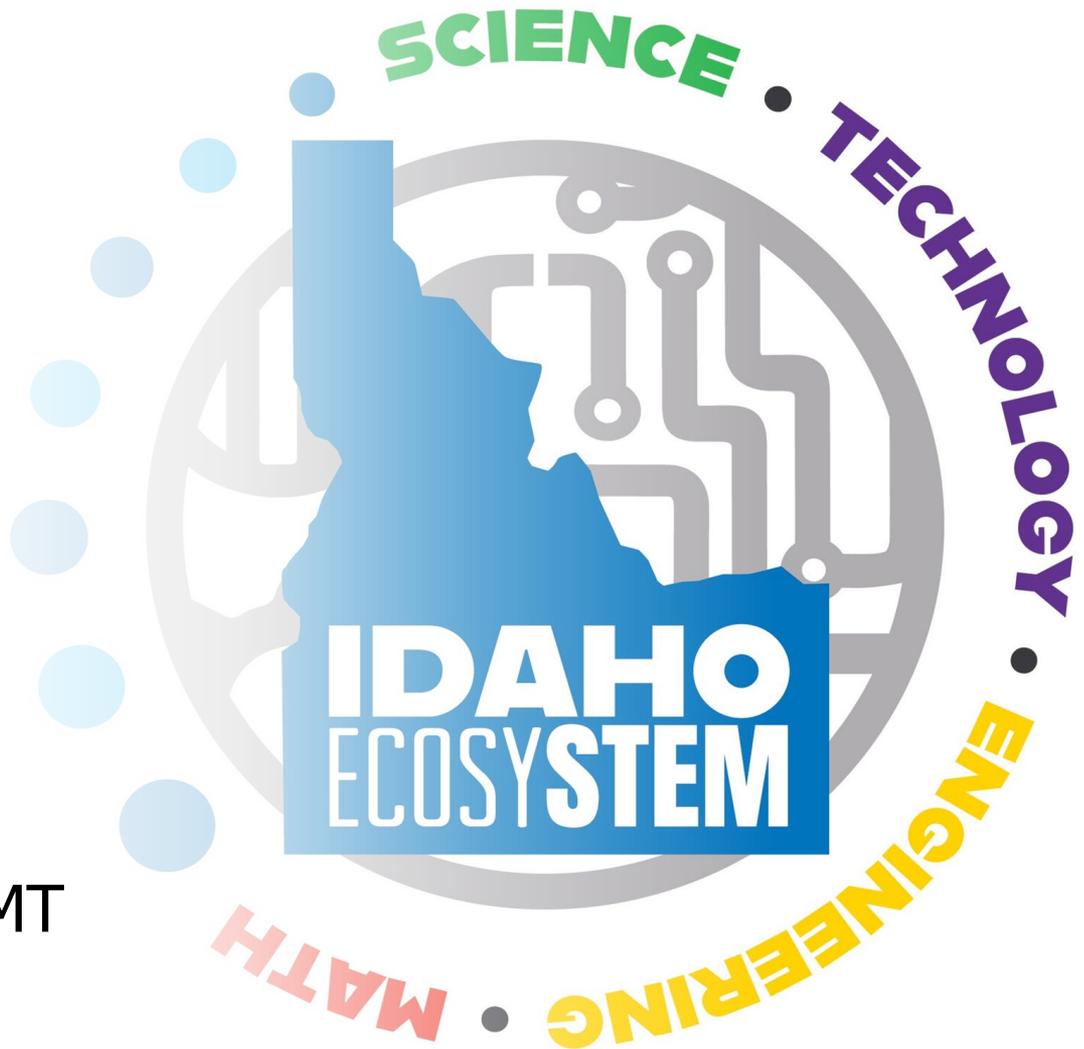




Idaho EcosySTEM New Member Orientation

April 7, 2021

4:30 p.m. – 5:30 p.m. MT





Agenda

- Welcome
- Ice-breaker
- What is a STEM EcosySTEM?
- Why Idaho STEM EcosySTEM?
- Who is involved?
- How to engage?
- Q & A





What region of Idaho are you based in?

