

9/18/18

Hooksett Memorial School and the ALPS Department want to share an opportunity with you:

UNH will be hosting a STEM Education Day on **Saturday, October 6th** during a football game. The STEM event will run from 10:30a-1:30p. During this time students will be able to watch a UNH football game, and participate in many STEM related, hands on activities.

The STEM Education Day will have many interactive STEM related activities for students to participate in.

These include:

***Drone delivery/Egg Drop** off the Blue Monster (over a 30 foot drop) We will have UNH engineering students on site to help students build devices and make the drop

***Wind Turbine Class** UNH engineering students will talk to students about wind turbines and help them to construct one

***Design a theme park class** Students will have an opportunity to build a theme park ride (with help from UNH students)

Here are videos about how each of the above events will look

Design a Theme Park Ride

https://media.unh.edu/media/UNH+STEMbassadors+Theme+Park+Demonstration/1_1vcjbg9o

Drone Delivery Challenge -

https://media.unh.edu/media/Stembassadors+Drone+Drop+Design_R2/1_mpl98o9d

Wind Turbine - https://media.unh.edu/media/StembassadorsA+Wind+Turbine+Design/1_oteo85rc

In addition to the classes above we will also have companies setting up hands on, STEM related activities for students to participate in.

Companies setting up **STEM activities** include:

iRobot

NH Astronomical Society

MCC Robotics

Childrens Museum Dover/Portsmouth

UNH Tech Camp

UNH Cooperative Extension Science Literacy

UNH cooperative Extension 4-H team

UNH Sea Perch

Portsmouth Naval Shipyard

UNH College of Engineering and Physical Sciences

UNH School of Marine Science and Ocean Engineering

It is sure to be a fun filled experience for students! **Price to attend the event is \$9 in advance, with the link below** (\$25 if you buy at the gate - so use the link!) You will need a ticket in order to enter the facility where the STEM activities are taking place, even if you decide not to attend the game.

Here is the link to order the tickets.

<http://www.unhwildcats.com/grouptickets>

password **hooksettstem**

**Free bus parking

**Paid and unpaid parking available for families/individuals driving themselves.

We hope you'll share your adventures with us. Feel free to email Mrs. Ruest at truest@sau15.net with any pictures you're willing to share.

Tracey Ruest & Donna Tremblay
Hooksett ALPS Teachers

