

K-12 STEM Opportunities

We need your assistance

- Don't have a lot of time, that's ok, a small investment in time is possible, several opportunities can be done virtually
- All volunteers are welcome regardless of background or expertise
- Thank you to all our volunteers; we are counting on the post membership to continue the K-12 STEM effort during the 2022-2023 school year
- Consider joining the K-12 STEM committee; seeking new ideas and innovative ways to impact the K-12 STEM community



Current opportunities include:

- **Mentoring at Lewis High School, Springfield, VA**
 - Students are working on projects following the Toshiba Exploravision program, <https://www.exploravision.org/>
 - Seeking a few mentors to help the students review their initial/subsequent designs and find a "better" solution or direct them towards what they need to research? 20 minutes of feed back and some suggestions (or helping them think through their designs)
 - Geosystems class
 - **5th Period Class Meeting Dates and Times: 11:15-12:50 on Nov 2, 4, 9, 14, 16, 18, 22**
 - **8th Period Class Meeting Dates and Times: 1:20-2:55 on Nov 1, 3, 7, 10, 15, 17, 21**
 - IB Physics Class
 - **Classes meet back-to-back from 11:15-12:50 and 1:20-2:55 on Nov 28, 30, Dec 2, 6, 8, 12, 14, 16**
 - Students have access to zoom and google meets, meeting during class or after school works
 - Official after school help sessions are on Wednesdays from 3-4:30, but many students can meet other days
- **Volunteering and donating to the Northern Virginia Science Center and the Children's Science Center Lab**
 - Family Science Night
 - Field Trips
 - STEM Kits
- **Local Science Fairs**
 - Robinson SS Science Fair, 3pm, February 2, 2023
 - 68th Annual Fairfax County Regional Science and Engineering Fair, Robinson SS, March 18, 2023
 - Diocese of Arlington Science at Paul VI Catholic High School in Fairfax, April 15, 2023 (T)
- **Additional info to be provided at the upcoming board meeting and in future post newsletters**

**Volunteers
Needed**



SAME NOVA Post K-12 STEM Goals:

- **12 volunteers, 2 hours per semester/person**
- **Become an IGNITE Partner with FCPS**
- **Expand to areas of Post and Society interests**
- **Expand the outreach network for the STEM Camps and Scholarship Programs**



To volunteer or for additional information contact the K-12 STEM co-chairs:
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