

# Idaho EcosySTEM Fall Regional Convenings

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September 17, 2020



This  
meeting is  
being  
recorded

- This convening is being recorded to provide reference data to develop the Idaho STEM Ecosystem. This information will not be made public but will be kept on STEM AC's internal servers.
- Chats are NOT being recorded.



**IDAHO**  
**STEM**  
ACTION CENTER

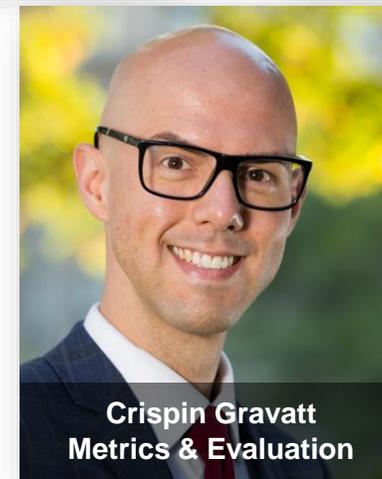
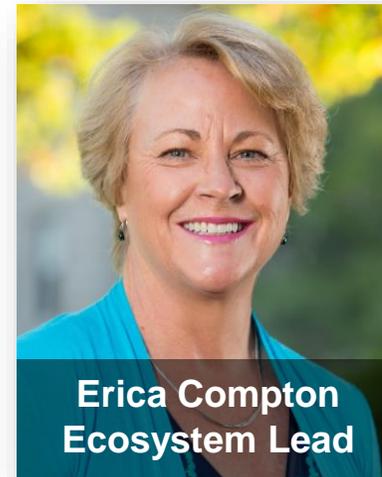
# Agenda for Sept 17

- Welcome and Virtual icebreaker (10-15 mins)
- Framing the goal of the meeting (20 mins)
- Survey data presentation (15 mins)
- Break (5 mins)
- Discussion and feedback on survey findings (45 mins)
- Communication & Communication Strategy Discussion (15 mins)

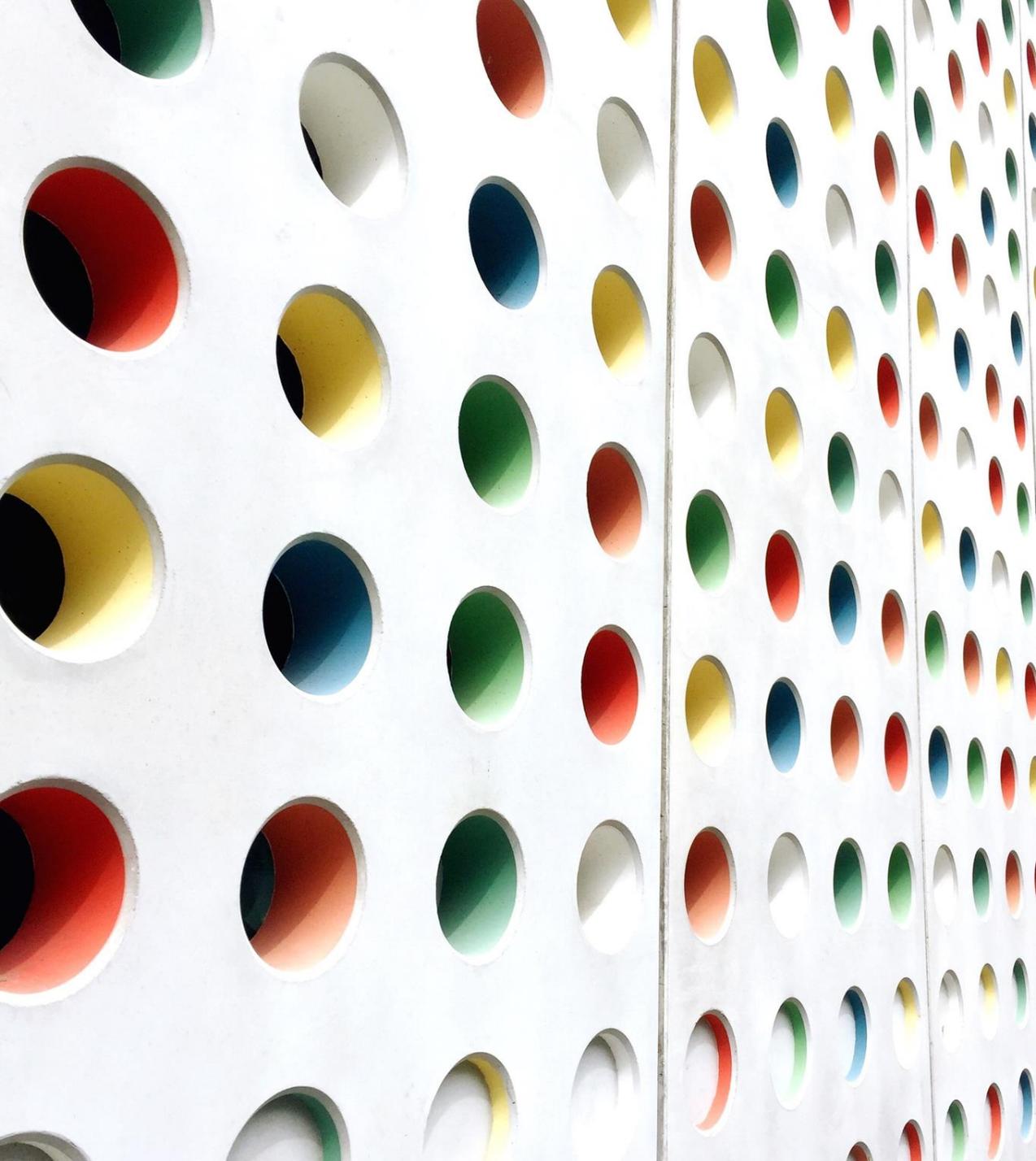


The Idaho STEM Ecosystem will foster the integration of STEM in the educational experiences of all Idahoans

# 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.



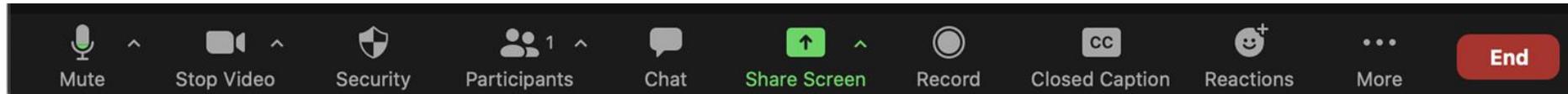
# Basic Zoom Tips & Controls

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ECOSYSTEM PLANNING MEETINGS

# Basic Zoom Controls

The control panel will appear at the bottom of your screen.