- 
- Southwestern
 - Eastern
 - South-Central
 - Northern
 - Central
 - Outside Idaho



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Who do you represent?



- PreK-12
- Higher Education
- Out-of-School Organization
- Non-Profit
- Industry Partner
- State Agency
- Legislator
- The Governor's Office
- Organization
- Association

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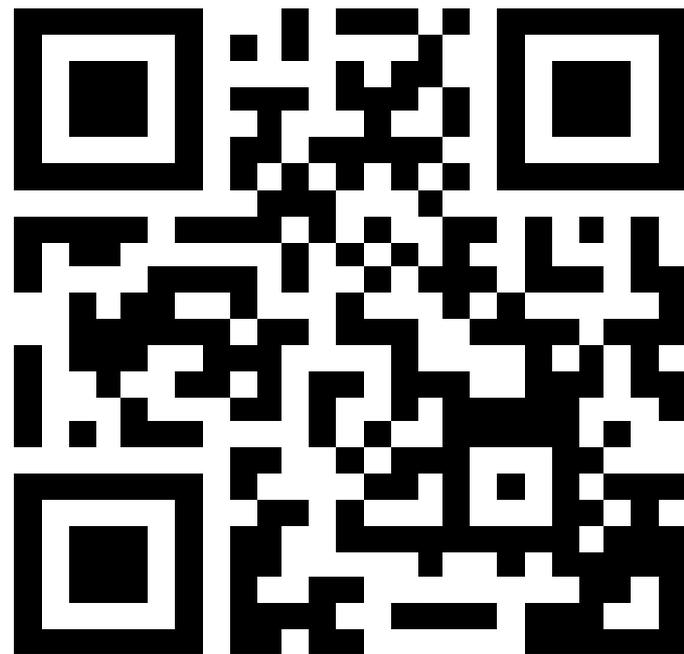
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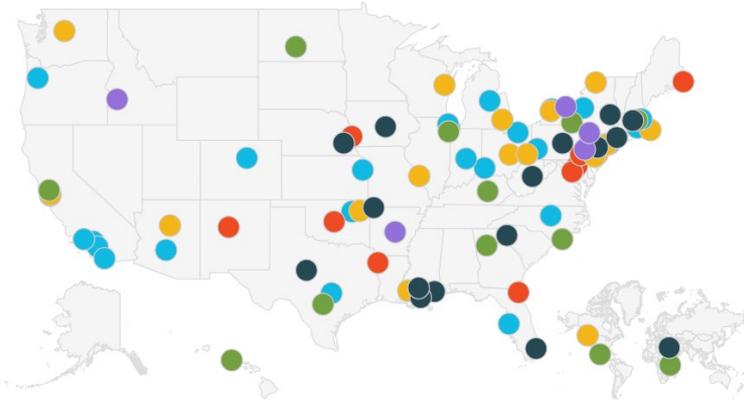
What are you most looking forward to this summer?

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What is a STEM EcosySTEM?

Participating STEM Learning Ecosystems



- STEM Learning Ecosystems provides architecture for cross-sector learning offering all young people access to STEM-rich learning environments so they can develop important skills and engagement in STEM throughout preK-16
- A large international community of practice that includes
 - 94 ecosystems
 - 5 countries
 - 40 million students
 - 1,200 out-of-school partners
 - 4,350 philanthropic, business and industry organizations
- <https://stemecosystems.org/>





Why Idaho STEM 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**

Together, we will focus on:

- Broadening STEM **equity**
- Promoting **access to, alignment with, and awareness of**, STEM education and careers
- Creating successful **metrics** for STEM education and programming
- **Building STEM momentum** within the state and nationally



Idaho EcosySTEM Timeline & Overview

STEM AC applied to become an internationally recognized STEM ecosystem

STEM AC received funding through STEMx for convening

Working groups aligned to strategic priorities meeting regularly

EcosySTEM Survey released

Whole group convening



STEM AC was awarded STEM ecosystem status

First statewide Idaho EcosySTEM Convening

Received NSF INCLUDES Planning Grant to focus on EcosySTEM goals, metrics, communication, & leadership

Discussion of survey results & regional group work

Whole group convening, discussion & next steps



Guiding Aspirational Statement

The Idaho EcosySTEM fosters the integration of STEM experiences for Idahoans, creating problem-solvers and critical thinkers who will sustain and lead our economy.





