

Students are invited to create a short video presenting their innovative ideas related to sustainability. The ideas can range from raising awareness about a specific problem to proposing a solution, even if it hasn't been proven yet. Students have the freedom to interpret and present their ideas and solutions in any format they choose, such as a discussion, prototype, product, experiment, song, public demonstration, documentary-style video, storytelling, or even a play.

Junior category students can present a sustainability-related drawing as long as they explain it in a video.

Recommended sustainability topics may include, but are not limited to, renewable energy solutions, water conservation, environmental pollution and protection, climate change, or waste management & recycling.

Competition Rules

- Each school must assign one faculty mentor/supervisor as the focal point for any communication
- Each submission can be of individual participation or a group of up to 3 students.
- One submission entry per category per school
- Participating students must adhere to the age group categories

Submission Rules

- All participants must fill and submit the registration form through the website before the registration deadline.
- Upload the video to YouTube (create a new channel) or any other video submission platform such as "Google Drive" or "WeTransfer" then submit the link through the registration link provided

Video Specification Guidelines

- Video duration must less than 3 minutes
- Video quality must be Full HD or higher
- Video must be of 16:9 aspect ratio
- All participating students should be present in the video
- Videos can be submitted in Arabic or English languages

The following must be included in the video's intro:

Title of video

Name of school

Category

Student (s) name

Video Content Guidelines

- Make sure your video tells the story behind your idea and explains what inspired you.
- Use the video to show off your invention or idea in action. Use visuals, demonstrations, and any other creative techniques you can think of to illustrate what makes your innovation special.
- Make sure you explain your innovation in clear and concise terms.
- Explain the potential impact your idea could have, both in the short-term and the long-term. This could include social, economic, or environmental benefits.
- Use your video to showcase your personality and creativity. Don't be afraid to experiment with different formats or techniques that will make your submission stand out.

Evaluation Standards

The video must have been made specifically for this competition.

Content: novelty and originality of idea and creativity of proposed solution (think outside the box).

Structure: clarity of the idea, the way it is presented and delivered.

Execution of video: visual appearance and technical merits.

Quality of video/sounds

Fulfillment of the requirements described in section d (1 & 2).

Quality of the overall project: overall experience, message comprehension, and impact on audience.

The judges' decision will be final and binding.

Students & Teachers Resources

General Planning Guidelines

- a) Choose your research topic/problem to address: Any sustainability related topic of your interest!
- b) Develop an idea/work on a solution/figure out how to present your topic: Be creative and think outside the box! (Feasibility is not a requirement)
- c) Plan your video: Figure out any props, materials, music, and other items you might need to make your project shine!
- d) Lights, Camera, Action! Review the video tips in helpful resources section following [video tips](#), [rules](#) and regulations, and [evaluation](#) standards for extra guidance.

Helpful Resources

While some elite, research-focused science competitions can be pretty intimidating, we're going to let you in on a "secret" that the students who participate in those competitions get a lot (yes, a lot!) of help from professionals like teachers, scientists, and other mentors, and there are ways that YOU can get help, too!

How to create a successful project?

- 1-[How to Help Your Kid Create a Successful Science Fair Project \(connectionsacademy.com\)](https://connectionsacademy.com)
- 2-[Don't Fear the Fair: 8 Tips to Make Your Child's Science Fair Project Fun \(scholastic.com\)](https://scholastic.com)
- 3-[Help your child with science fair projects \(snexplores.org\)](https://snexplores.org)
- 4-[Tips for Your Video | World of 8 Billion Student Video Contest](#)

Video tips

- 1-[video tips](#)
- 2-<https://youtu.be/fexkPJJdym4>
- 3-<https://youtu.be/r4MxdLyS7EY>
- 4-https://youtu.be/w6peiD3N_CQ
- 5- Applications like Video star, Capcut, Videoshop, imovies

Inspiration ideas

1- A boy who designed some basic architectural changes to make homes safer in earthquakes. As part of his project, he even went down to the local children's science museum and ran experiments with sugar cube houses on a shake table. Pretty cool, right!

[10 Reasons to Participate in Science Fair - A One Room Schoolhouse](#)

2- The Boy Who Harnessed the Wind: Picture Book Edition

[The Boy Who Harnessed the Wind: Picture Book Edition: Kamkwamba, William, Mealer, Bryan, Zunon, Elizabeth: 9780803735118: Amazon.com: Books](#)

3- Kids Who Are Changing the World: A Book From the GoodPlanet Foundation

[Amazon.com: Kids Who Are Changing the World: A Book From the GoodPlanet Foundation: 9781402295324: Jankéliowitch, Anne, Arthus-Bertrand, Yann: Books](#)

4-[\(216\) Maryam Tsegaye, Canada, Physics, Winner: 2020 Breakthrough Junior Challenge - YouTube](#)

[5-\(216\) Animation: Age-related Macular Degeneration - YouTube](#)

Sustainability projects ideas

1-[150 Sustainability Science Projects ideas in 2023 | sustainability science, science projects, science \(pinterest.com\)](#)

2-Energy-Water-Environment Nexus and the Transition Towards a Circular Economy: The Case of Qatar
Abdul-Jalil Ibrahim, Nasim Shah Shirazi, HBKU
<https://link.springer.com/content/pdf/10.1007/s43615-021-00037-w.pdf>

3-Uniting water energy food NEXUS in Qatar / Ministry of Foreign Affairs, The Netherlands
<https://www.rvo.nl/sites/default/files/2019/07/Uniting-water-energy-food-NEXUS-in-Qatar.pdf>

4-Position Paper on the Water, Energy, Food and Ecosystems Nexus and the Sustainable Development Goals / European Commission
<https://publications.jrc.ec.europa.eu/repository/handle/JRC114177>

5-The Energy-Water Nexus – An Energy 20/20 White Paper / Senate Committee on Energy & Natural Resources, USA
<https://www.energy.senate.gov/services/files/9D529812-659B-43A1-A2D1-EF0E67894636>

6-Addressing the Energy-Water Nexus – A Blueprint for Action and Policy Agenda / Alliance for Water Efficiency, American Council for an Energy-Efficient Economy
<https://www.aceee.org/files/pdf/white-paper/Water-Energy%20Blueprint.pdf>