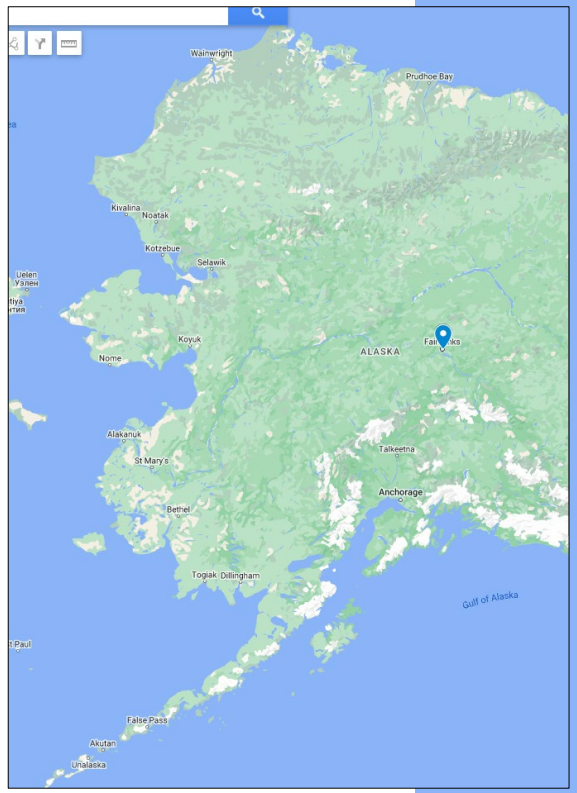
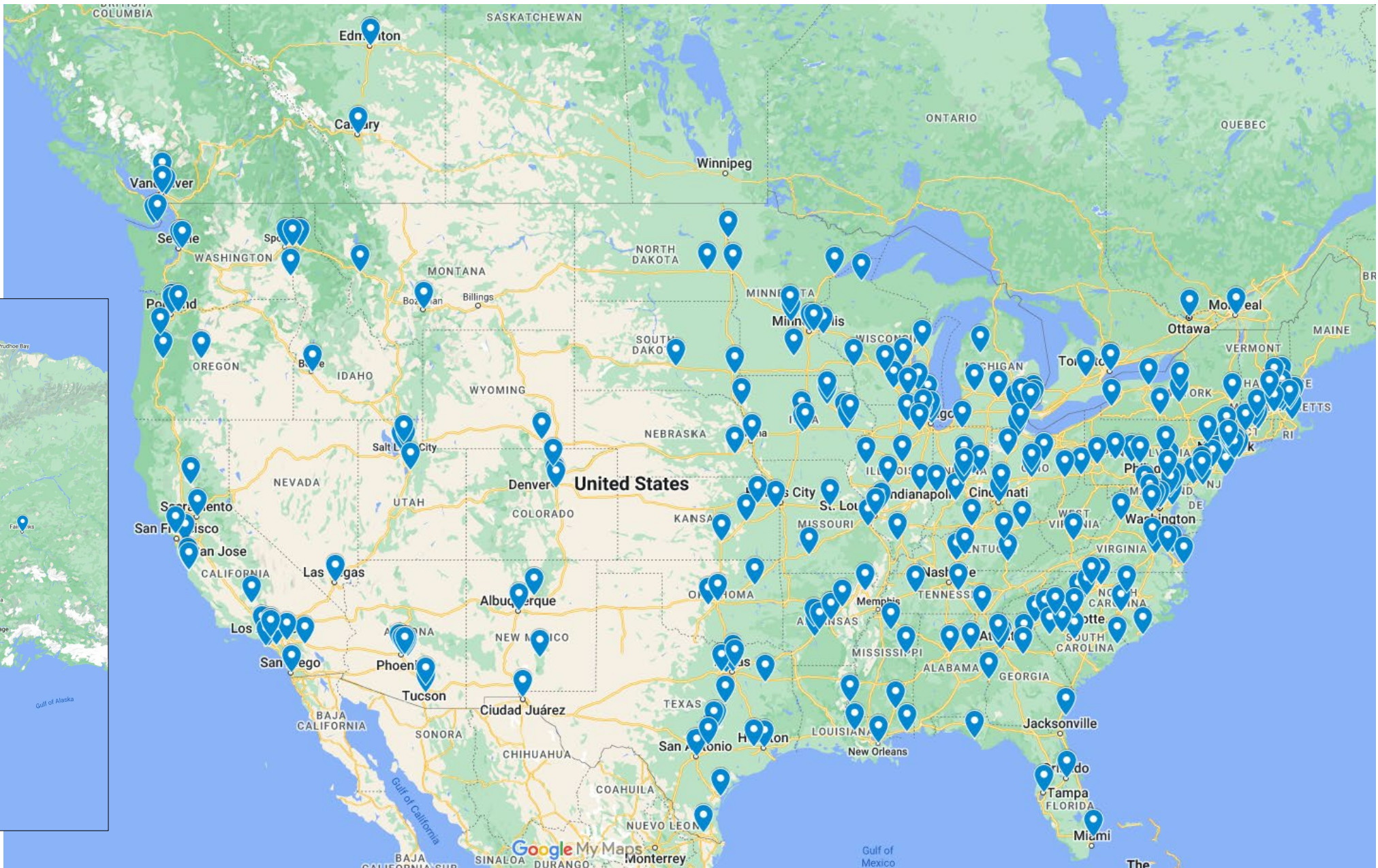