- **Mute/Unmute:** This allows you to mute and unmute your microphone
- **Start/Stop Video:** This allows you to start and stop your own video.
- **Participants:** This opens up your participants window so you can see who is in the meeting
- **Chat:** This opens up the chat feature. You can chat with the host, everyone, or send a private chat
- **Share Screen (Enabled for Hosts Only):** Click on this icon to start sharing your screen. You will be able to choose an application or a screen you would like to share.

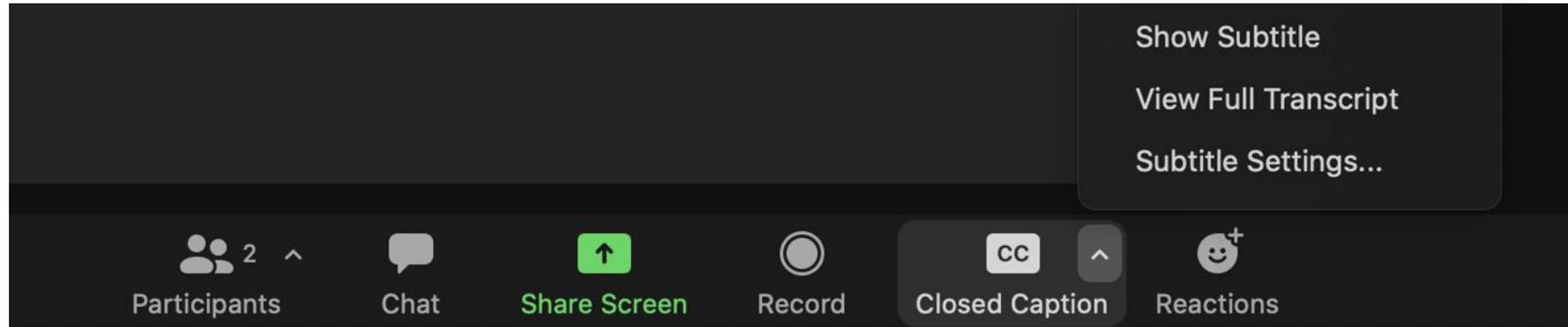
**Note:** the controls will sometimes auto-hide, so you may have to 'mouse-over' the bottom of the screen



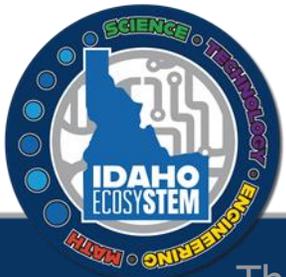
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# Additional Zoom Controls

- **Closed Captioning:** To enable, click the closed captioning icon and choose “show subtitles”.

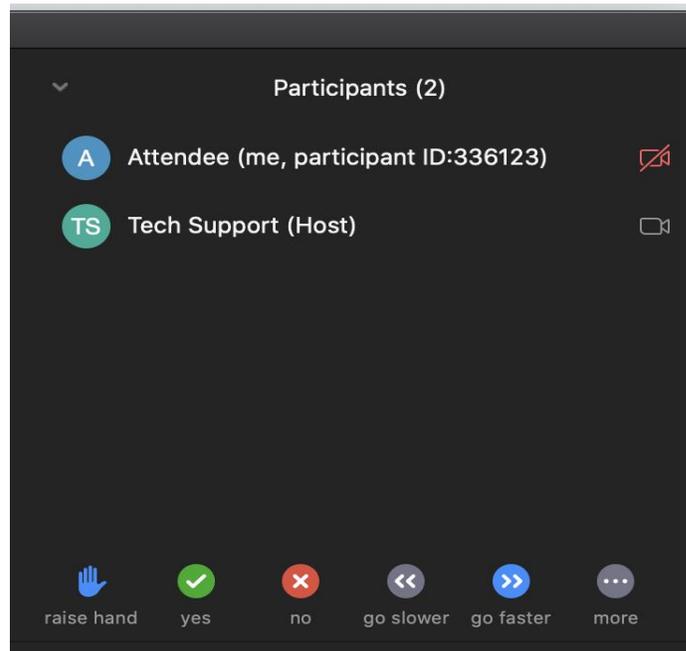


- **Reactions:** Allows you to ‘react’ using emojis (ie thumbs up, happy face, clap). Any Reactions you choose will show up in your individual picture window. Reactions are different than the non-verbal feedback icons. See next slide for details.



# Zoom Nonverbal Feedback

- **Nonverbal Feedback:** To enable, click your 'participants' button and locate the nonverbal buttons at the bottom of the breakout window.

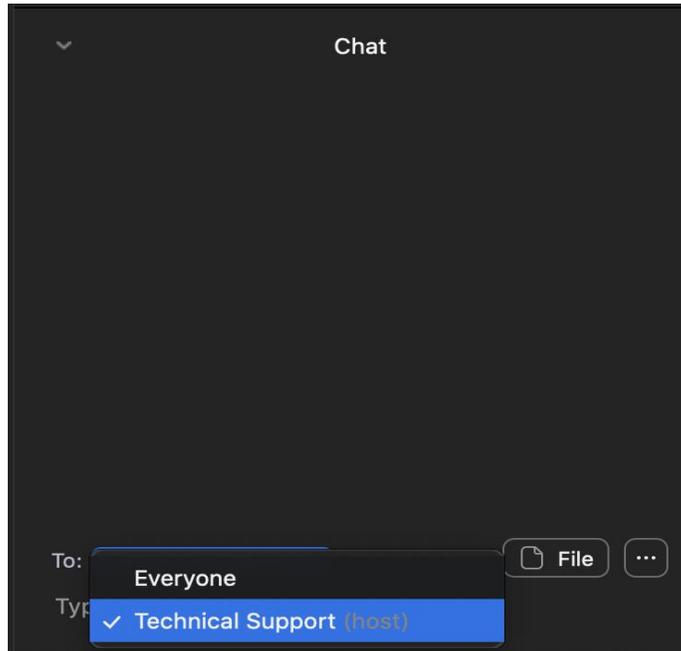


- **Raise Hand:** Simply click the raise hand icon and our moderators will be notified. Your hand will stay raised until your question has been addressed.
- **Yes/No:** When asked a simple question, you can click the Yes or No icons to answer.
- **Go Slower/Faster:** During a presentation you can ask the presenter to go faster or slower based on your experience.



