

Special Awards Criteria: National Awards

Criteria is set by Regeneron International Science and Engineering Fair. Awards may fluctuate depending on the year and availability. Region V MSEF cannot change the pre-set criteria.

American Psychological Association

One (1) Award

Grade 6 – 12th

This is for one (1) student in the behavioral and social science category or any category related to psychology (i.e. animal science, biomedical and health sciences, translational medical science).

Association for Women in Geoscientists

One (1) Award

Grades 6 – 12th

This is an award for a female with a project in Geoscience. The following project numbers have been pre-selected for review. The award goes to a FEMALE student whose project, in the opinion of the judges, exemplify high standards of innovativeness and scientific excellence in the geosciences. Special consideration should be given to projects that increase public awareness of the geosciences, illustrate the interdisciplinary nature of the geosciences, or promote the sensitivity to the earth as a global system.

Lemelson Early Inventor Prize

One (1) Award

Grade 6 – 8th

This award will provide a \$100 award and a certificate to a young inventor creating an invention that represents a promising solution to a real-world problem. Inventions can be devices, or they can take the form of novel methods or processes (for example, inventing a carbon sequestration process or creating a biomarker to detect disease).

NASA Earth System Award

One (1) Award

Grades 7 – 12th

There is a packet of instructions and a scoring guide for you. This is for 1 student grades 7-12. The following project numbers have been pre-selected for review. The project should incorporate studies including different spheres of the Earth system, their interactions and change over time.

NOAA

One (1) Award

Grades 7 – 12th

There is a packet of instructions and a scoring guide for you. This is for 1 student grades 7-12. The following project numbers have been pre-selected for review. Projects should be focused on topics related to coastal, marine, and Great Lakes ecosystems, climate, weather and water, and commerce and transportation.

RICOH

One (1) Award

Grades 6 – 12th

This project represents the United Nations Sustainable Development Goals; Principles & technical innovations that offer the greatest potential for increasing our ability to grow environmentally friendly & socially responsible businesses.

The Society for In Vitro Biology

One (1) Award

Grade 11th

The following project numbers have been pre-selected for review. Winner should be in 11th grade with an exhibit in the area of plant or animal in vitro biology or tissue culture.

U.S. Agency for International Development (USAID)**One (1) Award****Grades 6 – 12th**

Provides a certificate to a student whose project uses science innovatively to create a potential solution to international development challenges such as humanitarian assistance following national disasters, preventing the next global health epidemic, and providing energy access to people in other countries.

Department of the Navy/Office of Naval Research**2 – 3 Awards Grades 6 – 8th (Certificate, letter of congratulations, and medallion)****2 Awards Grades 9 – 12th (Certificate, letter of congratulations, medallion, and \$50 gift card)**

NSAP is a U.S. Navy and Marine Corps program that encourages our nation's students to develop and retain an interest in science and engineering. NSAP recognizes the accomplishments of eligible students at regional and state science and engineering fairs and the International Science and Engineering Fair (ISEF) in producing and presenting quality science and engineering projects.

Regeneron Biomedical Science Award**One (1) Award****Grades 9 – 12th**

This award will provide a \$375 award and a certificate to an exceptional student scientist or team of scientists who not only demonstrates an impressive command of biomedical science and research but also embodies Regeneron's core values and behaviors, known as The Regeneron Way, in the disciplines of biochemistry, biomedical and molecular biology, cellular and molecular biology, computational biology and bioinformatics, microbiology, and translational medical science.

U.S Metric Association**One (1) Award****Grades 6 – 12th**

This award is for 1 student in the fair who most appropriately uses the metric system.

Stockholm Junior Water Prize**Up to Two (2) Awards****Grades 9 – 12th**

Projects should be aimed at enhancing the quality of life through improvement of water quality, water resource management, or water and wastewater treatment. The projects may explore water issues on a local, regional, national, or global level using a research-oriented approach. To promote teamwork, more than one student may work on a single project; however, only two students may represent the team at the national and international competition.

Yale Science and Engineering Association INC.**One (1) Award**

This award is for one (1) 11th grade student in the following categories: Computer Science, Physics, Chemistry and Engineering that is most outstanding.