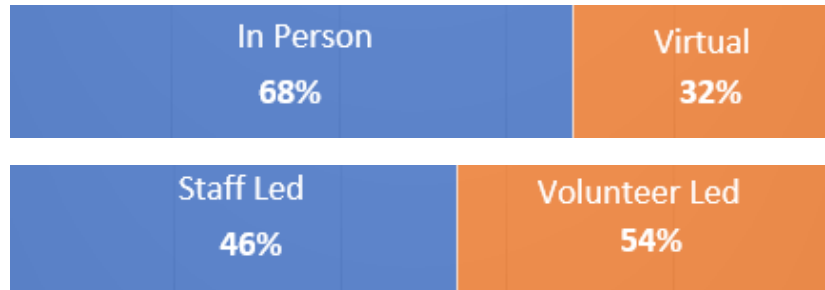
POPULATION EDUCATION

2024 Year in Review



2024 PopEd Workshops and Graduate Course

Workshops Facilitated for Teachers/Future Teachers: ~630



Workshop Participants: ~10,500

Participant Locations:

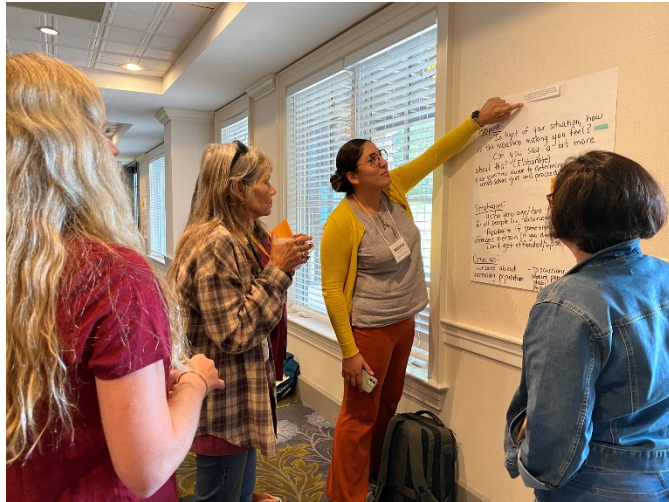
- 44 states + DC
- 6 Canadian Provinces

Summer Graduate Course

- Middle & HS teachers
- CEUs provided plus optional graduate credit through Adams State University (CO)



2024 PopEd Leadership Institutes



Charlotte, NC
July 19-21, 2024

Detroit, MI
September 27-28, 2024

51 New PopEd Trainers
From 22 states & Canada

Upcoming Leadership Institutes

Los Angeles, CA – July 2025

Winter Park, FL – November 2025



Each Unit Includes:

- Several Activities
- Student Reading
- Civic Engagement Ideas
- Recommended Children's Books & Multimedia