# Additional Chat Controls

- **Chat Feature:** Once you opened the chat feature, you can chat with the host, everyone, or send a private chat. See below for a screenshot example.



- **Everyone:** Will broadcast your chat to everyone in the room
- **Host:** Will only broadcast your message to the meeting host
- **Private:** You can select an individual to chat with by selecting their name. Your chat will be sent as private and you will see a **(private)** next to the chat.



# Online Technical Support During Meetings

**Technical support:** Support moderators will be on hand during the meetings and can be accessed through the chat feature. Look for the moderators with “Tech Support” in their name. For all additional technical support questions please call (208) 376-0464.

For more information regarding this event please visit

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

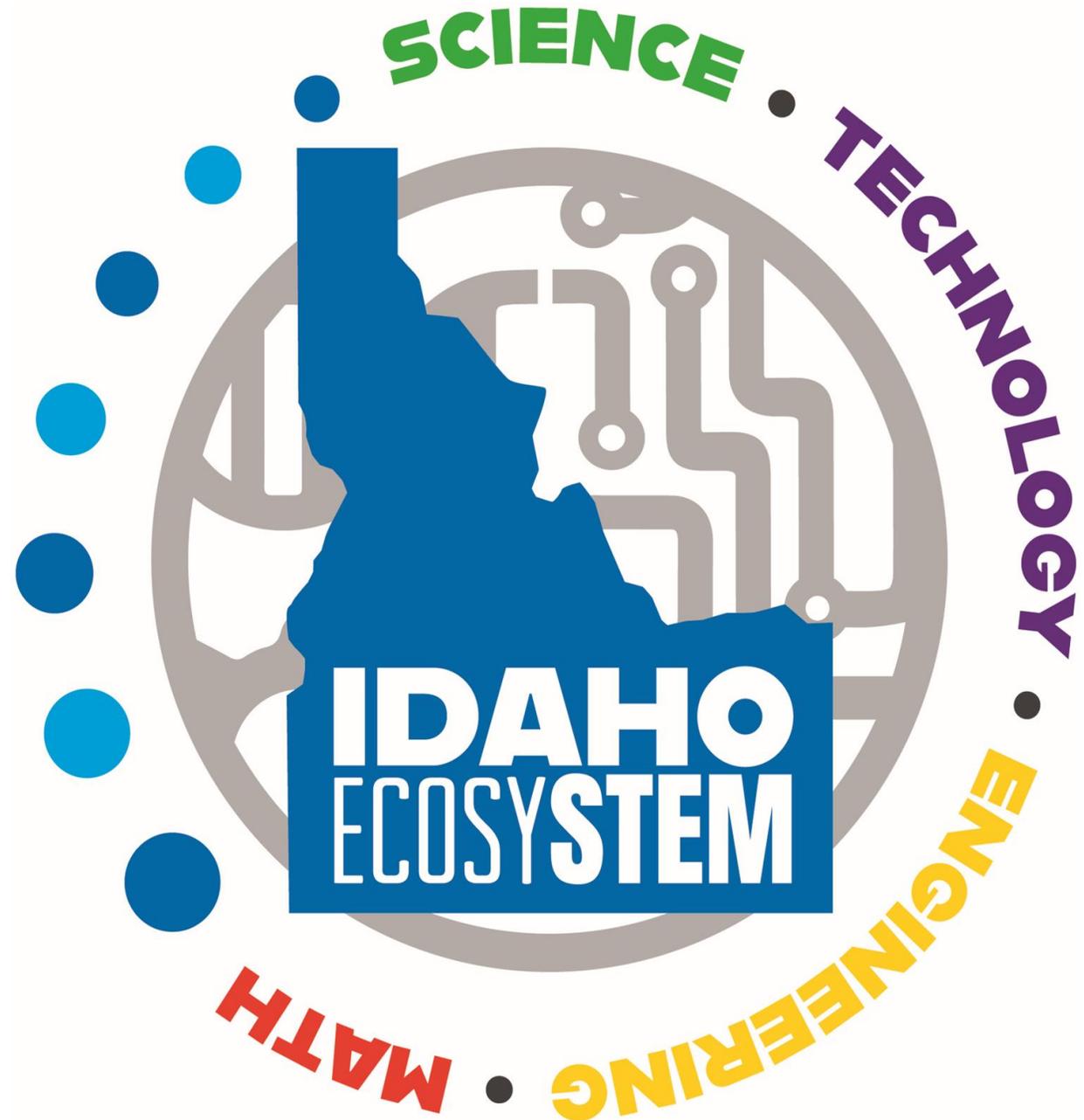


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# Meeting Norms

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- We participate as equals with shared responsibility for the outcomes
- We communicate openly, honestly, and respectfully
- We listen as allies
- We stick to the agenda
- We have no hidden disagreements or questions; if we disagree, we do so with grace and tact
- We help each other learn
- We show up on time and prepared





# BREAKER

## Introduction to Sli.do

1. What are you most looking forward to in 2021?
2. In one word, what have you learned since February?





# Intended Outcomes



# Idaho EcosySTEM Timeline & Overview



## **Guiding Aspirational Statement from January Convening**

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.

# **Idaho STEM Ecosystem Design Studio**

**January 16, 2020 | Boise State University**

### **Intended Outcomes**

- Develop a shared understanding of the importance of ecosystem approach to goals
- Craft shared goals, aspirations, indicators of success for Idaho STEM Ecosystem
- Identification of constraints that stand in the way of success for Idaho
- Development of outline of action plan for Idaho, including identification of priorities, work groups, general governance structure and timeline

# Framing the Goal of the Meeting

**What do you hope the Idaho STEM Ecosystem can do for you, your organization, and/or your region?**

- Funding for STEM opportunities
- Networking with other STEM educators and professionals
- Stronger connections between in and out of school education opportunities
- Stronger connections between PK12 education and higher education/career opportunities
- Discussion and work related to policy and governance
- Other



