



## **Robotics Grant Guidelines and Policies For Grades 5-8 or 9-12**

### **MISSION**

The Robotics grant is designed to encourage Seventh-day Adventist schools to provide a robotics program that introduces students to the fun and excitement of using science, technology, engineering, and math while building self-confidence, valuable employment skills, and contributing to improve society at large. Robotics challenges participants to higher level thinking skills in the areas of science and engineering. Alongside adult mentors, the teams solve problems while building robots with sound engineering practices and rapid prototyping. This grant is designed to assist schools in support of the Southwestern Union Conference STEM initiative.

For information on registering a robotics team, costs, and events, please visit:  
<https://www.adventistrobotics.net/>

### **ELIGIBILITY**

The following standards must be met by the prospective Seventh-day Adventist school robotic team in order to qualify for a robotics grant:

- Supported by a Seventh-day Adventist school within the Southwestern Union Conference.
- Composed of 3-10 students in grades 5-8 or grades 9-12 with at least one coach.
- Scheduled to meet on a consistent basis.
- Aim to provide a robotics challenge with other schools.
- Grant application complete with signatures by deadline.
- Raise additional donations to apply towards remaining startup costs or other program needs.

### **APPLICATION SUBMISSION**

- Application must be received by the last day of July to be considered for a grant.
- Application selection is based upon completeness, timely receipt, and eligibility.
- Previous grant recipients may apply for another grant, however priority will be given to first time applications.
- Submit application: by email to — [education@swuc.org](mailto:education@swuc.org), by mail to —Office of Education, Southwestern Union Conference, PO Box 4000, Burleson TX 76097, or by fax to – 817-447-2443.

## ALLOCATION OF FUNDS

- Grants of \$400 to five Seventh-day Adventist elementary school robotics teams and grants of \$500.00 to three Seventh-day Adventist secondary robotics teams each year. Grants to be issued no later than December 1.
- Grant recipients must use the grant allocation towards robotics.
- Submit receipts showing purchased robotics materials and/or registration by December 1, for distribution of funds.

## PLANNING FOR ROBOTICS



- Submit a Robotics Grant application, due to the SWUC Office of Education by the end of July.
- Purchase the Lego Mindstorms EV3 Core Set Robot (approximately \$412.00), which can be used each year. <https://education.lego.com/en-us/products/lego-mindstorms-education-ev3-core-set-/5003400>
- Optional: Add an expansion kit for your robot (approximately \$110.00). <https://education.lego.com/en-us/products/lego-mindstorms-education-ev3-expansion-set/45560>
- Build a wooden robotics table (FLL Field Kit) to use yearly with the FLL Challenge Set. <https://www.firstinspires.org/resource-library/fll/table-building-instructions>
- Choose an official team name (i.e., Robotechs).
- Review the Coaches Handbook and checklists. <https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&cad=rja&uact=8&ved=2ahUKEwi504SA-NzjAhVG0KwKHQyBDMsQFjAAegQIABAC&url=http%3A%2F%2Ffirstlegoleague.org%2Fsites%2Fdefault%2Ffiles%2Finto-orbit%2Ffirst-lego-league-coaches-handbook-20182019.pdf&usg=AOvVaw3xobJ-NwOHnF3PfenSOUmL>

## Robotics Grant Application for Grades 5-8 or 9-12

\_\_\_\_\_ School Year

*This application must be filled out in its entirety and eligibility and guidelines met in order to be considered for the grant. APPLICATIONS MUST ARRIVE NO LATER THAN THE LAST DAY OF JULY.*

APPLICANTS FULL NAME:	DATE OF APPLICATION:	
POSITION/TITLE:	GRADE/SUBJECT LEVEL:	
PARTICIPATING SCHOOL:	CONFERENCE:	
SCHOOL ADDRESS:		
CITY:	STATE:	ZIP:
SCHOOL PHONE:	CELL:	
EMAIL:	<input type="checkbox"/> Elementary (5-8) <input type="checkbox"/> Secondary 9-12	
For the purpose of creating a robotics school program in support of the Southwestern Union Conference Office of Education STEM initiative, the following questions will assist in the decision to provide: <ul style="list-style-type: none"> <li>\$400.00 grant to five Seventh-day Adventist elementary school robotics teams</li> <li>\$500.00 grant to three Seventh-day Adventist secondary school robotics teams</li> </ul>		
WHAT PURPOSE WILL THE ROBOTICS PROGRAM SERVE IN YOUR SCHOOL/CLASSROOM?		
HOW WILL YOU START AND EXECUTE A SUCCESSFUL ROBOTICS TEAM?		
HOW WILL YOU OBTAIN MENTORS WHO WILL ACTIVELY SUPPORT AND PARTICIPATE WITH ROBOTICS?		
HOW WILL YOU MAINTAIN FINANCIAL AND OPERATIONAL SUSTAINABILITY?		
I certify that the above information is true and correct to the best of my knowledge, and that I am full responsible for any charges or expenses not covered by this grant. Filling out this form does not guarantee automatic assistance.		
_____ APPLICANT'S SIGNATURE	_____ DATE	
_____ APPLICANT'S SIGNATURE	_____ DATE	