1 Thematic Unit	Counting Populations Help students understand the meaning of "population." Students discover how we determine population size and if that size is considered large or small.	
2 Thematic Unit	How Populations Grow Because many populations grow quickly, students will explore the concept of exponential growth and the impact of family size.	
3 Thematic Unit	Meeting People's Basic Needs There are basic necessities, such as food, water, and fuel that every person needs to survive. Students will discover this fact along with the understanding that not everyone in our global family has equal access to these necessities.	
4 Thematic Unit	Sharing Spaces Students investigate the idea that population density can impact people's quality of life if there is too much crowding and not enough personal space.	
5 Thematic Unit	People and Resource Use People have a unique relationship with both renewable and nonrenewable resources. Students will learn about long-term resource use and explore the importance of conservation.	
6 Thematic Unit	People and Waste As people use resources, waste is created in the form of garbage and pollution. We impact the environment every day as we use more and more resources.	
7 Thematic Unit	People and Wildlife Our actions affect all living things, not just other humans. Plants and animals also have basic needs that are essential to their survival.	

5

Thematic Unit

PEOPLE AND RESOURCE USE

People have a unique relationship with both renewable and nonrenewable resources. Students will learn about long-term resource use and explore the importance of conservation.

Counting Carbon

Students solve word problems and use packing peanuts to visualize how much CO₂ is produced daily by cars, then participate in a "natural carbon sink" activity to better understand how natural areas can absorb and store carbon dioxide.

[DOWNLOAD ACTIVITY](#)

Focus

GRADE LEVEL
Upper Elementary

SUBJECT
Math, Science

Skills

Small group worksheet,
whole group demonstration
and discussion

Time

Prep: 15 minutes
Part 1: 20 minutes
Part 2: 15 minutes
Measuring Learning:
30 minutes

Related Lessons

[↔ A WORLD OF DIFFERENCE: MADAGASCAR »](#)

[↔ ADDING ARMADILLOS »](#)

[↔ CATCHING POLLUTION »](#)

This activity has been matched to relevant national and state level standards, including Common Core Math and Language Arts.

[Click here to view standards matches](#)

TEACHER RESOURCES

COMMUNITY CONNECTIONS

GLOSSARY



Exhibits at Teacher Conventions

National Science Teachers Association
March 21 – 23, 2024
Denver, CO

National Council for the Social Studies
November 21-23, 2004
Boston, MA

Digital Outreach

- **New features on PopulationEducation.org**

- Webinars to teach our quarterly themes

- <https://populationeducation.org/teacher-workshops/upcoming-and-on-demand-webinars/>

- 2024 Themes: STEAM, Forests, Population Shifts in U.S. History, Teaching About Big Numbers

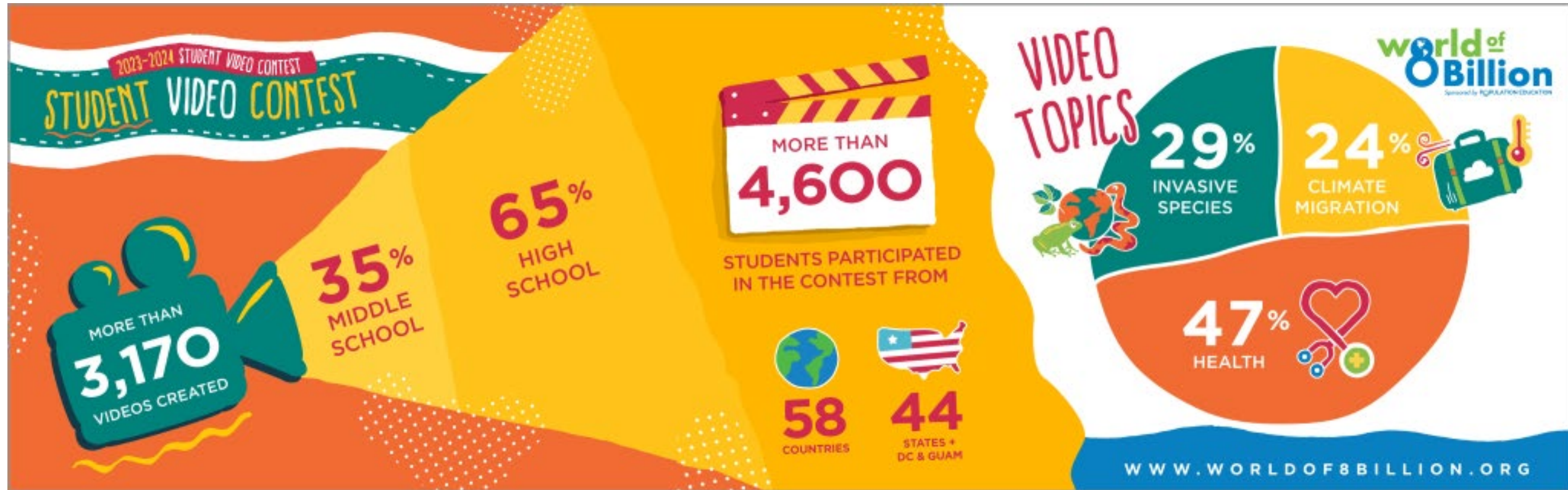
- 50+ New Blogs posted in 2024 on a range of educational topics