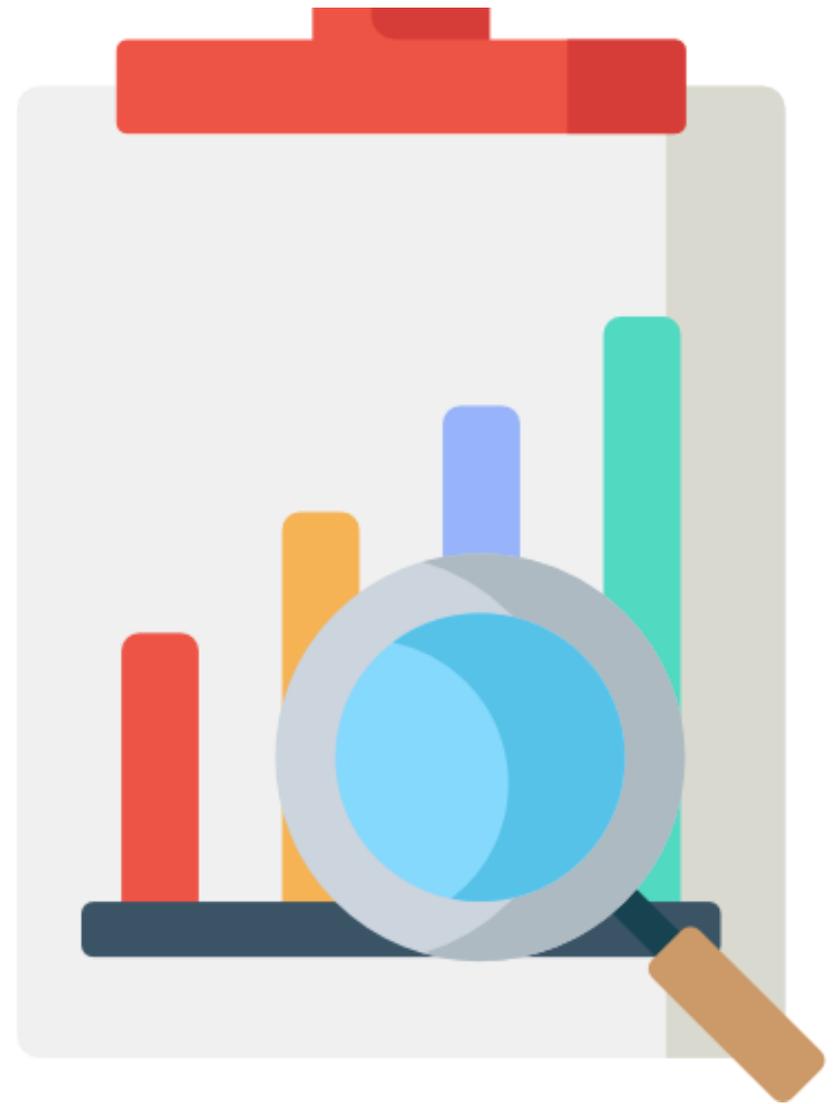
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# SURVEY DATA PRESENTATION

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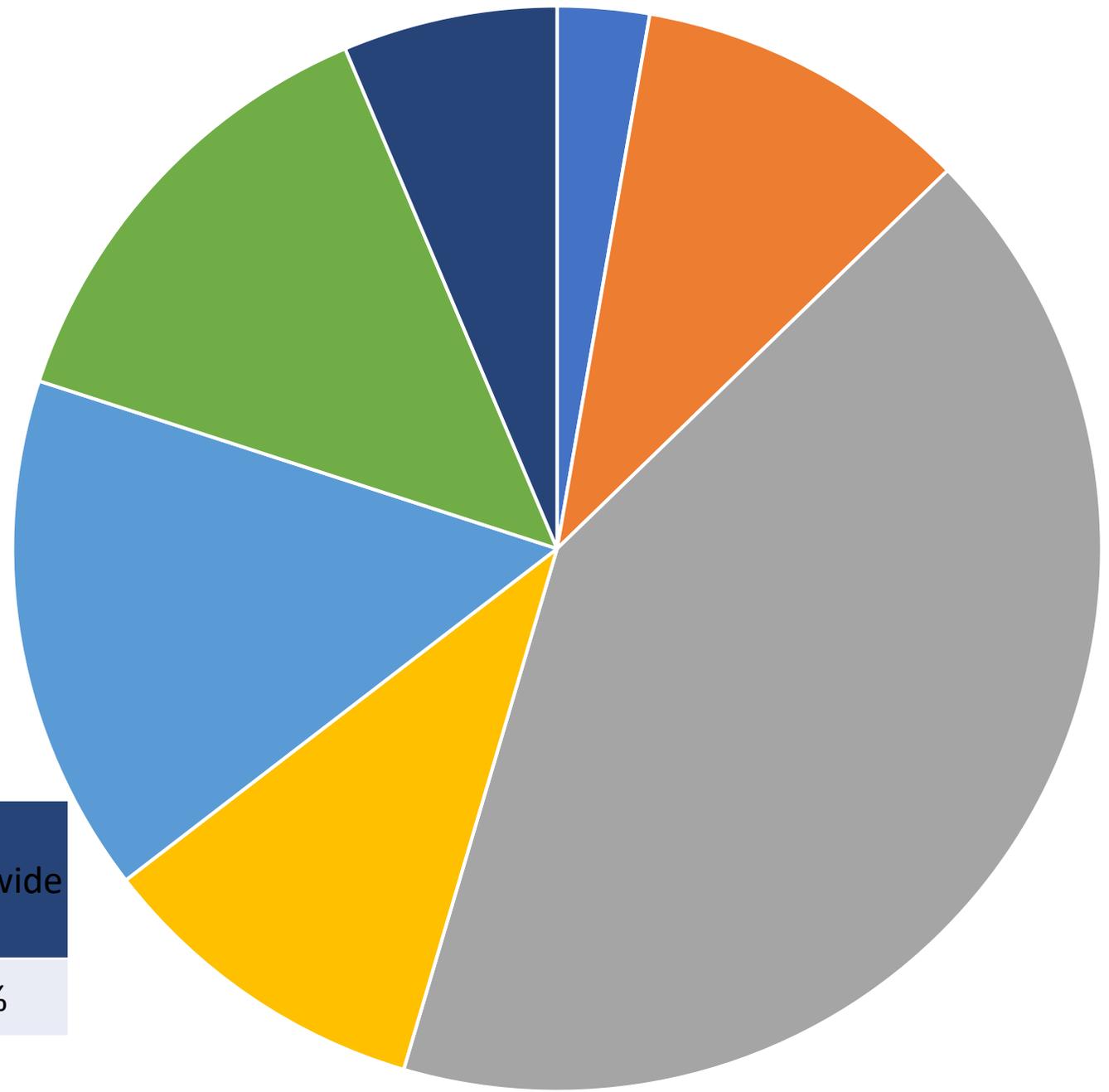
## 15 mins - Survey data presentation - what we've learned so far

- **Note:** More complete data is still forthcoming- this is a preliminary overview to help facilitate discussion
- Data overview of Likert scale questions, highlights from open-ended/list responses; including regional comparisons
- Next steps are focus groups & interviews – more info coming soon



# Who gave input?

In which geographic region is your organization located?

