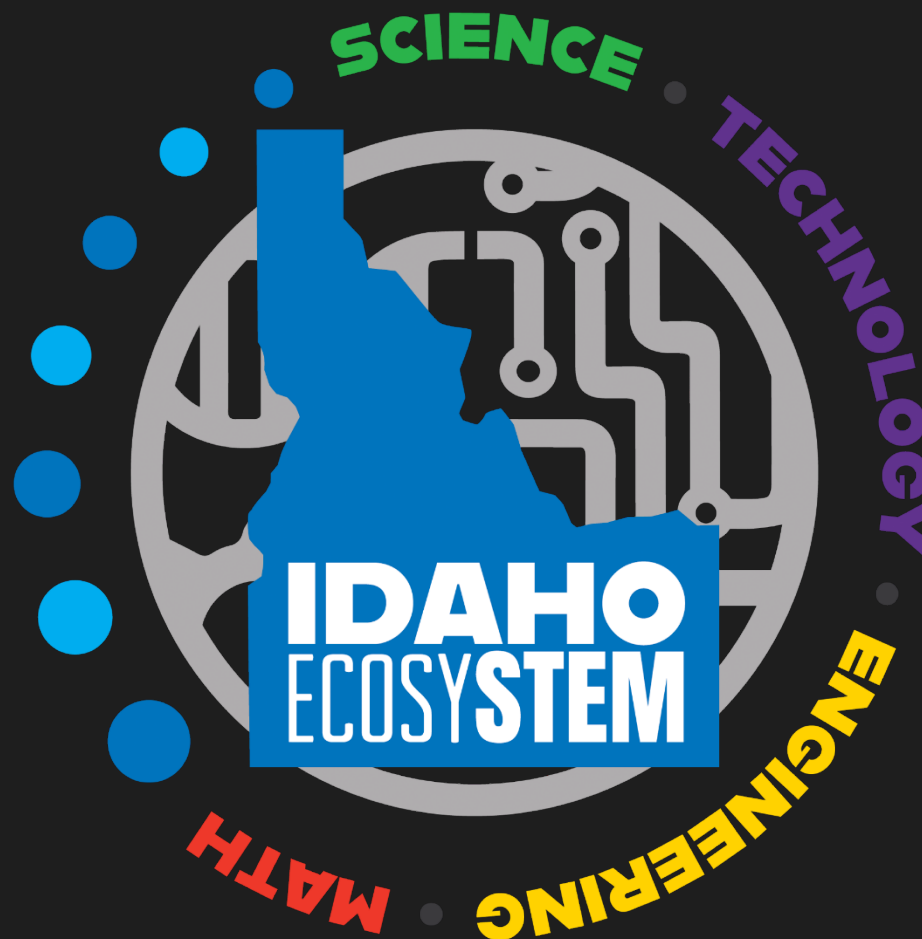


# Topics

- Overview of EcosySTEM and STEM INNC
- Funding Opportunities
- Resources Available
- Insights from attendees at STEM INNC meetings