- **Posts on Social Media**

- Facebook, X, LinkedIn, BlueSky

World of 8 Billion Student Video Contest

2023-2024 Contest Re-cap



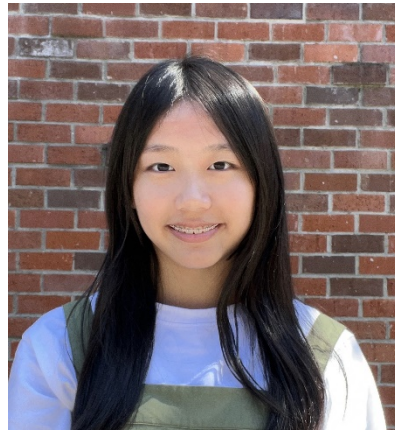
2023-2024 Contest Winners (1st & 2nd Place)



Jack Barkhurst
Albuquerque, NM



Grace Lee
Chula Vista, CA



Ruike Pan
Kirkland, WA



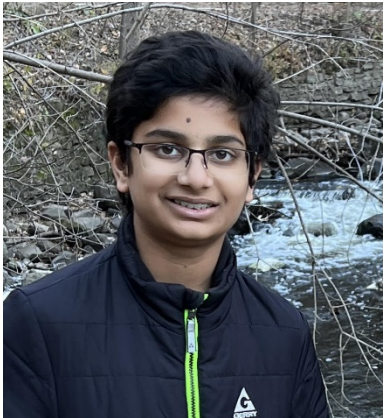
Imani Laird
Newton, MA



Nila Arunkumar
Austin, TX



Ranye Ezenekwe
Lafayette, CO



Sahil Parasharami
Eden Prairie, MN



Astrid Winterstein
Santa Fe, NM



Darya Maksimov
Prior Lake, MN



Benjamin Kurian
Powell, OH



Daniel Taich
Lyndhurst, OH



Hussain Rashad, Hassan El
Hadidi, Omar Shenoufy &
Mahmoud Shalaby
Giza, Egypt

In a short video, explain how human population growth impacts one of the following global topics and offer an idea for a sustainable solution.



Child Wellbeing



Rainforest Ecosystems



Sanitation

PRIZES

HIGH SCHOOL

FIRST PLACE \$1200

SECOND PLACE \$600

HONORABLE MENTIONS \$300

MIDDLE SCHOOL

FIRST PLACE \$600

SECOND PLACE \$300

GLOBAL FINALISTS

Videos that were chosen as global finalists for each topic will be awarded a \$80 prize for high school and \$50 prize for middle school.

STATE HONOR

50 Prizes

INTERNATIONAL BY REGION HONOR

7 Prizes

Submission deadline is March 5, 2025

 @PopulationEducation

 @PopulationEd

Visit www.Worldof8Billion.org for info!

world of
8 Billion

POPULATION EDUCATION



PopulationEducation.org