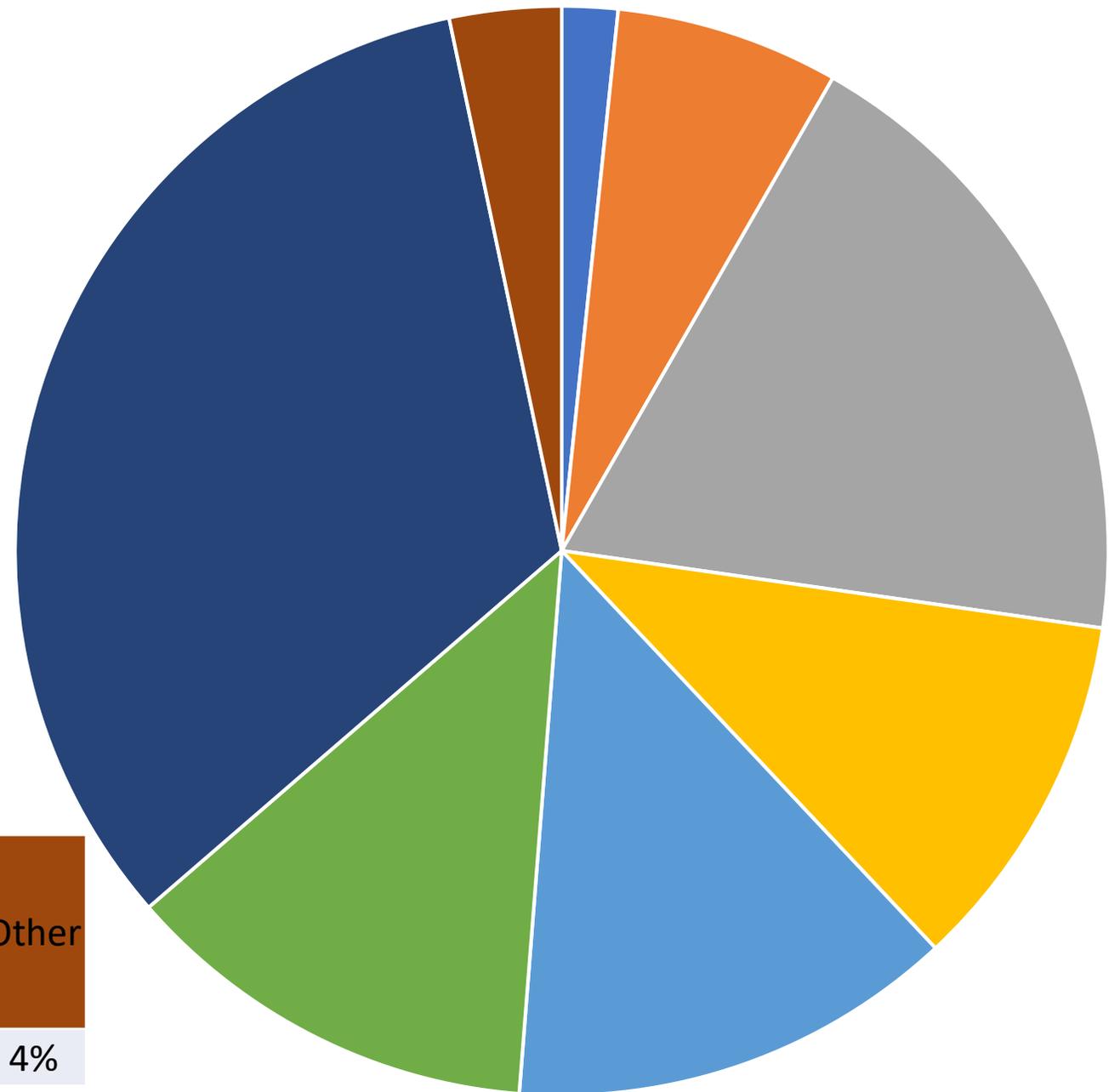


■ Region 1 ■ Region 2 ■ Region 3 ■ Region 4 ■ Region 5 ■ Region 6 ■ Statewide

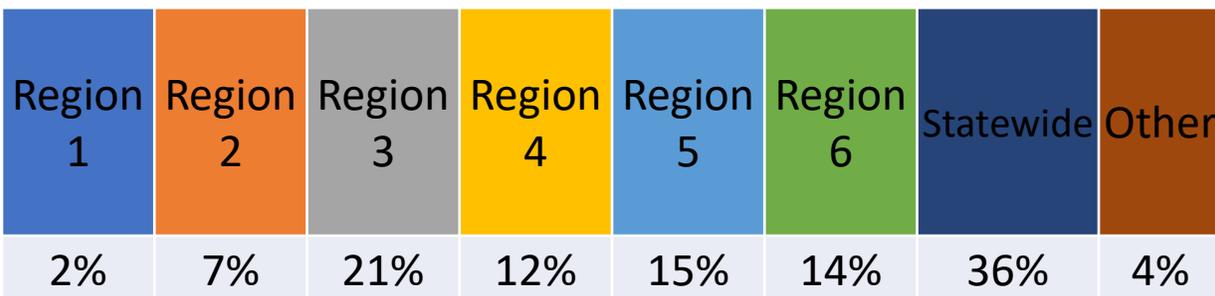
Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Statewide
3%	10%	42%	10%	15%	14%	6%

# Who gave input?

Which geographic region(s) does your organization serve?

