

2019 CLIMATE ACTION CHALLENGE PARTICIPANT GUIDE

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CITY OF FLAGSTAFF CONTACT INFORMATION

Direct all questions regarding the Climate Action Challenge, the Flagstaff Youth Climate Summit, or requests for more information to:

Lee Bryant, Climate Education VISTA
City of Flagstaff Sustainability Program
Email: Lee.Bryant@flagstaffaz.gov
Phone: 928 213 2156



Climate Action Challenge Overview

The Climate Action Challenge (the Challenge) is a project-based learning program for Flagstaff youth, during which they will:

- Plan and implement a meaningful climate-related project
- Engage in community outreach
- Develop leadership skills

To participate in the Challenge, you must be in 4th-12th grade and part of an Action Team. Action Teams can be formed as part of a class, a school-affiliated group (e.g., student council, afterschool club, national honor society), a homeschool group, or a community group (e.g., Big Brothers Big Sisters, Boy or Girl Scout troop, recreation center group, church youth group). Action teams ideally should have no more than 5 members so that each member has responsibility in project development and implementation. However, larger Action Teams can still participate (Teams should not exceed 20 youth)! Action Teams can be new groups formed just for the Challenge or already existing groups.

During the spring of 2019, Action Teams will plan and implement their Challenge project, which should address an issue related to climate change in Flagstaff or Coconino County and benefit a specific neighborhood, school, or community. Climate Action Teams will present their project either at the Flagstaff Youth Climate Summit on April 16, 2019, or, for Teams unable to attend the Summit, as an in-class presentation to visiting Sustainability Program staff.

Note: Action Teams >5 members presenting at the 2019 Flagstaff Youth Climate Summit will be limited to 5 attending representatives due to facility capacity.

Challenge Participation Guidelines

Youth who want to take climate action can participate in the Challenge by following these steps:

- **Be in a qualifying grade:** Youth must be in 4th-12th grade.
- **Form an Action Team:** Action Teams should ideally consist of 2-5 members. Larger Teams (up to 20 members) can participate but will be limited to no more than 5 representatives attending and presenting at the Flagstaff Youth Climate Summit.
- **Select a Climate Action Mentor:** Each Action Team must have an adult (the Climate Action Mentor) who has agreed to advise the Team. The

Action Mentor can be a teacher, parent, or community group leader.

- **Register your Team:** Action Mentors must sign up the Team and indicate if the Team will be presenting at the Flagstaff Youth Climate Summit, or are unable to attend and need to schedule an in-class presentation. Teams can register here: www.Flagstaff.AZ.gov/YouthSummit.
- **Plan, design, and begin implementing** your project!
- **Submit project updates along the way:** Teams will email short updates twice a month to Lee Bryant (Lee.Bryant@flagstaffaz.gov). Updates will be compiled into a newsletter and emailed to all Action Teams. Reminder emails with update details and due dates will be sent in advance to each Action Mentor or a designated youth Team contact.

Challenge Project Guidelines

All Challenge projects are required to:

- Identify and address an issue related to climate change that is relevant to Flagstaff or Coconino County.
- Benefit a specific neighborhood, school, or community.
- Address at least one of the following focus areas (details for each focus area can be found in the *Climate Action Challenge Toolkit*):
 - Water, Waste & Energy, Natural Environment, Food
- Be conducted by 2-20 youth.
- Start before April 2019 but do not necessarily need to be finished before project presentation.

Projects established before Challenge registration opens are eligible for inclusion in the Challenge. Action Teams are encouraged to collaborate with other groups in their organization or larger community to complete their project.

Challenge Presentation Guidelines

All Action Teams participating in the Challenge are required to present their project. We encourage Teams to attend and present at the Flagstaff Youth Climate Summit. If your Team is unable to attend the Summit, you can schedule an in-class presentation to visiting Sustainability Program staff. In-class presentations should be conducted by the end of April 2019.

PowerPoint Presentation Format

You will have 10 minutes to present, followed by 3-5 minutes for questions. A minimum of 2 Action Team members should be involved in the presentation. Your PowerPoint presentation should be no more than 10 slides and should include the following:

- **Title Slide:** State your Project Title, Action Team name, Team member names, Climate Action Mentor, and associated organization (e.g., neighborhood, school, community group, Scout troop, etc.)
- **Project Purpose Statement:** Describe your project's goal and why you chose it.
- **Implementation Strategies:** Explain the steps your Team took to implement your project.
 - e.g., What was this process like? Did you overcome any obstacles? If so, what were they and how did you overcome them?
- **Project Status:** Describe what your project looks like now.
 - e.g., How far along is your project? What will you do next? Did you complete it? If so, what are the results?
- **Project Future:** Explain what next steps your Team will or could take.
 - e.g., Can you continue this project? If so, how? Are there other complementary projects you could implement? What would you like to see for your neighborhood, school, or community in the future in relation to the impacts of climate change?
- **Photos:** Include a minimum of 5 photos illustrating your Team's Challenge project experience.

For Teams presenting at the Flagstaff Youth Climate Summit, presentations must be submitted by 4pm on April 15th, 2019. Action Teams should email their PowerPoint presentation to Lee.Bryant@flagstaffaz.gov.

Need tips on how to make a good presentation? Take a look at these resources to learn how big font should be, when to use fancy effects, and how many words per slide is best:

- [9 PowerPoint Presentation Tips for Students](#) (website)
- [Tips for Effective PowerPoint Presentations](#) (PDF)

CLIMATE ACTION AWARD

The Climate Action Award will be granted to the three top-scoring Action Teams who present at the Flagstaff Youth Climate Summit. Challenge projects presented at the Summit will be evaluated by a panel of judges using the

Climate Action Challenge Scoring Rubric (page 6–7). Award recipients will be announced at the end of the Summit.

