2020 – 2021 AQ-IQ Contest
For Seventh Grade Students
Student Worksheet and Instructions

The AQ-IQ Contest is open to all seventh-grade students in North Carolina. Students research an air quality problem, and look at solutions to that problem. This year the projects will all be submitted through the on-line registration form. The projects can be turned in at any time, but are due by March 12, 2021. This worksheet will help you make a good AQ-IQ Project.

The AQ-IQ Resource Page:
http://web.eenorthcarolina.org/resource/about.aspx?s=121764.0.0.3743

2020 - 2021 Special Topic Categories

The AQ-IQ Contest gives out special awards for each of the following categories:
- Air Pollution monitoring and control technology
- Cleaner Cars, Cleaner Commutes, and Cleaner Air
- Pollution free electricity technology
- The Science and Technology of reversing climate change

Step by Step Guide

Step One: **Choose a topic**
Links and Resources (to get you started):
- North Carolina Division of Air Quality Page: http://www.ncair.org
- Environmental Protection Agency Air Quality Page: https://www3.epa.gov/airquality
- Air Now Student Resource Page: https://airnow.gov/index.cfm?action=student.index
- The EPA EnviroAtlas Health Relationship Browser: https://enviroatlas.epa.gov/enviroatlas/Tools/EcoHealth_RelationshipBrowser

Step Two: **Choose what type of project you are going to do and create your project:**
Project Types:
- Artistic Projects
- On-line interactive projects
- Posters
- Videos (please do not include copyrighted music or images)

Step Three: **Make your project**
The goal of your project is to show that you understand the problem and look at or develop solutions to the problem.
The projects will be evaluated on 5 criteria:
- Project Criteria: Scientific Facts and Bibliography
- Project Criteria: Appearance
- Project Criteria: Spelling and Grammar
- Project Criteria: Creativity
- Project Criteria: Quality as an Educational Tool

After you have completed your project prepare to turn the project by:
- For Posters or Artistic Projects -- take a photo or make a pdf
- For Video or Electronic Files, create a web link
- Name the project: *Last name_school_project type*
  - If the project is smaller than 10 MB or a link , you will be able to submit it on the registration form.
  - If the project is larger than 10 MB, to get additional instructions, e-mail keith.bamberger@ncdenr.gov

Step Four: **Turn your project:**
You can turn in a project at any time up to that midnight March 12, 2021. All projects will be submitted electronically.
Your will need:
- Name and email
- A parents e-mail is helpful, but not necessary (for communication about the Award Ceremony)
- School Name
- Teachers Name and email
- Bibliography and References
- Name your electronic file: Last name_school_project type

Link to Project Submission Form:

https://ncdaq.wufoo.com/forms/z1f26nga0d7yioc/