

# 2019 – 2020 AQ-IQ Contest

## 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 solution to that problem.

The projects will be evaluated on 5 criteria:

- Scientific Facts
- Appearance
- Grammar
- Creativity
- Quality as an educational tool.

### 2019/2020 Special Topic Categories

The AQ-IQ Contest gives out special awards for each of the following categories:

- Climate Change
- Transportation
- Earth Day and Air Quality in recognition of the 50th Anniversary of Earth Day
- Fire in recognition of the N.C. State Park's Year of the Fire.

Students can work in groups of up to four, and the projects are due **March 6<sup>th</sup>, 2020**.

This worksheet will help you make a good AQ-IQ Project. The AQ-IQ Resource Page:

<http://web.eenorthcarolina.org/resource/about.aspx?s=121764.0.0.37430>

## 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>
- National Air Quality Forecast Page: <https://www.airnow.gov>
- 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](https://enviroatlas.epa.gov/enviroatlas/Tools/EcoHealth_RelationshipBrowser)
- Video on air pollution (13 minutes): <http://itsourair.org/1-4-criteria-pollutants-closer-look-ozone>

### **Step Two: Choose what type of project you are going to do and create your project:**

Project Types:

- Artistic Projects cannot be large or have stray parts.
- Games need to be delivered in a small box or a new pizza box.
- Posters need to be flat (no 3-D elements, unless they fold flat like a pop-up book).
- Videos should not have copyrighted music or images.

### **Step Three: Register your Project on-line:**

Registration link: <https://ncdaq.wufoo.com/forms/qawsvo40vezhap/>

**Step Four: Turn your project:**

Projects are due **March 6<sup>th</sup>, 2020**. Turn your project in to one of seven N.C. DAQ Regional Offices. Contact us if you would like assistance in submitting the AQ-IQ Projects. ***It is vital that your project has a paper registration form attached to it.***

If your project is a video contact [Keith.bamberger@ncdenr.gov](mailto:Keith.bamberger@ncdenr.gov). You will receive instructions on how to submit a video via e-mail. Or you can contact us directly at the e-mail address below.

Student Names	
<b>Teacher Name:</b>	

Project Title

Project Type (pick one)			
Artistic	Game	Poster	Video

Research
Cite your sources here of websites you used to gather your information. This information is <i>required</i> .

Air Quality Problem and Solution
Problem Researched:
Solutions Summary:

All of this information and more is located on the [NC DAQ AQ-IQ Resource Page](http://web.eenorthcarolina.org/resource/about.aspx?s=121764.0.0.37430): <http://web.eenorthcarolina.org/resource/about.aspx?s=121764.0.0.37430>

If you have questions, please contact:  
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