Eligibility

To be eligible for the Climate Action Award, your Action Team must follow all Challenge guidelines and present *in-person* at the Flagstaff Youth Climate Summit. Teams unable to attend the Summit will not be able to compete for the Climate Action Award.

All Action Teams who participate in the Challenge and present either at the Summit or in-class will receive a certificate of achievement and have their project featured on the City of Flagstaff website.

2019 FLAGSTAFF YOUTH CLIMATE SUMMIT

The Flagstaff Youth Climate Summit is a one-day gathering on April 16, 2019 at The Arboretum of Flagstaff that will bring together young climate leaders, and serve as the culminating event of the Climate Action Challenge. The Summit will include project presentations from participants in the Climate Action Challenge, the KidWind Challenge, and the Solar Structure Challenge. At the Summit, your Action Team will present your Climate Action Challenge project to other Action Teams, teachers, parents, City staff, the press, and members of the community.

The Summit will include:

- Chances to tackle one of the world's most pressing problems with other climate leaders like yourself
- Exposure to wind and solar energy engineering projects
- A keynote speaker and panel discussion
- Leadership and sustainability workshops
- Project evaluations and award presentations
- And fun!

The Summit is a collaborative effort among the City of Flagstaff Sustainability Program, [The Arboretum at Flagstaff](#), and [Willow Bend Environmental Education Center](#).

Climate Action Challenge Scoring Rubric

This scoring rubric can be used to evaluate all Climate Action Challenge projects. Judges will use this rubric to evaluate Teams presenting at the Flagstaff Youth Climate Summit and determine Climate Action Award winners. Sustainability Program staff will use this rubric to evaluate Teams giving in-class presentations. In addition, Action Team Mentors (especially those who are teachers) can use this rubric to evaluate or grade their Team's project.

	1 Point	2 Points	3 Points	Score
Project Relevance	<p>The Project...</p> <ul style="list-style-type: none"> ❖ does not directly serve a community, neighborhood, or school in Flagstaff or Coconino County. ❖ is relevant to climate change, but does not address one or more of the four focus areas: water, waste & energy, natural environment, food. 	<p>The Project...</p> <ul style="list-style-type: none"> ❖ only indirectly serves a community, neighborhood, or school in Flagstaff or Coconino County. ❖ is relevant to climate change and explicitly addresses one or more of the four focus areas: water, waste & energy, natural environment, food. 	<p>The Project...</p> <ul style="list-style-type: none"> ❖ directly serves a community, neighborhood, or school in Flagstaff or Coconino County. ❖ is relevant to climate change and explicitly addresses one or more of the four focus areas: water, waste & energy, natural environment, food. 	/3
Project Scope of Impact	<p>The Action Team...</p> <ul style="list-style-type: none"> ❖ did not identify the needs of the community, neighborhood, or school. ❖ did not provide solution(s) to the needs of the community, neighborhood, or school. ❖ did not collaborate with other groups or organizations outside of the Team. 	<p>The Action Team...</p> <ul style="list-style-type: none"> ❖ identified one need of the community, neighborhood, or school. ❖ provided solution(s) to the identified need. ❖ collaborated with one other group or organization outside of the Team. 	<p>The Action Team...</p> <ul style="list-style-type: none"> ❖ identified two or more needs of the community, neighborhood, or school. ❖ provided solution(s) to two or more of the identified needs. ❖ collaborated with one or more groups or organizations outside of the Team. 	/3
Project Impact Measurability	<p>The Project...</p> <ul style="list-style-type: none"> ❖ has one positive impact, but it is not measurable. 	<p>The Project...</p> <ul style="list-style-type: none"> ❖ has one or more positive impacts that are measurable within the Team's organization (school, troop, community center, etc.). 	<p>The Project...</p> <ul style="list-style-type: none"> ❖ has one or more positive impacts that are measurable outside the Team's organization (school, troop, community center, etc.). 	/3

	1 Point	2 Points	Score
Presentation Organization	<p>The Presentation...</p> <ul style="list-style-type: none"> ❖ included 75% of everything in the presentation guidelines. ❖ did not clearly state the project purpose, or some ideas may be unorganized. ❖ introduction and conclusion were not effective or clearly stated. ❖ was generally timed well, but exceeded 10 minutes. 	<p>The Presentation...</p> <ul style="list-style-type: none"> ❖ included everything in the presentation guidelines. ❖ clearly stated the project purpose and logically moved from one idea to the next. ❖ introduction and conclusion were effective and clearly stated. ❖ was well timed; no part of the presentation was rushed, too short, or too long, and did not exceed 10 minutes. 	/2
Presenters' Eye Contact, Body Language, and Voice	<p>Presenters...</p> <ul style="list-style-type: none"> ❖ made infrequent eye contact; read slides or notes most of the time. ❖ sometimes spoke too quickly or too slowly. ❖ spoke loud enough for most of the audience to hear; may have had a monotone. ❖ occasionally used filler words such as "um" or "like". 	<p>Presenters...</p> <ul style="list-style-type: none"> ❖ made frequent eye contact with the audience; only glanced at slides or notes. ❖ spoke clearly and at a good pace. ❖ spoke loud enough for everyone to hear; altered tone to maintain interest. ❖ rarely used filler words. 	/2
Presenters' Response to Questions	<p>Presenters...</p> <ul style="list-style-type: none"> ❖ answered some audience questions, but not always clearly or completely. 	<p>Presenters...</p> <ul style="list-style-type: none"> ❖ answered all questions clearly and completely, or admitted "I don't know" and explained how the answer might be found. 	/2
Additional Comments:			/15
			Total Score