

Idaho EcosySTEM Fall Regional Convenings

September 18, 2020



Agenda for Sept 18

- Welcome: This is STEM! (10 mins)
- Ecosystem Commitment Development Discussion (15 mins)
- Regional Data Presentation (25 mins)
- Break and Giveaway (5 mins)
- Regional Data Discussions (45 mins)
- Prep for Oct Convening (15 mins)
- Closing and Next Steps (5 mins)



EcosySTEM Development Commitment

- In 2021....What is your organization's commitment to supporting STEM education in Idaho/my region/my community?
- In 2022....What is your organization's commitment to helping develop the STEM ecosystem?



The Idaho STEM Ecosystem will foster the integration of STEM in the educational experiences of all Idahoans

EcosySTEM Commitments

- ❖ Commitments are specific and measurable actions taken by community stakeholders in support of achieving the EcosySTEM aspiration. Commitments can be large or small and do not necessarily require large investments or funding. They should represent new work or be additive to existing work, such as expanding a program to a new audience or significantly growing the reach of a program.
- ❖ For our EcosySTEM, a commitment may fall into one or more of these categories:
 1. Education
 2. Partnerships
 3. Equity
 4. EcosySTEM Infrastructure



Idaho STEM EcosySTEM Guiding Aspirational Statement

The Idaho STEM EcosySTEM will foster the integration of STEM in the educational experiences of all Idahoans, leading to the creation of problem-solvers and critical thinkers who will sustain and lead the Idaho economy of the future.



EcosySTEM Commitment Categories & Examples

Education - How will your organization support the EcosySTEM's aspiration?

- Ex 1: We will host/sponsor three camps on coding for a total of 100 girls during the summer of 2021.
- Ex 2: We will provide a total of 100 hours for employees to volunteer as mentors or guest speakers in local schools.
- Ex 3: We will increase the number of underserved students in STEM education by 15% in 2021.



EcosySTEM Commitment Categories & Examples

Partnerships - How will your organization develop new, or enhance existing, collaborative opportunities in your community, region, or the state?

- Ex 1: We will develop a partnership with a local STEM business to provide classroom mentors for 10 elementary educators.
- Ex 2: We will continue to partner with five school districts to implement STEM specific initiatives, impacting over 3000 elementary students by summer 2021.



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EcosySTEM Commitment Categories & Examples

Equity - How will your organization work to close the gaps that exist in STEM education and workforce development?

- Ex 1: We will increase the number of underserved students in STEM education by 15% in 2021.
- Ex 2: We will offer community engagement activities for families in three rural communities in spring of 2021 that will impact 95 elementary students.



EcosySTEM Commitment Categories & Examples

EcosySTEM Infrastructure - How will your organization support the governing structure development of the Idaho STEM EcosySTEM?

- Ex 1: A representative from our organization will serve on the EcosySTEM leadership board for one year.
- Ex 2: We will host an EcosySTEM convening in spring 2021.



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Draft EcosySTEM Commitment:

“Idaho STEM Action Center commits to serving as the backbone organization of the Idaho STEM EcosySTEM and through this work will bring together stakeholders from across the state to work towards an equitable STEM education plan for PreK-20.”



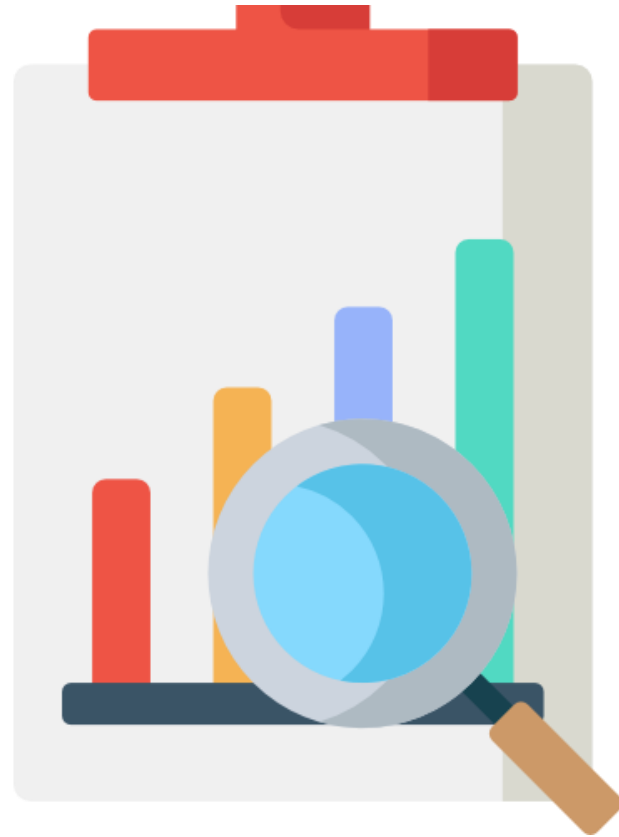
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SURVEY DATA PRESENTATION

MORE Survey data - what we've learned so far

- **Note:** More complete data is still forthcoming- this is a preliminary overview to help facilitate discussion
- Data overview of highlights from open-ended/list responses analyzed by region (1&2; 3&4; 5&6)
- Next steps are focus groups & interviews – more info coming soon



Break



See you in 5 minutes!

Welcome Back – Time for a Giveaway!