What are the benefits of an EcosySTEM?



- Network with partners from across the state
- Connect with current and new partners to support STEM programs
- Be recognized as a leader in STEM for Idaho
- Develop the Idaho STEM workforce of today and tomorrow
- Shape Idaho's future

Idaho STEM Action Center as the backbone agency



IDAHO
STEM
ACTION CENTER



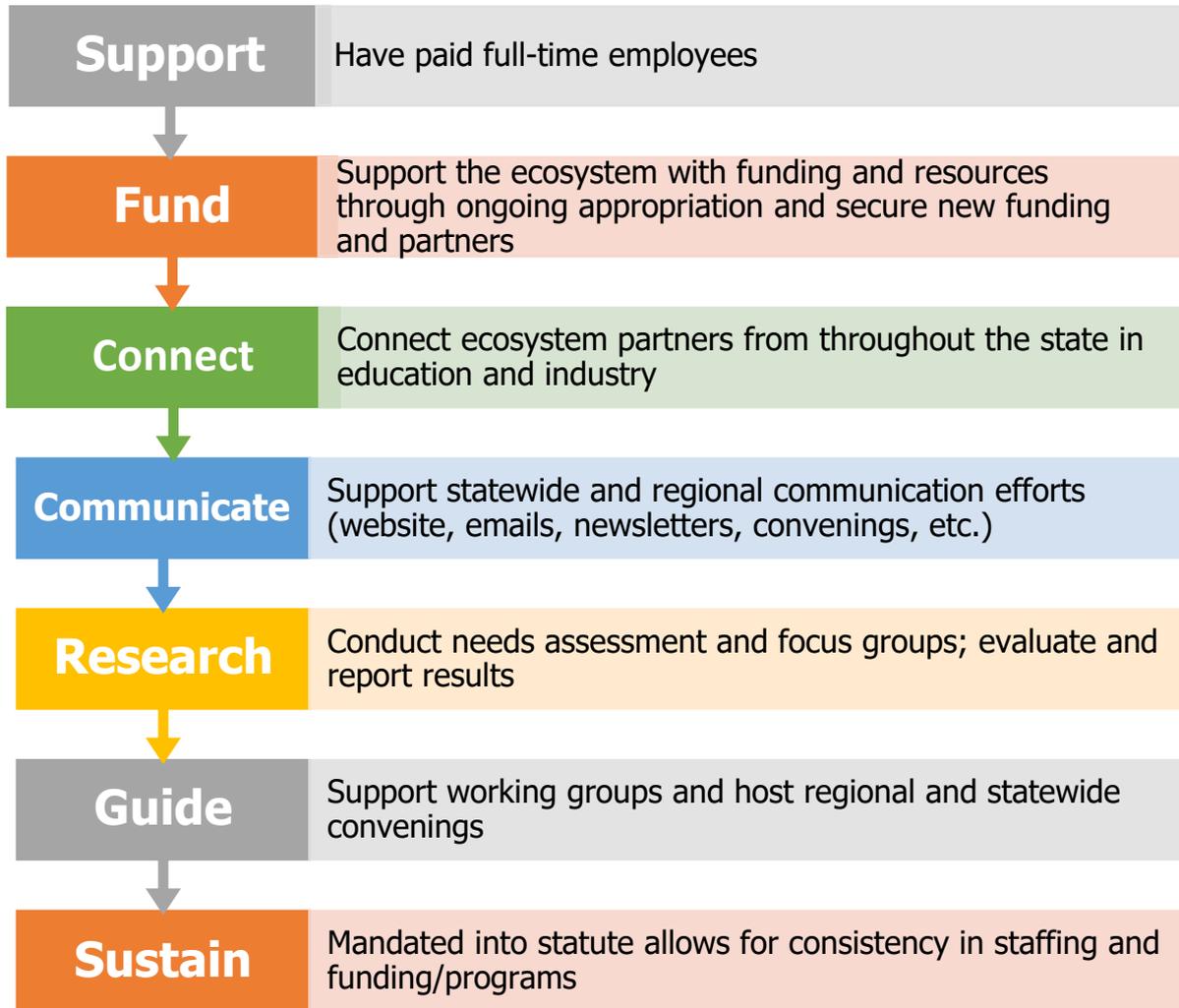
Legislated Goals of STEM AC

- GOAL #1: Advance equitable access to high-quality STEM+CS opportunities for educators, students, and communities
- GOAL #2: Align STEM education and workforce needs throughout Idaho
- GOAL #3: Increase awareness of the importance of STEM throughout Idaho

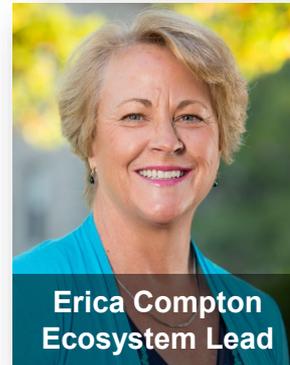




As a state agency we can:



STEM AC Ecosystem Support Team



A STEM ecosystem provides the structure for cross-sector partnerships to improve STEM literacy, ensuring a strong workforce and global competitiveness for all.

Who is in the Idaho EcosySTEM?

Our members include a diverse group of engaged statewide partners ranging from:

- PreK-12
- Higher Education
- Industry Partners
- State Agencies
- Legislators
- Organizations (i.e. Non-Profits, Out-of-School)
- Associations





Engage

Lead Change

Leadership

Shared Vision

Inspire People

Empower People





Strategic Priorities and the Formation of Working Groups