# ECOSY **S** **T** **E** **M**



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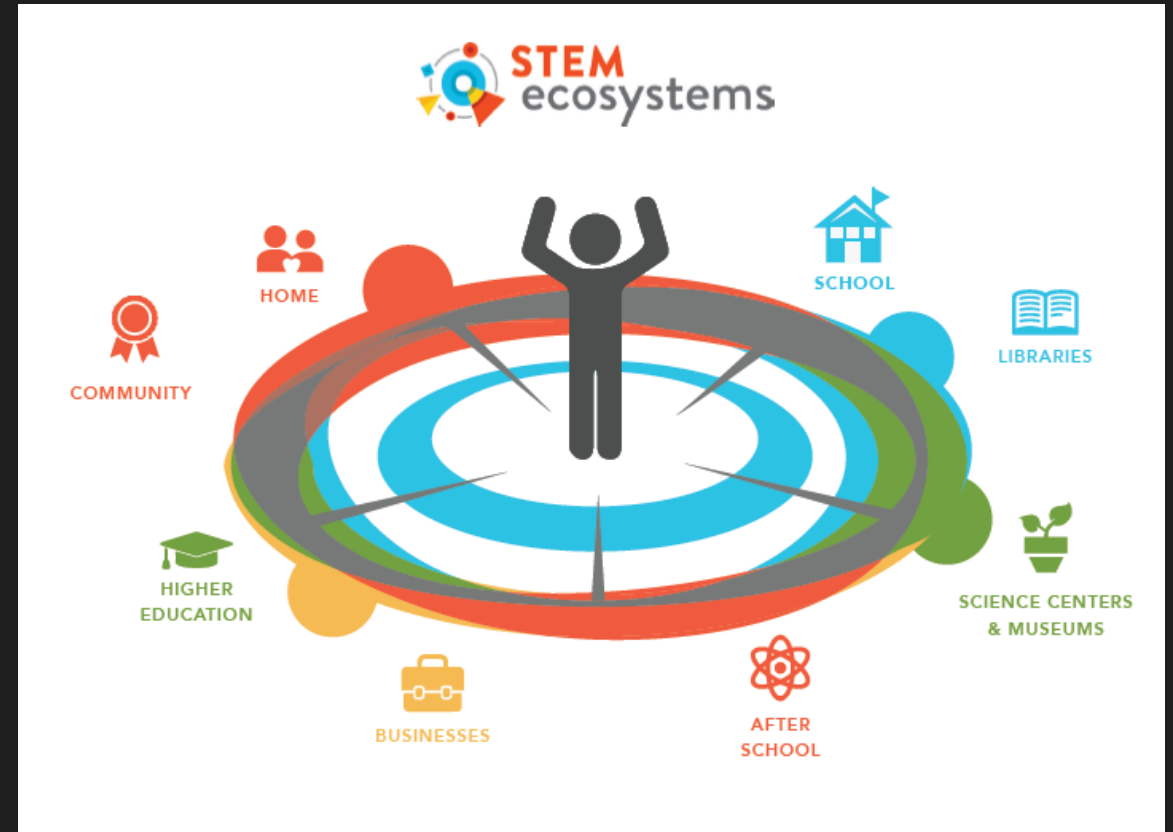
**LOCAL RESOURCES FOR  
STEM EDUCATION**

# What is the Idaho STEM Ecosystem (EcosySTEM)?

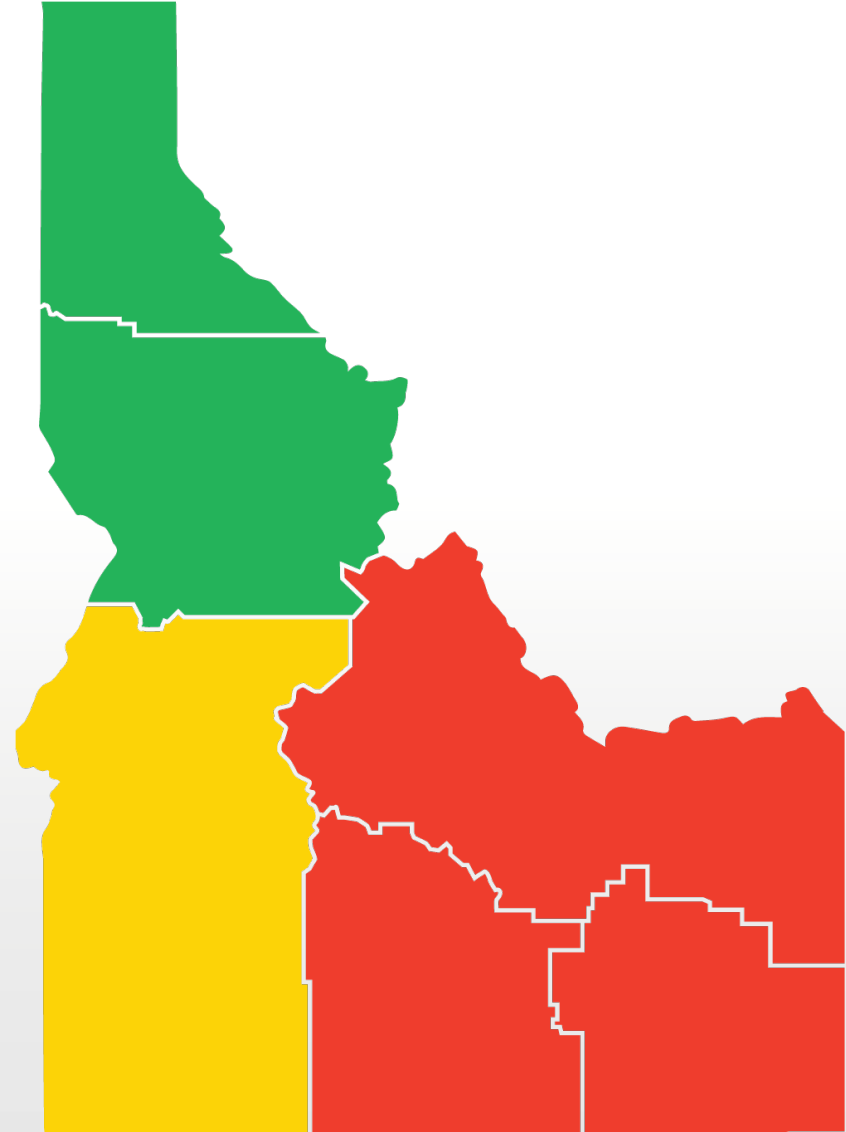
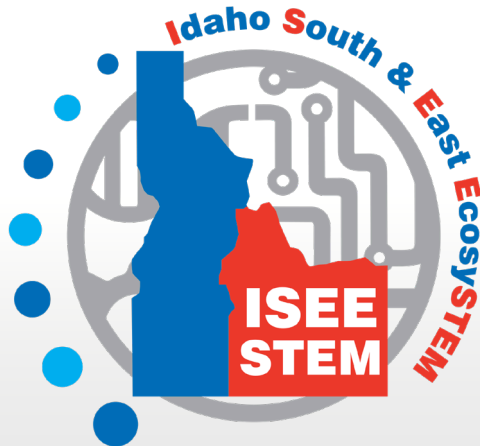
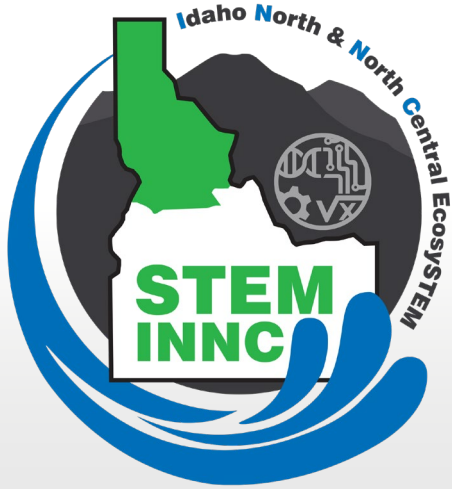
A group of partners that work together to design and implement a comprehensive vision of STEM learning for all and to further develop clear STEM career pathways for Idaho's youth through a **collective impact**.

