Fort Belvoir Elementary School provides STEAM (Science, Technology, Engineering, Arts and Mathematics) after school program called Kids Lab. This award winning program is provided to the students at Fort Belvoir at NO COST through a grant from DoDEA (Department of Defense Education Activity). Similar programs can cost as much as $400.00.

Kids Lab Session 2 will be held on Wednesday’s beginning on January 27 and ending on April 27, 2016 (classes will not be held on March 16th and March 23rd).

**Kids Lab Programming for students in grades Kindergarten – 2 includes:**

- Kindergarten
  - *Water Works* – Students will do experiments involving water

- Grade 1
  - *Budding Botanist* – students will investigate plant life

- Grade 2
  - *Weather Reporter* – students will observe and make predictions about weather
  - *Sounds Like Fun (Acoustical Engineering)* - students explore the properties of volume and pitch, investigate ways to dampen sound, and develop their own novel way to represent the key elements of sound.

**Kids Lab Programming for students in Grades 3 – 6 includes:**

- Coding for Young Engineers with SCRATCH (Grades 3/4)
- STEAM for BOYS ONLY
  - **BEST** “Boys Excelling in Science and Technology” (Grades 3/4) – Boys
    - BEST Boys will go on a field trip to George Mason University for the Environmental Action Showcase
- STEAM for Girls ONLY
  - **GEMS** “Girls Excelling in Math and Science” (Grades 3/4)
  - **ENLIST** “Empowering Young Women Leaders in STEAM” (Grades 5/6)
    - GEMS & ENLIST students will go on a field trip to Marymount University
- Introduction and Advanced NXT Robotics (Grades 4 – 6) – building and programming robotics
- Engineering is Elementary" Engineering Adventures "Shake Things Up!" - Students will have fun, hands-on engineering design challenges based on real events around the world.
- Computer Coding (Grades 3/4 & 5/6) - Minecraft, Hour of Code, and Java Script
- 3D Printing and Sketch Up (Grades 5/6)
REGISTRATION LINKS

K – 2 Kids Lab Registration:  http://goo.gl/forms/vuwazzAywu

3 – 6 Kids Lab Registration:  http://goo.gl/forms/56C01N5wg7

PLEASE NOTE:

1. Students who were not registered for Session 1 (Fall 2015 Session) will be given priority for registration.

2. Space is limited and enrollment is NOT guaranteed. Confirmation of enrollment will be sent home via email and letter home in child’s Thursday folder. Confirmation letters/emails will go home in January 2016.

Other Important Information:

• Your child is expected to attend every Wednesday (students will be unenrolled after 2 absences)

• Kids Lab begins at 4:30 PM and ends at 5:30 PM on Wednesdays (no classes on 3/16 and 3/23)

• Parents should provide a snack

• Students stay in their classrooms before Kids Lab begins and will begin homework and have their snack

• Transportation is provided
  o Students taking the bus home MUST BE MET BY A PARENT at the bus stop (bus information will be sent home separately – bus stops may be different than regular bus stops)
  o Students who are picked up by parents MUST BE MET IN THE CAFETERIA (students are NOT allowed to walk home after Kids Lab)
  o Please try not to change method of transportation. It is confusing for students.

• Please try not to pick your children up early from the program – while sometimes it is unavoidable it is disruptive.
• Absences – If your child/children must miss class please send an email to nhrowland@fcps.edu or call 703-781-2700 (this is especially important if they were in school and were dismissed early!)

• The final meeting is the Parent Showcase – details to follow

Finally, this program is hands-on and fun! It is essential that all students be on their best behavior in order for everyone to be able to learn and have fun. Please remind your children that the program is a special privilege.

If you have any questions, please contact Nancy Rowland at 703-781-2834 or by email NHRowland@fcps.edu

* Kids Lab is provided at no-cost to Fort Belvoir Elementary School Families. Students registered at schools other than FBES cannot attend.