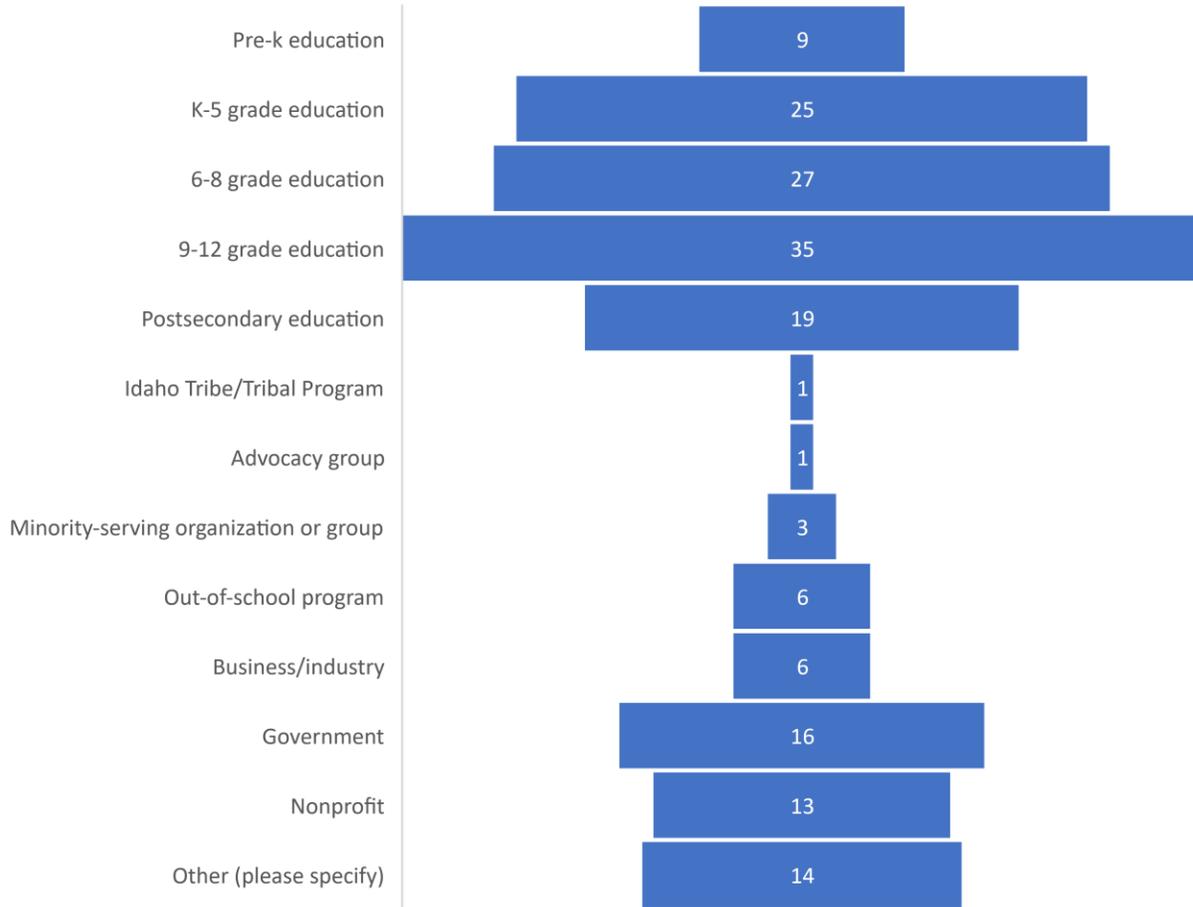


■ Region 1 ■ Region 2 ■ Region 3 ■ Region 4 ■ Region 5 ■ Region 6 ■ Statewide ■ Other (please specify)

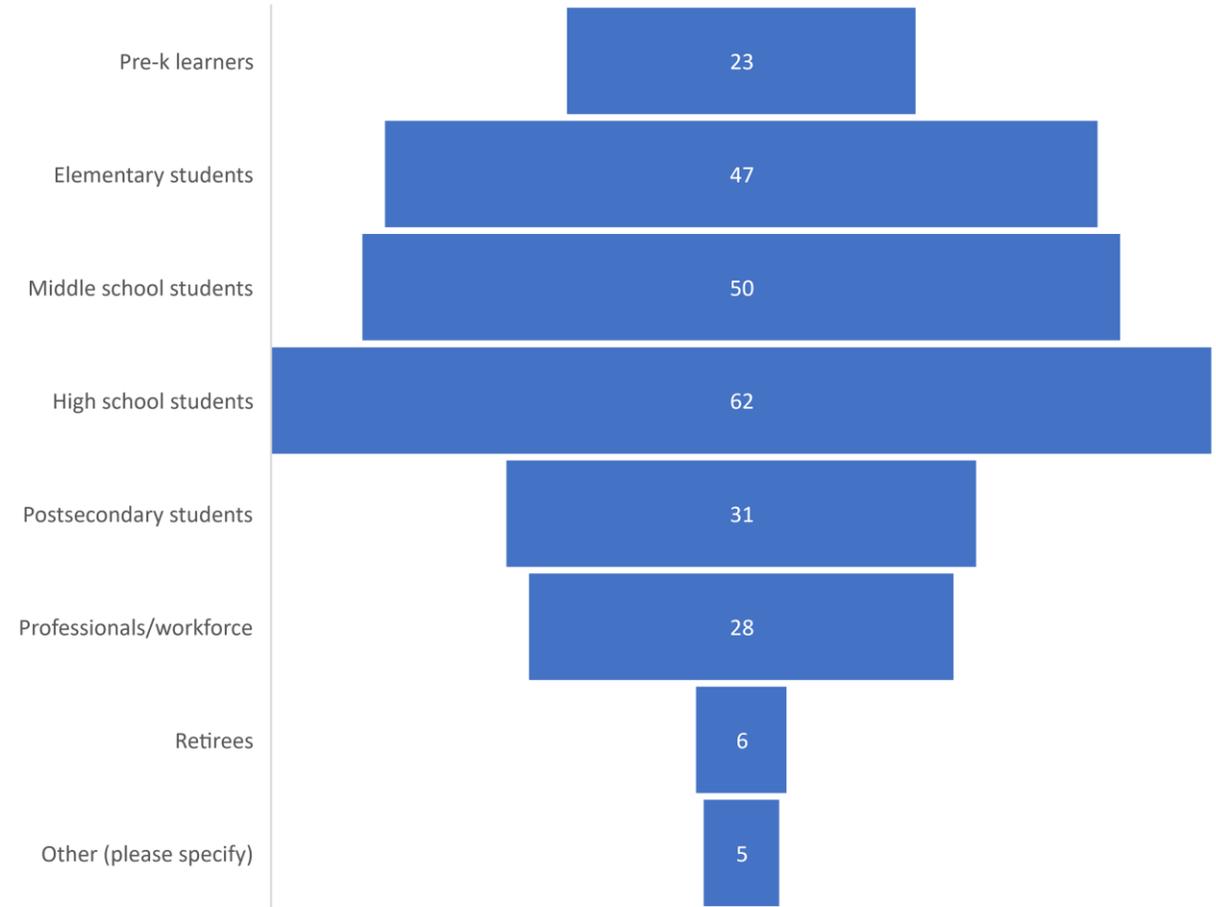


# Who gave input?

Which description best fits your organization?