## Aspirational Statement

To foster the integration of STEM experiences for Idahoans, creating problem-solvers and critical thinkers who will sustain and lead our economy.



# Regional Hubs



# Hub Coordinators



**DAN SCHILLO**

South West Idaho  
STEM Hub



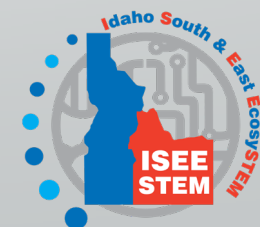
**SUSAN STAUFFER**

Idaho North & North Central  
STEM Hub

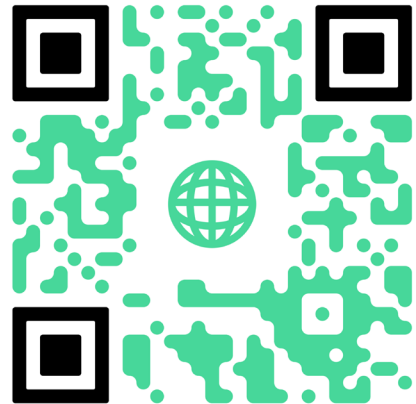


**ASHLEY SCHAFFNER**

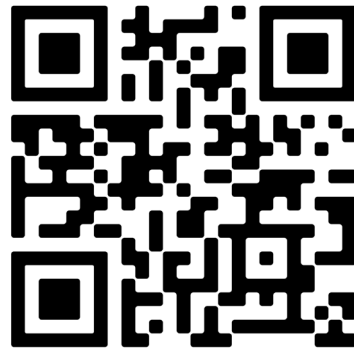
Idaho South and East  
STEM Hub



# EcosySTEM Directory



Directory Survey



SCAN ME



**Heidi**

LAST NAME

**Adams**

JOB TITLE

**Professor of Chemistry**

COMPANY/ORGANIZATION

**College of Southern Idaho**

CITY/TOWN

**Twin Falls**

STATE

**ID**

EMAIL ADDRESS

**hladams@csi.edu**

PHONE NUMBER

**208-732-6429**

EDUCATIONAL REGION

**Region 4**

WORKING GROUP

**None at this time**

BACKGROUND/EXPERIENCE

**Higher Education Profession...**

WHAT WOULD YOU OR YOUR ORGA...