“Who am I” Game



We will show you a series of images



After the 1st image, we will provide a clue after each corresponding image until someone guesses correctly



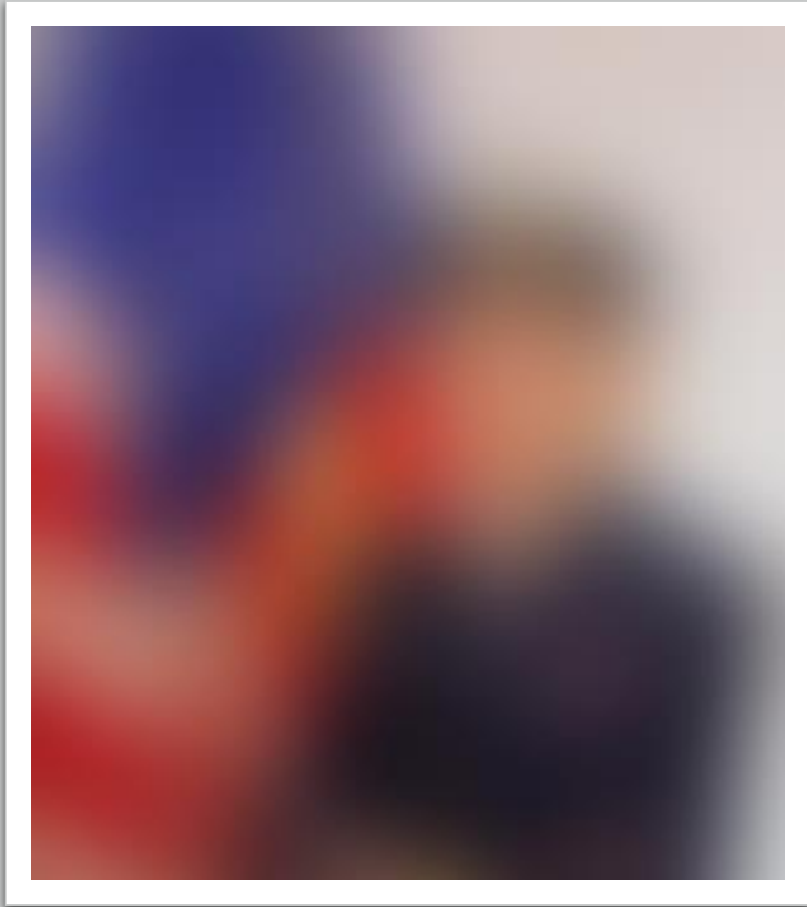
The first person to guess the image correctly will win a prize!



You must submit your answer through the chat (make sure “everyone” is selected)



Only one answer per person...so choose your answer carefully



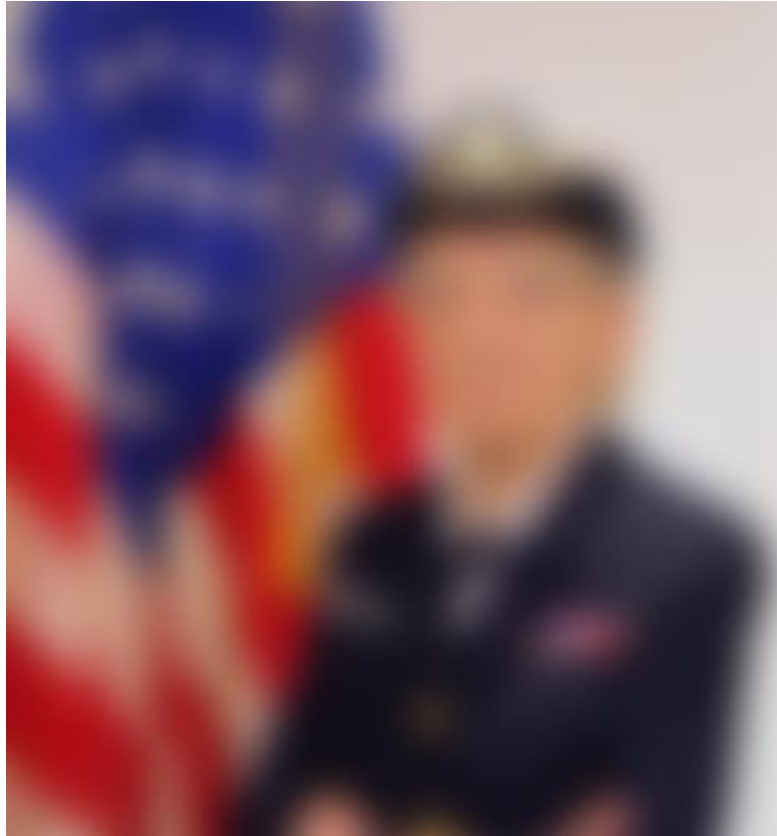
Who Am I?



I was a Rear Admiral in the U.S. Navy & earned a Ph.D. in Math from Yale in 1934.



I am credited with coining the term "Bug" And "De-Bug" as related to computer errors





I helped develop the
Cobol programming
language and invented
the first compiler



I am...
Admiral Grace
Hopper

Regional Discussions Based on Survey Data and Needs

- Describe the work your organization is doing related to STEM, the EcosySTEM, education, or other engagement.
- What could STEM AC do to help scale/support/connect the regional work that is already happening?
- What do you hope comes next for your org/region/the EcosySTEM?



October 30 Whole Group EcosySTEM Meeting



- Please **share the survey** broadly:
<https://www.surveymonkey.com/r/QFYLLKZ>
- Groups will focus on: goals, metrics, communication, organization/leadership of statewide EcosySTEM (per NSF grant requirement) and discuss ecosystem commitments
- Who in your community is not at the meeting or in the EcosySTEM, that should be?
 - Please invite them to join – we will also host a new member orientation!
- Regional Ecosystem **Planning Grants** will be unveiled and made available at the meeting....more to come!



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Questions?
Comments?





This is STEM Video

Meeting materials
will be posted to:
[https://stem.idaho.
gov/idaho-stem-
ecosystem/](https://stem.idaho.gov/idaho-stem-ecosystem/)