Which age ranges does your organization primarily impact?



# Strongest STEM supporters or implementers in your community

Industry	29%
Post-secondary	17%
STEM AC	8%
OoS	18%
School	13%
Other	15%

Schweitzer Clearwater Seekins Pri Lewis-Clar Lewiston I Valley Boy Head Start Healthcare Boat Mani Avista Util  
 Technical Idaho Natl Naval Rear Bureau of National Fildaho Fish Goshen N Idaho Stat College of Battelle Er  
 STEM Acti INL BSU Engineerin Reuseum HP Women VR Tech Lc Meridian L Eastern Id ISU  
 College of STEM Acti K-12 STEM Boise Stat NNU College of TVSTEM Discovery First Robo local high  
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 Grangeville Grangeville Clearwater Clearwater Elk City Sct Kids Klub Grangeville Centennial Library  
 Micron BSU DCI STEM AC Our local s Idaho Afte HP and software engineers (Hour of Code)  
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 Caldwell C House of CWI TVCC Micron HP  
 CTE Stem Actio SDE Idaho Legi IETA ISAS  
 ISU STEM Museum o First Robot Bengal STE Super STEM ISTEM  
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 Public Libr School Libr Idaho Out Idaho STEI Boise Stat Uo of Extension - 4H  
 Idaho Stat ON Semicc School Dis 4-H INL  
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 University North Ida Silver Lake Idaho Natl Jump Center  
 Emmett Hi Gem Coun Idaho Bird University NASA Ames Center  
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 Preschool age kids and Mom  
 I coordinate STEM programming with our students  
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 Future Citi Science O Boise State University  
 Oneida County Library  
 Local Farm INL BYU-Idaho  
 STEM Acti Boise State University  
 Vista Outd Schweitzer Engineering Laboratories  
 K-12 Schoc Public Library  
 Idaho Stat INL ON  
 School  
 BSU stem Stem action center  
 Children's CSI Discovery Center  
 Salmon Pu Computer Zen  
 Idaho Stat INL  
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 Burley Pub Cassia County School District  
 All college High Schools  
 School Dis Public Libr Economic Development Organization  
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 STEM Action Center  
 Century 2 Library  
 JR Simplot Elementary School  
 STEM Action Center  
 university o moscow school system  
 ION STEM AC  
 Idaho STEI Idaho Career and Technical Education  
 State Department of Education  
 Schools  
 DOT Foods - supporter  
 Lewiston City Library  
 Blaine Cou Hailey Pub Community Library  
 College he High School Health programs  
 Tribes University of Idaho  
 STEM Acti Micron

My community knows what STEM <u>means</u> .	My community shows <u>interest</u> in STEM.	My community <u>values</u> STEM skills.	STEM <u>careers</u> are available in my community.	My community understands that STEM is important to its <u>long-term</u> economic health and prosperity.
3.94	4.01	4.09	3.98	3.67
78.85%	80.19%	81.73%	79.62%	73.40%
0.87	0.83	0.81	0.97	0.95

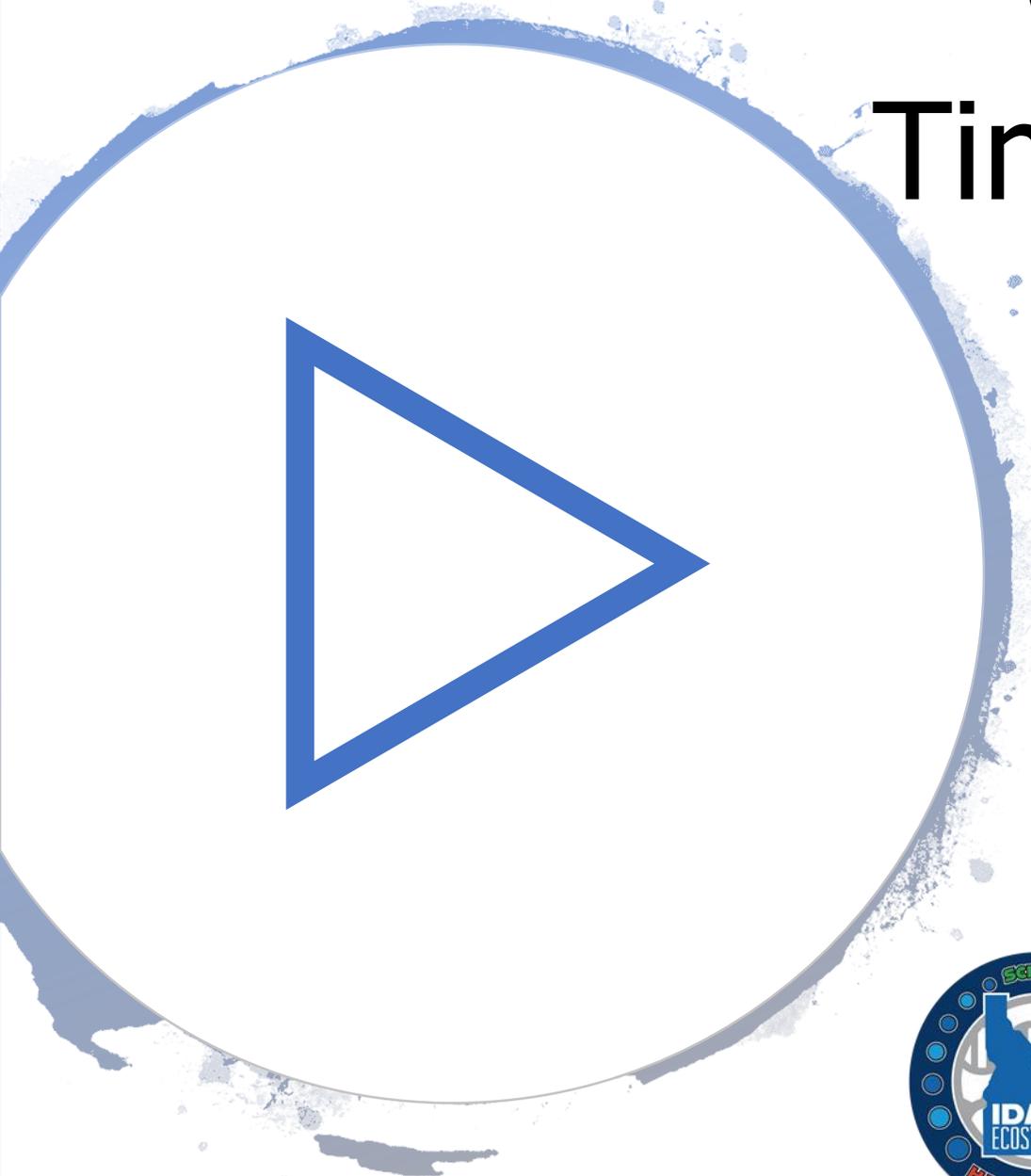
My community has available <u>infrastructure</u> to support STEM opportunities .	My community has <u>technology</u> available to support STEM opportunities.	My community has <u>funding</u> available to support STEM opportunities.	My community has <u>human power</u> available to support STEM opportunities.	My community has <u>leadership</u> available to support STEM opportunities.
3.53	3.54	3.24	3.61	3.73
70.58%	70.87%	64.71%	72.12%	74.56%
0.99	0.97	1.05	0.95	0.87

