

# FUTURE ★ STARS STEM LAB @ Neaosc

## 5TH GRADE STEM FIELD TRIP

Spend a day with your students in the STEM Lab as they build 21st Century skills. Inspire them to create a thriving future based on collaboration and critical thinking to innovate, solve tomorrow's problems, and change our world for the better!



**Beginning  
February  
2025**

Students will enjoy a 4 hour experience from 10:00 - 2:00.

There is NO cost to visit the STEM Lab. Schools are responsible to secure and pay for transportation.

The lab supports ONE class per day (up to 29 students).

Adults are asked to be actively engaged with students throughout the day.

Lunch is NOT provided. Please have students and chaperones bring a lunch.



### Science SOL Objectives

4.1 a ,b, e, f  
5.1 a, b, c, d, e, f  
5.3 a, d, e  
5.4 a, b, e  
CS / 5.1, 5.2, 5.7, 5.8, 5.11,  
5.13, 5.14, 5.15

### Schedule

10:00 Arrival and Introductions  
10:15 Engineers as inventors  
10:45 Coding with C++, Arduino, LED's and Actuators  
11:45 Lunch  
12:15 Engineering Process/Design and Build  
1:30 Presentations  
2:00 Departure

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