Recruiting students for internship opportunities.  
Meeting space. Volunteering.



**William**

LAST NAME

**Albert**

JOB TITLE

**Founder & CEO**

COMPANY/ORGANIZATION

**STEMfinity**

CITY/TOWN

**Boise**

STATE

**ID**

EMAIL ADDRESS

**sales@stemfinity.com**

PHONE NUMBER

**800-985-7836**

EDUCATIONAL REGION

**International**

WORKING GROUP

**None at this time**

BACKGROUND/EXPERIENCE

**Individual/Unaffiliated Resell**

WHAT WOULD YOU OR YOUR ORGA...

STEMfinity will likely continue to donate to some giveaways, volunteer at the IETA Makerspace with ISAC, have a ...



**Anna**

LAST NAME

**Almerico**

JOB TITLE

**Director**

COMPANY/ORGANIZATION

**Idaho Out-of-School Network**

CITY/TOWN

**Boise**

STATE

**ID**

EMAIL ADDRESS

**aalmerico@jannus.org**

PHONE NUMBER

EDUCATIONAL REGION

**Region 3**

WORKING GROUP

**Educator Preparation, Traini...**

BACKGROUND/EXPERIENCE

**Nonprofit & Out-of-School ...**

WHAT WOULD YOU OR YOUR ORGA...

Volunteer, provide any training or connection to TMC Labs statewide, provide STEM Vista or Fellows opportunities with TM...



## AWESOME PARTNERS

Educators, Industry,  
Government, Tribes,  
Nonprofits, Libraries

## WEBSITE AND CALENDAR

<https://stem.idaho.gov/stem-innc/>

## MONTHLY ZOOM MEETINGS

Currently First Thursday at  
3:45 Pacific

## SUPPORT, NETWORKING, CONNECTIONS

## STEERING COMMITTEE

Strategic Planning

## FUNDING AND OUTREACH



# FUNDING OPPORTUNITIES





# STEM INNC Funding Priorities

- Develop regional STEM collaborations amongst partners in education, industry, nonprofits, government, and/or communities
- Promote equitable access to STEM programs
- Build access to workforce development
- Support professional development of STEM educators

# Regional P3 Public-Private Partnerships

- When a partner makes a donation to the STEM Action Center that is designated to your school or nonprofit, the STEM AC may donate up to half of that donation
- If the program receiving the funds is implemented only within a Hub's area, the P3 goes through the Hub



# ESSER III Funding for Learning Loss

- STEM Action Center will be receiving funding to support learning loss.
- These funds have to go towards out-of-school learning.
  - Before school, after school, summer programs, etc.
- Funding will be awarded twice a year.
  - First application cycle will be open September 15-October 15.
- These grant opportunities can range from \$2,500-\$50,000.

# STEM INNC Hub Sponsorships

Spring 2022: \$30K was awarded in the first round to seven projects. In addition to the five in videos, these also were funded:

- North Idaho Building Contractors Association and Gizmo: Pet Parade of Homes. Students design and build pet homes.
- Lewiston Independent School District: Summer Stretch Extended STEM. Middle school hands-on STEM at Camp Wittman.

**\$70K is available NOW for 2022-23! Apply at <https://stem.idaho.gov/apply/sponsorship-p3/>**

# Video 1

**Title:**

Idaho North & North Central (INNC) Hub Sponsorships

**Description:**

\$30,000 was awarded in the first round of INNC Hub Sponsorships to seven projects in the spring of 2022. Five of these projects are highlighted in this video.

**Link:**

<https://youtu.be/uaahmP2fo-A>

# Resources Available in All Hubs

- Funding: Esser III, Hub Sponsorships, Regional P3s
- Learning Blade, Career Blade, Intro to Coding
- Chief Science Officer
- Think-Make-Create (TMC) Mobile Labs
- i-STEM Institutes and Libraries
- Idaho Science and Engineering Fair, IDX, FIRST Robotics, Invent Idaho
- Hour of Code, NASA Challenges, STEM School Designation, (Science Olympiad), Whitewater Rafting





Try Something New this Year with Learning Blade!



Add supplemental STEM, CS, CTE lessons to your classrooms this year with **Learning Blade and Career Blade!**

Learning Blade now includes a 20-hour "Introduction to Coding" course designed for 7th and 8th grade.