# Intro of Think Make Create as Possible Ecosystem Project

Followed by 5 min- Break with TMC Video



# Welcome Back – Time for a Giveaway!



# “Who am I” Game



We will show you a series of images



After the 1<sup>st</sup> 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



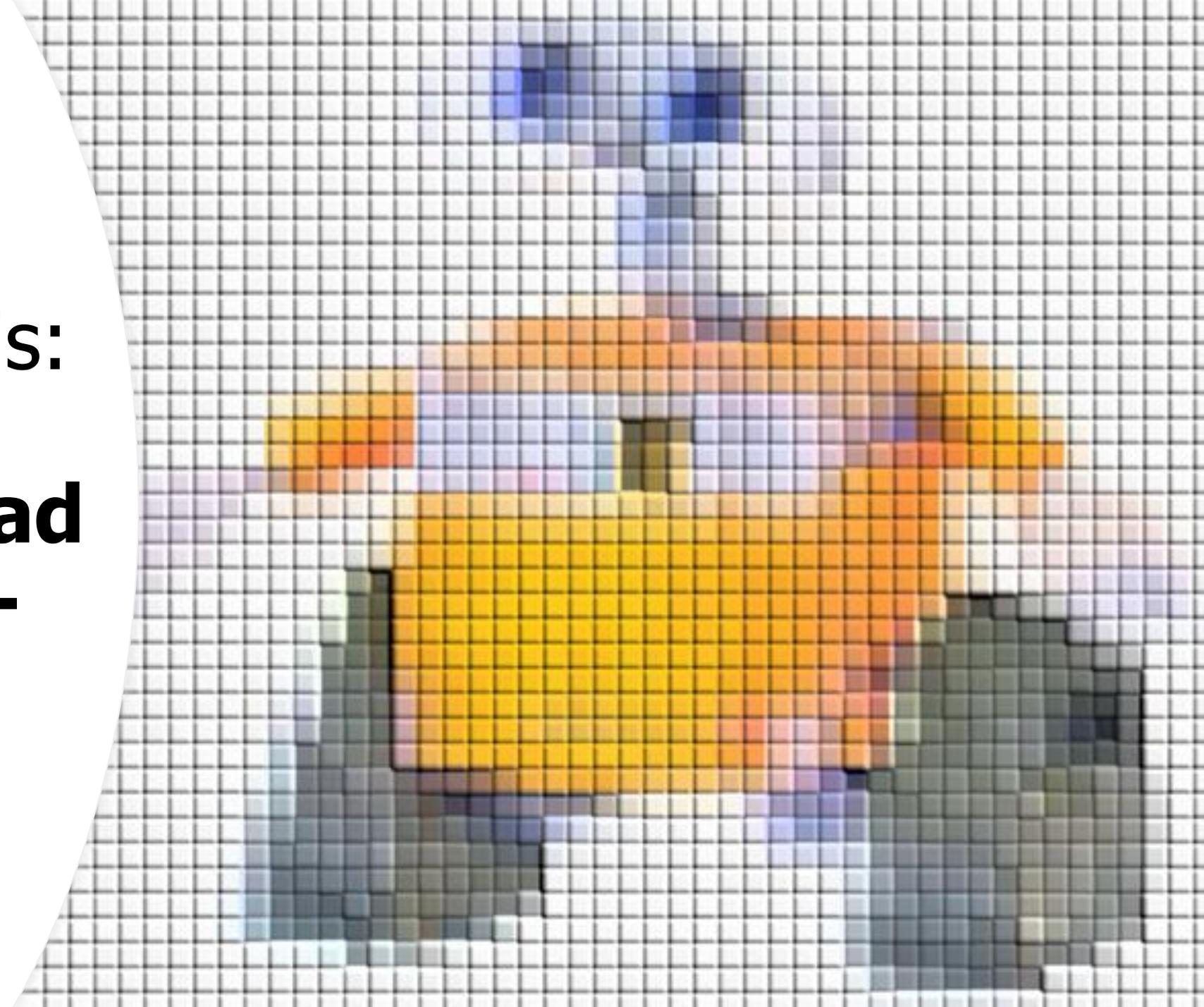
# Who Am I?



I am powered  
by the Sun.



My real name is:  
**Waste  
Allocation Load  
Lifter Earth-  
Class**



I am...  
**WALL-E**



# Discussion and Feedback on Survey Findings

## Discussion questions/ideas:

- What are your initial thoughts about the quantitative survey data?
- Does it reflect or differ from your experience in your community?
- What is incomplete, unclear, or missing?
- Are there any questions or topics we didn't ask, but should?



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# Working Group Updates



1

**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.

2

**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.

3

**Outreach & Communications** – Focused on newsletter and website as primary mechanism for communication to partners. Provided feedback bright spots for the newsletter and website. Reviewed and provided guidance on survey data.

4

**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.

# Communication & Communication Strategy Discussion



- Current modes of communication:
  - Newsletter;
  - Working groups;
  - Website;
  - Convenings/Meetings
- Discussion topics/questions:
  - How often do you want to hear from the EcosySTEM?
  - What would make communicating with the EcosySTEM easier for your organization?
  - What is the best way for STEM AC to find out information about your organization?
  - Who from your community is not at the meeting or in the EcosySTEM that should be?

# Wrap Up

**Today:** History &  
Quantitative Data

**Tomorrow:**  
Qualitative Data by  
Region plus grant  
opportunity and more!!



*That's all Folks!*  
*See you tomorrow!*