LOCKHEED MARTIN

2022-23 Lockheed Martin STEM Classroom Grant Program
Engineering, Computational Science and Cybersecurity Learning Opportunities
for High-School Students

Application Fact Sheet

The Foundation for Orange County Public Schools, Inc. is inviting applications from high-school teachers under a new Science, Technology, Engineering and Mathematics (STEM) Classroom Grant Program, funded by a $50,000 Lockheed Martin grant and matched under the School District Education Foundation Matching Grant Program. Grants of up to $5,000 each will be awarded to schools for teachers to implement STEM programming for high-school students, focused on **engineering, computational science and/or cybersecurity.**

Eligibility

- Any Orange County Public Schools *high-school* classroom teacher of science, technology, engineering and/or math-related subject areas may apply. Resource teachers are not eligible.
- Teachers who applied for the 2021-22 Duke Energy STEM Partnership Grant or a 2021-22 Duke Energy Math-Science-Energy Education Grant are not eligible to apply for a 2022-23 Lockheed Martin STEM Classroom Grant. Please plan your grant request accordingly and apply for only one of these grants.

Grant Awards

- Classroom teachers of high-school students (Grades 9-12) in STEM-related courses may request up to $5,000 for projects that meet grant guidelines. The Foundation anticipates that at least 16 grants will be awarded.

Project Focus

Programming must:
- Provide a learning opportunity for high-school students focused on engineering, computational science and/or cybersecurity
- Prepare high-school students for the future STEM workforce, building critical skills and interests with the goal of improving their readiness for STEM career pathways
- Include a focus on expanding access and opportunity for students from groups historically underrepresented in STEM fields, including one or more of the following categories:
  - Girls/Women
  - Racial and ethnic minorities: African American, Hispanic/Latino, American Indian/Alaska Native (Native American), or Asian American Pacific Islander
  - Low-income students (as measured by students eligible for free/reduced lunch or Title I status of school)
  - **Bonus points** will be awarded to applicants who teach in high schools serving student populations that are at least 60% minority (non-white), 60% Hispanic and/or 60% eligible for free/reduced-price meals. If schools meet all three criteria, they earn 15 bonus points (5 points each).
- Integrate virtual volunteer opportunities for Lockheed Martin employees that enrich programming and enhance the student experience; face-to-face opportunities will be considered when Lockheed Martin corporate policy allows for this.
- Take place between the grant award (October 7, 2022) and April 28, 2023. Activities may occur before, during and/or after school.

Allowable Expenses

- Project supplies
- Equipment
- Software

Grant Will NOT Cover

- Honoraria, salaries, stipends or substitute teachers
- Awards, incentives, t-shirts or food (unless part of an experiment)
- Programs that are state-mandated or existing programs funded by another organization

Application Requirements (No exceptions)

- All applications must be submitted via the online grant portal.
- All applications must be approved by the principal.
- Applicant teachers should build into their application plans for at least one Lockheed Martin volunteer to engage with their proposed project. If funded, Lockheed Martin will identify volunteers, whose careers align with your focus area. You may identify a Lockheed Martin volunteer in advance as well.
- Computer/Device requirements:
  - All equipment and software purchase plans in your grant application **must be pre-approved** by OCPS Information Technology Services (ITS) before submission. If you are looking to purchase preapproved OCPS computer purchases by ITS please work with your school bookkeeper for complete list of those items.
  - Devices must also be approved by your school's technology coordinator.
  - Purchase of devices must be done through iBuy, *following* ITS approval and the grant award.
  - All OCPS ordering/purchasing procedures must follow district policy. No purchases from the grant may be made prior the official grant award.
  - Management Directive B-14 procedures must be followed for any electrical or structural configurations. Approvals must occur prior to a grant submission; not after.

Key Dates:

Application Deadline:	September 9, 2022
Award Notification by:	October 7, 2022
Spend Funds Deadline:	January 13, 2023
Submit Expense Report:	January 27, 2023
Unspent Funds Returned:	January 27, 2023
Final Evaluation Due:	April 28, 2023
PowerPoint and/or Video Due:	April 28, 2023

If you are unable to meet the key dates for spending and reporting, please do NOT apply. **Unspent funds must be returned to the Foundation by January 27, 2023** so those funds can be redistributed.

Evaluation Process:

Each application will be reviewed, evaluated and scored by a panel of three community volunteers, including a Lockheed Martin employee. Most volunteer reviewers are not educators and will not be familiar with acronyms and/or curricular areas. It is in your best interest to minimize education jargon. Reviewers will evaluate according to the criteria listed in the rubric and answers provided by applicant.

Funding Process:

Checks will be payable to the grantee's school. Amount granted may be different from budget request.

Other Pertinent Information:

Supplies, materials and equipment purchased with grant funds do not become the personal property of the grantee; however, supplies, materials and equipment can travel from school to school with the grantee. Upon resignation or retirement, the supplies and/or materials become the property of the OCPS school where last held.

Grantee Responsibility:

- Electronically sign contract in your assigned Google drive.
- Expend grant funds no later than January 13, 2023.
- Submit expense summary and copies of all receipts to your Google drive. Unspent funds must be returned no later than January 27, 2023.
- Submit a Final Evaluation Report (on-line) and PowerPoint presentation and/or video presentation by April 28, 2023. Be prepared to report on the number of participating students in each of the following categories: minority (non-white), Hispanic and female/male.