

ECOSY

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DAY 2

The Power of Partnerships



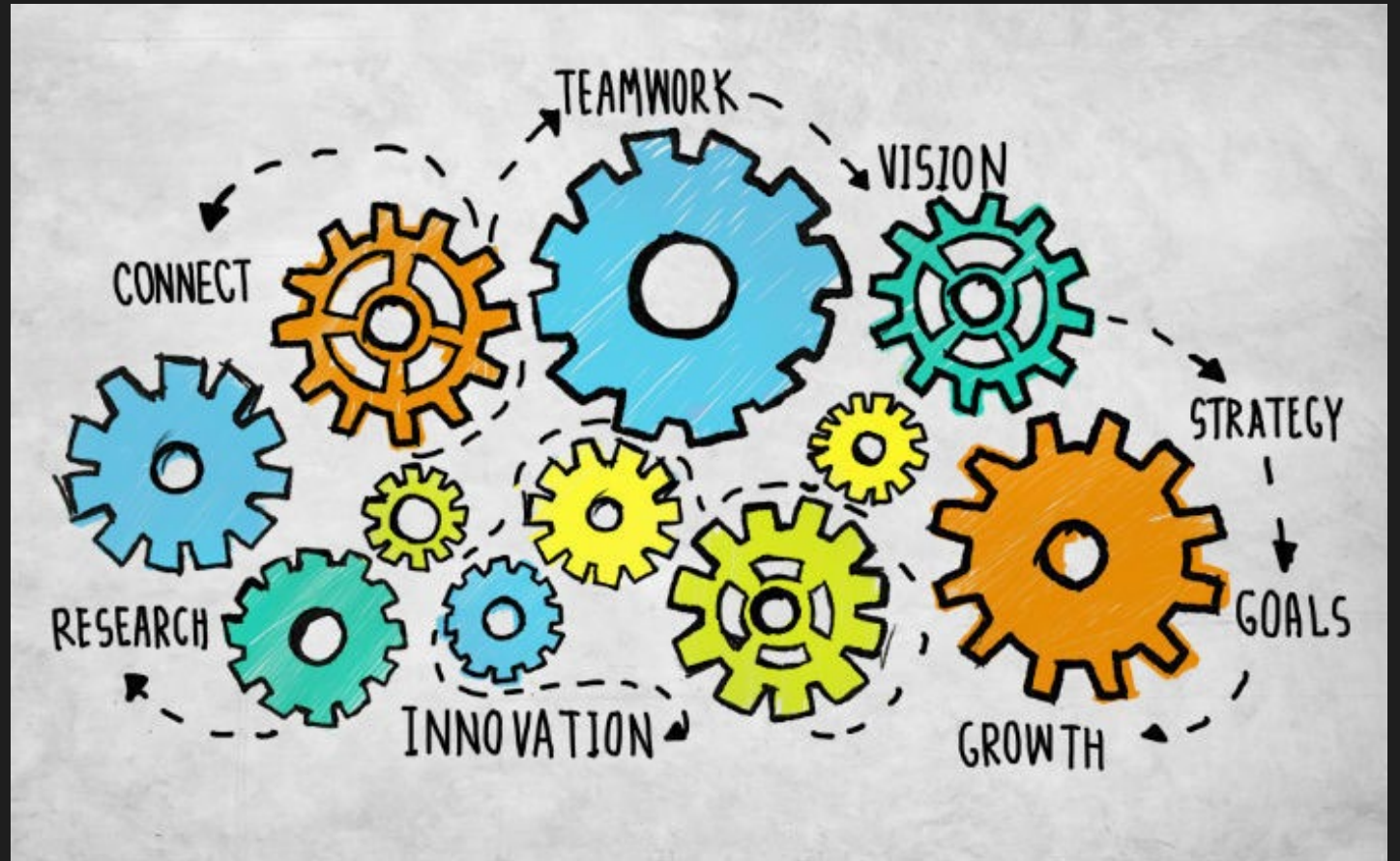
A rising tide lifts all boats

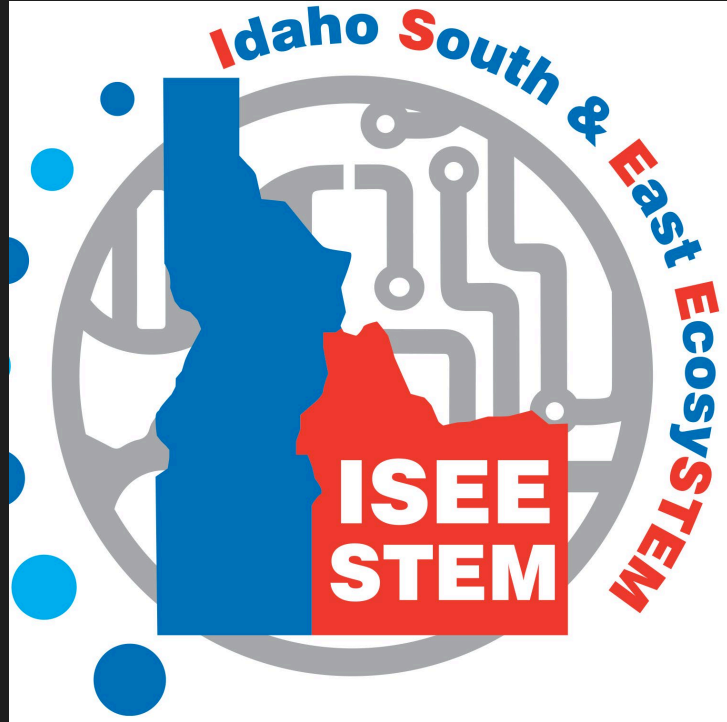
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**Samuel N. Penney, Chairman
Nez Perce Tribal Exec. Committee**

Working Group Updates





Regional Hub Updates

Overview <=> History <=> Goals <=> Bright Spot

CSOs are students in grades 6-12 who serve as STEM ambassadors and liaisons for STEM opportunities in their communities.





BREAK





TOPICAL SESSIONS



FUNDING & SUPPORT

FEDERAL



CHARTING A COURSE FOR SUCCESS: AMERICA'S STRATEGY FOR STEM EDUCATION

A Report by the
COMMITTEE ON STEM EDUCATION
of the
NATIONAL SCIENCE & TECHNOLOGY COUNCIL

GOALS FOR AMERICAN STEM EDUCATION

- ★ Build Strong Foundations for STEM Literacy ★
- ★ Increase Diversity, Equity, and Inclusion in STEM ★
- ★ Prepare the STEM Workforce for the Future ★

Pathways	Objectives	DOC	DoD	DOE	DHS	DOI	DOL	DOS	DOT	ED	EPA	HHS	NASA	NSF	SI	USDA
Develop and Enrich Strategic Partnerships	Foster STEM Ecosystems that Unite Communities	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Increase Work-Based Learning and Training through Educator-Employer Partnerships	•	•	•	•	•	•			•	•	•	•	•	•	•
	Blend Successful Practices from Across the Learning Landscape	•	•	•	•		•	•		•	•			•	•	•