Register for one of the below sessions to explore these FREE resources!

Tuesday, August 30, 2022 10 am PT

Tuesday, August 30, 2022 4 pm PT

Attendees will have the opportunity to win cool prizes!



Online STEM/CS/CTE student lessons & teacher lesson plans- grades 5-9

[FREE Learning Blade Account Here!](#)



Downloadable career-based lesson plans for grades K-12

[Check out Career Blade for Idaho!](#)

Learning Blade & Career Blade are provided to your district at no cost through the support of the Idaho STEM Action Center.

Provided by:



**Learning Blade®** is a system of interactive online lessons, teacher lesson plans, and printable at-home activities for 5th to 9th graders, where students learn about high-demand STEM, CTE and Computer Science careers while reviewing academics. Students can use over 400 online lessons in human-centered "Missions" or stories to explore exciting careers aligned to state standards. Teachers also have access to dozens of lesson plans that support innovative project-based learning and classroom activities using common materials. Now includes a 20-hour "Introduction to Coding" course designed for 7th and 8th grade.

**Career Blade** provides career and grade-specific lesson plans for K-12 that improve career awareness and connect to high-demand Idaho careers. Lessons include hands-on activities that demonstrate career tasks to students in terms that they understand. This helps students to visualize the world of work at a young age. All lessons have an introductory narrative, two student activities, rubrics and academic standard alignments.







**SIGN UP FOR YOUR FREE ACCOUNT**  
[WWW.LEARNINGBLADE.COM/ID](http://WWW.LEARNINGBLADE.COM/ID)



# Chief Science Officers (CSO)

- **Free to all schools in Idaho**
- **Grades 6-12**
- CSOs amplify student voice by bringing their peers and community leaders together to ignite new opportunities in STEM.
- **Kick-off with Leadership Training in Fall 2022**



# Idaho Science and Engineering Fairs

Established 2017

Grades 9-12 (Middle School pilot at EISEF this year)



- EISEF - Idaho State University – Feb 24, 2023
- WISEF - Boise State University – March 4, 2023
- NISEF- University of Idaho – March 10, 2023



**Showcase Locations & Dates:**  
**TBD**

### **Funding Schedule**

**Open:** October 1, 2022

**Close:** December 17, 2022

**Award date:** January 14, 2023

**Program Manager:**

Erica Compton

# Video 2

**Title:**

Regional Resources in North and North Central Idaho

**Description:**

Learn about regional resources available in North and North Central Idaho, such as the i-STEM Summer Institutes, North Idaho AHEC, Gizmo-CdA, Birds of Prey Northwest, and the Think Make Create (TMC) Labs.

**Link:**

<https://youtu.be/TFAbh6YiLjs>





### Eastern

- 2 - Fort Hall: 4-H;
- 3, 17 – Magic Valley: Boys & Girls Club of Magic Valley (Two labs);
- 7 - Children's Hands On Museum of Magic Valley;
- 12 - Pocatello: U.I. 4-H Extension;
- 14 - Gooding High: GEAR Up;
- 16 - Montpelier: U.I. 4-H Extension;
- 21 - Idaho Falls: United Way;
- 22 - Teton Valley: One Stone;
- 23 - Pocatello: United Way;