Educator Preparation, Training & Support – Focusing on finding new and better ways to prepare and support PreK-20 educators in STEM education. Building a database of available professional development opportunities for formal and informal educators in Idaho and working on developing materials to showcase the value of implementing STEM education in all disciplines.



Career Pathways & Exposure – Focusing on further developing clear STEM career pathways for Idaho's youth. Building a database of resources to broaden awareness and assist in career pathways and exposure. The intent is to share the database with the larger asset mapping project.



Outreach & Communications – Focused on external communication mechanisms. Provides guidance and insight on newsletter and website as primary mechanism for communication to partners. Provided feedback bright spots to highlight members. Reviewed and provided guidance on survey data.



Access and Equity – Recently completed an educator survey to develop "persona mapping" of underserved student populations. Launching survey shortly and will share out results. Our goal is to identify barriers to access and develop strategies to overcome.

Other ways to Engage!

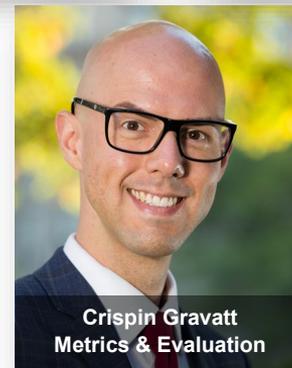
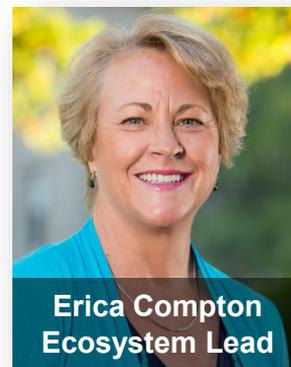
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- Regional Ecosystem Meetings & Groups
- Who is missing? Invite someone who you think should be involved in Idaho EcosySTEM!
- Stay informed by checking out our [Ecosystem website](#) and subscribing to the [Ecosystem newsletter](#)





Contact Us



STEM AC EcosySTEM Support Team



Q & A Time!





solved

idea

See you in the main
convening on the 16th!

