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AOC STEM 2021  
OUTREACH PROGRAM

# AOC STEM Competition

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Supported by SNC



**Competition Opens:** October 1, 2021

**Competition Closes:** November 30, 2021

AOC recognizes the importance of educating and guiding the next generation of scientists, technologists, engineers, and mathematicians using an interdisciplinary and applied approach.

The purpose of this contest is to encourage and support student STEM groups to consider the importance of the electromagnetic spectrum in their studies.

Thank you to Sierra Nevada Corporation  
for making this happen!



## The Assignment

The AOC STEM Program invites students grades 9<sup>th</sup> through 12<sup>th</sup> to submit a 1 to 5-minute video for the chance to win \$2,000 for their group and gain access to member benefits to enhance their future career goals.

The competition is a chance for your school or STEM team to:

- work on a fun project with an AOC member,
- learn about the electromagnetic spectrum and how it applies to everyday life and future careers,
- win a significant financial award for your school/group, and
- be informative, inventive, artistic, scientific, technical, and creative, in a very short video.



## Video Theme

***Create a 1 to 5-minute video that explores one or more of the following questions:***

- Why is the electromagnetic spectrum important?
- How does it have practical use that makes a difference in how we live our lives?
- What would life be like without the use of the electromagnetic spectrum?

*The video could be inspired by the participants' personal use of the electromagnetic spectrum.*

Learn more about the electromagnetic spectrum, visit the [STEM Learning Center](https://www.crows.org).

[www.crows.org](https://www.crows.org)



## Submission Details

- The video must be 1 to 5 minutes long.
- Each submission must have a point of contact (over 18 years old) that can be a teacher, coach or team leader.
- It should include additional details and context such as key terminology.
- Video must be in English (or with subtitles)
- There is NO entry fee.

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# Competition Steps

## 1 Get started

- Get your group together
- Check out our [Tips](#) and [FAQs](#)
- Contact Blain Bekele ([blain@crows.org](mailto:blain@crows.org)) to be matched with an AOC member
  - Subject matter experts can help you recognize and connect the EMS to everyday life
  - Assist with technical terms and vocabulary
  - Provide resources

## 2 Connect

- POC's should schedule time to virtually meet AOC members assigned to the group and discuss the project.
- Do your research.
- Write your script or [storyboard](#).
- Record your video!
- Have fun, we want to see your creativity.

## 3 Submit

- Email submission to Blain Bekele ([blain@crows.org](mailto:blain@crows.org)) by **November 30, 2021**

With your video, you **must** submit:

- [Application](#)
- [Parent/guardian permission form](#)
- [Group member list](#)

**All forms and more information can be found at [crows.org/STEM](https://crows.org/STEM)**



# Reward

- Three groups will be selected as winners:
  - Each winner will receive \$2,000 for their STEM club or STEM program.
- All participating groups' members receive:
  - Free membership to AOC
  - A monthly subscription to the *Journal of Electromagnetic Dominance*
  - Access to our Career Center
    - [careers.crows.org/](https://careers.crows.org/)
  - Access to our mentorship program
    - [crows.org/page/mentorship](https://crows.org/page/mentorship)





# Questions?

*Please contact us at [Blain@crows.org](mailto:Blain@crows.org)*

**[crows.org/STEM](https://crows.org/STEM)**



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## Mentorship Program

A year-long mentoring program pairing senior and mid-level professionals with young professionals and students.

- Connect with our network of professionals
- Connect with other students interested in STEM careers
- Increase your professional network

### Together with your mentor:

- Identify your skills
- Set goals together
- Track your progress

**Sign up Here**

Code: e1ae0e

[crows.org/page/mentorship](https://crows.org/page/mentorship)

## Career Center

AOC provides the only Career Center that serves as the intersection of talent and opportunity within the Electromagnetic Warfare industry.

- Sign up for a free 25 and under membership
  - **Discount code:** free25
- Login into the career center
- Upload your resume
  - Match with a mentor to get feedback on your resume
- Search for internships and jobs

[careers.crows.org/](https://careers.crows.org/)