

# Kids Climate Summit

## Illinois Math and Science Academy

### May 2, 2020



## A Call to Action: Participate in the Kids Climate Summit

Hello upper elementary and middle school students,

Are you concerned about the global climate? Would you like to explore a topic related to the climate? Are you eager to meet others who share your concerns? You should consider participating in the **Kids Climate Summit!** We want to hear your ideas on climate change and make the rest of the world aware of the precarious condition of the planet. You can work as a team (with friends or peers) or alone.

**How to get started:** Team up with your friends or peers (working alone is fine, too) and find an adult who is willing to be your coach. Pre-register at [www.chicagogiftedcommunity.org/Summit-Registration/](http://www.chicagogiftedcommunity.org/Summit-Registration/)

**Next, brainstorm a topic.** Remember, you can choose any topic that relates to climate change, and any presentation format. Follow your passions. Need to jumpstart your thinking? Find ideas below:

### Suggested Topics

#### Topics on causation:

Greenhouse Effect and fossil fuels

#### Topics related to warming consequences:

Food Scarcity

Floods, pests, droughts, and plant diseases

Deforestation (Rainforests and elsewhere)

Bleached coral reefs

Melting ice (glaciers and Polar Regions)

Extreme weather

#### Topics related to solutions:

Propose ways to cut carbon footprint

Implement new farming strategies

Research sustainable cities

Report on renewable energy systems

Analyze carbon sequestration processes

Explore ways to cool the oceans

Protect endangered species

### Suggested Presentation Formats

Map global impact

Graph changes to the environment over time

Develop tools to monitor the warming climate

Create a survey

Design an app

Present interviews (of climate champions)

Construct a model

Convene a panel of student scientists/experts

Write a musical score related to climate

Write a narrative, skit or I-movie

Paint murals interpreting climate change

Prepare maps or blueprints

Design a game that explores climate change

Present a mock debate

Conduct an experiment and present findings

Devise a community action plan

Design a website

**Connect your topic to a presentation format.** Need some help connecting your topic to a presentation format? Below is an **exemplar** of how to integrate topic and presentation options:

Chosen topic, i.e., *Greenhouse Skeptics*: Tell why this topic is meaningful to you, i.e., *some adults in my community are resisting action on climate change because they don't fully understand the issue.*

Chosen presentation format: *Our team will create an advertising pitch to transform the thinking of the Greenhouse Skeptics. Our pitch will include diverse viewpoints on global warming. We will examine reasons advanced by Greenhouse Skeptics to support their denial of climate change. We will seek to counter those arguments by presenting global and national data on warming, including our generation's perception of climate change.*

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**Proposal submission:**

**Team name and topic:** \_\_\_\_\_

**Print Coach's Name** \_\_\_\_\_ **Signature** \_\_\_\_\_

Attach a one page or less typewritten response to the questions below. Be sure to answer all questions.

We want to know why you chose your topic. What aspects were meaningful to you? How is your topic relevant to the current climate crisis? Explain your reasons for selecting a particular presentation format. Also, give us a brief description of the resources you or your team plans to use. Think about research requirements, supplies for experiments, potential interviews of experts and professionals as well as any presentation tools you will need. May 2, 2020 will come sooner than you think. Provide a timeline for meeting presentation goals. Know that we will support you throughout this process.

Thanks for your submission! We will evaluate your proposal on the following criteria:

Criteria Demonstrated in Proposal	Great work	Good work	Needs work	Comments
Selected a personally meaningful and relevant issue				
Incorporated facts, connections, and perspectives related to topic				
Demonstrated analytical or original ideas or both				
Planned carefully: listed resources, including visual aids, explained topic and prepared a timeline				

If you have any additional questions or comments, please contact us at [kidssummit@chicagogiftedcommunity.org](mailto:kidssummit@chicagogiftedcommunity.org). We welcome your questions and input.