United States Air Force**Up to Four (4) Awards****Grades 7 – 12th**

Outstanding Science or Engineering project. Student should display leadership abilities through STEM. The Air Force Research Laboratory will award 4 packages that include a sling pack, power bank, USB flash memory drive, USB car charger, and official AF Certificate.

United States Environmental Protection Agency (EPA)**All Environmental Projects**

The letter is provided to all students who have projects in the areas of environmental sciences and environmental engineering.

Special Awards Criteria: Local Awards

Criteria is set by the donor choices. Awards may fluctuate depending on the year and availability. Region V MSEF cannot change the pre-set criteria. These awards are in the form of books, science kits, and other science-related items. Each student will also receive a certificate.

Global Environmental Impact Award

One (1) Award

For projects that make a real-world application to a problem that has been identified and tries to fix the problem using the critical thinking process.

Category: any, grades 6—12th

Students should have a passion or sustainability, want to make it a more just equitable place for all. Their project should have a global approach, believing that their project could help solve a global issue such as access to nutritious food, clean water, and education. The goal is for a student to view their project as a possible solution to the critical global challenges addressed by the United Nations through the 17 Sustainable Development Goals.

Excellence in Animal Investigation

One (1) Award

For projects that focus on entomology/biological systems in research. Sponsored by the Mauldin Family Trust.

Category: Animal/Behavioral/Biomedical and Health Science, grades 6—12th

The STEM Achievement Award

One (1) Award

For projects that combines STEM knowledge and application of engineering technology.

Category: Engineering/Math/Physics/Robotics/Intelligent Machines, grades 9—12th

The award is given to an individual project that demonstrate the most challenging, original, thorough, and creative investigation of a problem involving mathematics accessible to high school students.

Excelling in Mathematics and/or Statistics Award

One (1) Award

For projects that demonstrates challenging, original, thorough and creative investigation of a problem involving math application. Sponsored by Robert and Susie Manning.

Category: Any, grades 9—12th

Madame Curie Award

One (1) Award

For projects that study the composition, structure, properties, and reactions of matter or studies involving biochemical systems of living organisms that react with each other and the environment.

Category: Chemistry, Inorganic and Organic, Biochemistry, Plant sciences grades 9 – 12th grade

Shining Star Award

One (1) Award

For projects that show enthusiasm and promise for continued learning in STEM education and careers.

Category: Any, 8th grade only

Reach for the Moon! Award

One (1) Award

For projects that demonstrate STEM knowledge, technical and/or problems solving skills, communication skills, creative thinking and determination to overcome challenges throughout the research project.

Category: Any, 7th grade only

Nailed it! Award

One (1) Award

For project presenters that have prepared for their presentation and presented with confidence and content knowledge of the research.

Category: Any, 6th grade only

Nailed it! Award**One (1) Award**

For project presenters that have prepared for their presentation, and presented with confidence and content knowledge of the research.

Category: Any, 5th grade only**STEM Wizard Award****One (1) Award**

For projects that combines STEM knowledge and application of engineering technology.

Category: Any, 4th grade only**Bulldog Choice! Award****One (1) Award**

For projects that demonstrate STEM knowledge, technical and problems solving skills, communication skills, creative thinking and determination to overcome challenges throughout the research project.

Category: Any, 3rd grade only**Don't Stop Now! Award****One (1) Award**

For projects that demonstrates challenging, original, thorough and creative investigation of a problem involving math application. Sponsored by Robert and Susie Manning.

Category: Any, 2nd grade only**Reach for the Stars! Award****One (1) Award**

For projects that focus in conducting research that involves the biological sciences. Sponsored by the Mauldin Family Trust.

Category: Any, 1st grade only**Future Scientist Award****One (1) Award**

For projects that show enthusiasm and curiosity for continued learning in STEM education.

Category: Any, Kindergarten grade only**The Michael Adam Memorial Teacher Award**

This is a student-led nomination process. The link is provided on STEM Wizard, along with the criteria.

This given to a teacher who exemplifies (demonstrates) and expresses a positive attitude toward science fair projects. This teacher goes beyond the classroom to advocate (support) for students competing in the Science and Engineering Fair.

The Dr. Christina McDaniel Memorial Student Award

This is a teacher-led nomination process. The link is provided on STEM Wizard, along with the criteria.

Nominees should display a sparked scientific interest in science fair research. For example, had an 'ahha' moment where concepts clicked and truly excited about the results.