Engage Students where Disciplines Converge	Advance Innovation and Entrepreneurship Education	•	•	•				•		•	•	•		•		•
	Make Mathematics a Magnet	•	•							•				•		•
	Encourage Transdisciplinary Learning	•	•	•	•	•		•		•	•	•	•	•	•	•
Build Computational Literacy	Promote Digital Literacy and Cyber Safety	•	•		•			•		•		•		•		•
	Make Computational Thinking An Integral Element of All Education	•	•	•	•	•				•		•		•	•	•
	Expand Digital Platforms for Teaching and Learning	•		•	•			•		•				•	•	•

The table above lists the educational pathways and objectives under this strategic plan and the Federal departments and independent agencies that have STEM education programs, investments, and activities. The dots indicate the objectives each agency currently plans to contribute to through mission-specific actions, subject to budgetary constraints and other approvals.

FEDERAL



National Science Foundation



Dept. of Defense, Office of Naval Research, AEOP



Dept. of Energy, Dept. of Education, USDA

STATE



Regional Hub Sponsorships



Regional and State Public-Private Partnerships



Out-of-School & Summer Programming

LOCAL & FOUNDATIONS



Foundations



Businesses



School Districts



Lunch Mini- Presentations




Next Steps Connections

Cybersecurity Opportunity



ACTIONABLE COLLABORATION: DEVELOPING PROJECTS AND IDEAS

1/7/20XX



PITCH YOUR IDEAS
SHARE-OUT:
WHAT ARE YOUR NEXT
STEPS?

SHARING OUT
WRAPPING UP



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