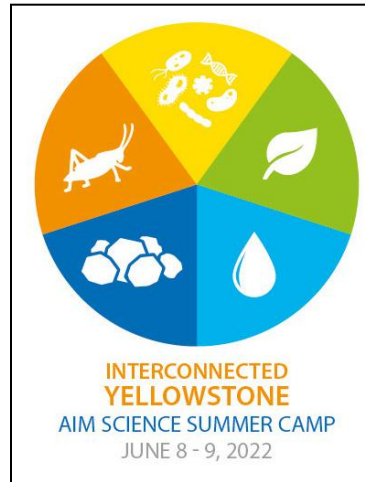


INTERCONNECTED YELLOWSTONE

5th/6th-grade AIM SCIENCE SUMMER CAMP

Brief Summary



WHO: Madison School District 5th/6th-grade AIM Students

WHEN: Pre-exploration workshops (after school) - April 25th - May 27th

In-person field exploration - June 8 @ Yellowstone National Park

In-person classroom day - June 9 @ Madison Middle School, Rexburg

WHY: **STUDENT'S DRIVING QUESTION:** How do multiple lenses help us better understand the interconnectedness and complexity of an ecosystem, now and over time?

ORGANIZER'S ESSENTIAL QUESTION: What would a robust and influential student field experience look like, one that is designed and scaffolded for other educators and explorers to reproduce?

EXPECTED RESULTS:

- Increased engagement in science
- Increased appreciation that arts goes hand in hand with science
- Increased curiosity for hands-on field exploration
- Improve skills in science communication (oral, visual, analytical)
- Develop field and observational journaling techniques, resulting in a personal explorer field journal filled with content and experiences
- Website summarizing the experience
- One education publication showcasing the modular framework of this educational experience for other educators to replicate in their classrooms

TEAMS

Geo	Andrés
Micro	Anne and Rosa
Plant	Daniel
Insects	Dan
Water	Ryan

Pre-Expedition Workshops

- Purpose: provide students with background to the different science lenses that will be experienced while in Yellowstone National Park. Students will also become acquainted with guest explorers and scientists prior to the expedition.
- Options for Pre-Expedition Workshop: virtual live call-30 minutes maximum (recorded for those who cannot attend), pre-recorded video, or in person visit.
- Assignment: students will be given a follow-up assignment to demonstrate knowledge or extend learning. Assignments are to be recorded in personal field journals.
- Requirement: students must complete 5 of the 6 workshops and assignments as a prerequisite to attend the field day in Yellowstone National Park.

In-person portion in Yellowstone - DAY 1, June 8, 2022

Students will be encouraged to explore Yellowstone National Park through multiple lenses of the experts. The main goal here is to get the group to be curious and ask questions while exploring the area. The first part of the day will be dedicated to exploring visually and the second part to hands-on activities inspired on what they learned in pre-expedition workshops.

In-person portion - DAY 2 , June 9, 2022

The day will start with a debriefing of the Yellowstone experience and introducing the importance of science communication (oral, visual and analytical). The experts will share a few short demos on how they communicate their professional work.

On the bus ride home from Yellowstone, students will sign up for 2 breakout sessions. During this time, students will take a further dive into a specific study and how it connects to Yellowstone.

After lunch, students will be committed to creating a science communication piece that will be shared in a showcase for parents, teachers, and administrators at the end of day 2.

Throughout the day, students are encouraged to go to the “Selfie Video Booth” and share their personal outlook on Interconnect Yellowstone.

Theme: INTERCONNECTEDNESS & SCIENCE COMMUNICATION					
Opening 9:00-9:30	Breakout 1 9:30-10:50	Breakout 2 11:00-12:20	LUNCH 12:20-12:50	Science Communication Creation 1:00-3:00	Showcase 3:00-3:30
Reflective Selfie Video (ongoing, walk-in)		• Prompts will be posted on the back wall of the recording booth.			

What are the ripple effects (or our greatest gains)?

- National Geographic Explorer Festival spotlight (live broadcast)
- “Selfie Video” capturing student impact and impressions
- Can we connect with Yellowstone Education?
- Showcase for parents, teachers, admin...
- Teach other students (summer school)
- Teach teachers how students learn best

For more information contact:

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