### Western

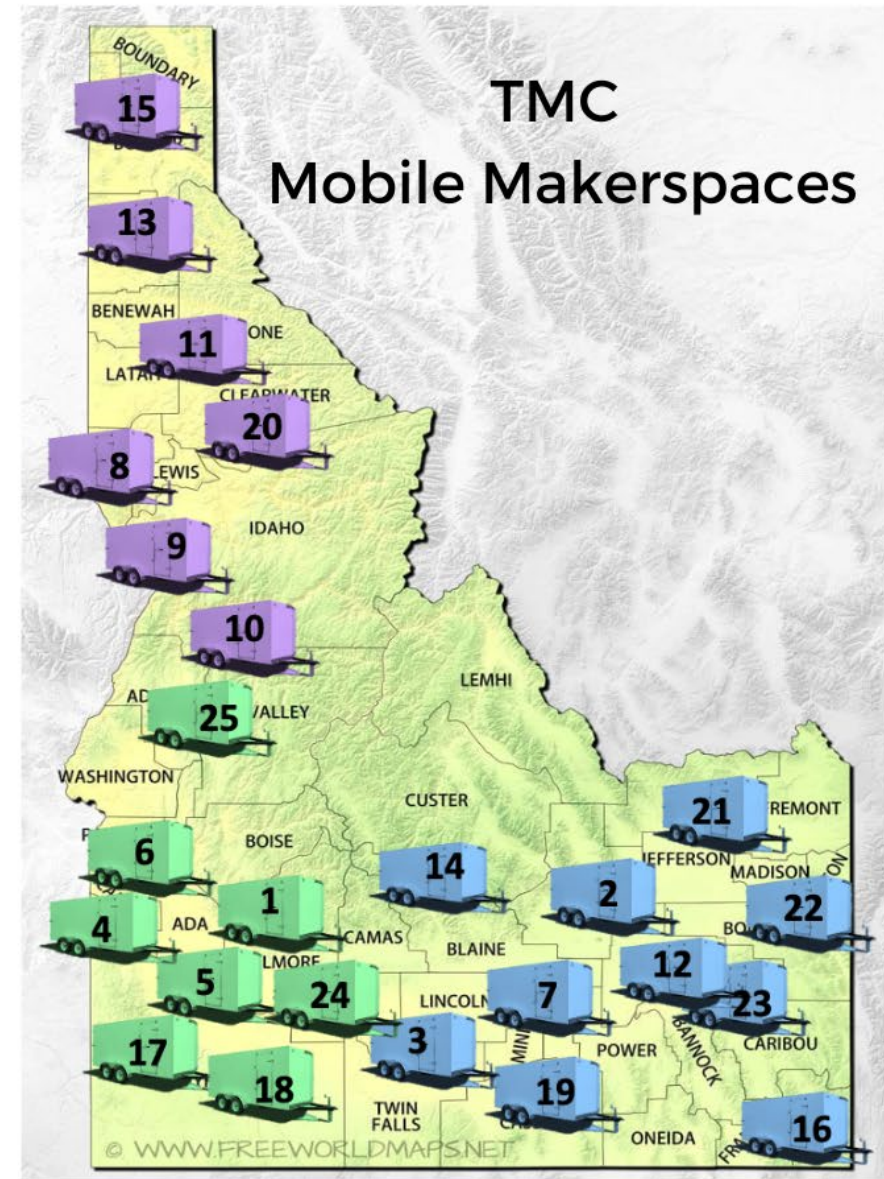
- 1 - Statewide: Univ Id. 4-H Extension;
- 4 - Caldwell: Treasure Valley Family YMCA;
- 5 – Nampa: Nampa Public Schools;
- 6 - Payette: Boys & Girls Club of Western Treasure Valley;
- 17, 18 - Ada County: Boys and Girls Club (2 Labs)
- 24 – Ada/ Boise Ct: One Stone
- 25 - Grangeville: Mt View Schools



### Northern

- 8 - Plummer: Coeur d'Alene Reservation;
- 9 - Lewiston: Boys & Girls Club of Lewis-Clark Ct;
- 10 - Lapwai: U.I. Extension
- 11 - Coeur d' Alene: Gizmo;
- 13 - Sandpoint: The Library;
- 15 - Bonners Ferry: U.I. Extension;
- 20 - Pinehurst: PASS

## TMC Mobile Makerspaces





This network of six regional libraries offers equipment, kits and technology to enhance STEM learning in your classroom or program! Browse and request available items in your area using the catalog online — plus, find lesson plans, videos, teacher guides and more.



<https://stem.idaho.gov/i-stem-library/>





# Idaho North & North Central EcosySTEM (STEM INNOC)

A Few of Many Events: Lewiston Creator Fair,  
Potlatch Creativity Carnival, Cd'A Gizmo,  
Invention Convention, Artemis ROADS  
NESSP Challenge – NASA funded

Where to find events: Website and Calendar,  
Monthly Updates Email and Zoom Meeting

# Video 3

**Title:**

STEM Success Stories in North and North Central Idaho

**Description:**

Learn about two STEM success stories unique to North and North Central Idaho

**Link:**

<https://youtu.be/NsxaJBIB2cU>

# Questions for STEM INNC Attendees

- 1) What motivated you to get involved with STEM INNC?**
- 2) How has participation in STEM INNC supported your STEM outreach?**
- 3) What advice would you offer to someone interested in creating meaningful STEM partnerships?**
- 4) How has your involvement with STEM INNC expanded your understanding of a STEM Ecosystem?**

# Questions and Answers

1/7/20XX

