[Back](#)

Published: Thursday, February 19, 2015

ASD in Nashua explores STEM fields at SPARK Conference

NASHUA – The Academy for Science and Design, the state's largest STEM specialty school, hosted its third SPARK Conference Day of the school year on Wednesday, Feb. 11.

SPARK Conferences (Symposium Promoting Advancement of Real-world Knowledge) are intended to expose our students to various science, technology, engineering and math careers, as well as cultivate their unique interests and talents.

Presenters included members of the ASD school community such as faculty, students and parents, and in addition, presenters come from local community organizations, higher educational institutions and innovators within the corporate sphere.

Popular sessions presented by members of the community included:

"African Drumming" (Marie Mendlow, Nashua Community Music School).

"Glass & Geometry" (Karen Legault and Hans Schepker, glassgeometry.com).

"How an Ultrasound System Works" (Srinadh Godavarthy, Philips Healthcare Ultrasound Division).

"Make Ice Cream with Liquid Nitrogen" (Arthur Keefe, Subzero Ice Cream & Yogurt).

"Mechanical Dissection" (Tina Ouellette, Portsmouth Naval Shipyard).

"The Math of Music" (Dr. Dan Wolaver).

"The FIRST Robotics Competition Experience" (Team 2342 Phoenix).

"The Art of Conflict Resolution" (Raya Fratkina, director of engineering at Catera Commerce).

The students got to choose which sessions they attended, and this SPARK day offered a variety of fascinating topics to explore, such as:

Programming in the Context of the Visual Arts, The Beautiful Science of Creating Food and Beverages, Chinese Tea Culture, Eastern Morals in Arabian Knights, Introduction to Flight Simulators, Crazy Creative Writing Skills, Floor Hockey, Handmade Books, Heart Art, Hans Christian Anderson's "The Little Mermaid" vs. Disney's "The Little Mermaid," Heart Art, The Sinking of the Bismark, TSA Work Session, Valentine's Cake Pops, ASD Open Mic, The Rise of Cyborgs, Debate: Science or Culture, Just Dance, Valentine's Day Pop-ups, American Sign Language, Chess and Checkers, "Jeopardy," A Geographical & Cultural Journey on Skis, A Look to the Future, Global Climate Change, Global Warming, Greenhouse Gases – What is Really Going On? Yoga and Traveling Through History with Doctor Who.