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# **STEM Innovation Alliance Meeting**

*June 26, 2024*

# Welcome & Framing

*Lynne K. Varner, CEO,  
Washington STEM*

# Agenda



Framing for the Day

Context: Themes from the Feedback

Recall: STEM Alliance Framework

Work Session: Recommendations to Envision Future of Alliance

Next Steps

# STEM Alliance Recommendations Work Session

*Jayme Shoun, Policy Director, Washington STEM*

*Jenee Myers-Twitchell, Chief Impact Officer,  
Washington STEM*

*Min Hwangbo, Impact Director, Washington STEM*

## June 5 Feedback Session Themes

- Action
- Washington Jobs for Washington Kids/WA State Originators
- Access to Higher Education
- Educator Workforce
- Data Infrastructure
- Policy

### Potential Indicators of focus:

- AI
- Math scores, math competencies (also came up in separate conversations)
- Access to Higher Education
- Educator Workforce- STEM Teachers
- STEM Jobs vs STEM Literacy

**Do other states have a STEM Alliance?**

**(What we learned)**

# WHAT TO KEEP AND PROPOSE TO CHANGE

## Keep:

1. General alliance structure
2. Regular meeting cadence (every quarter)
3. Different learning opportunities from external partners (ex. AI experts or Computer Science experts)
4. Staff to manage and coordinate
5. Long term goals
6. Providing policy recommendations

## Propose to Change:

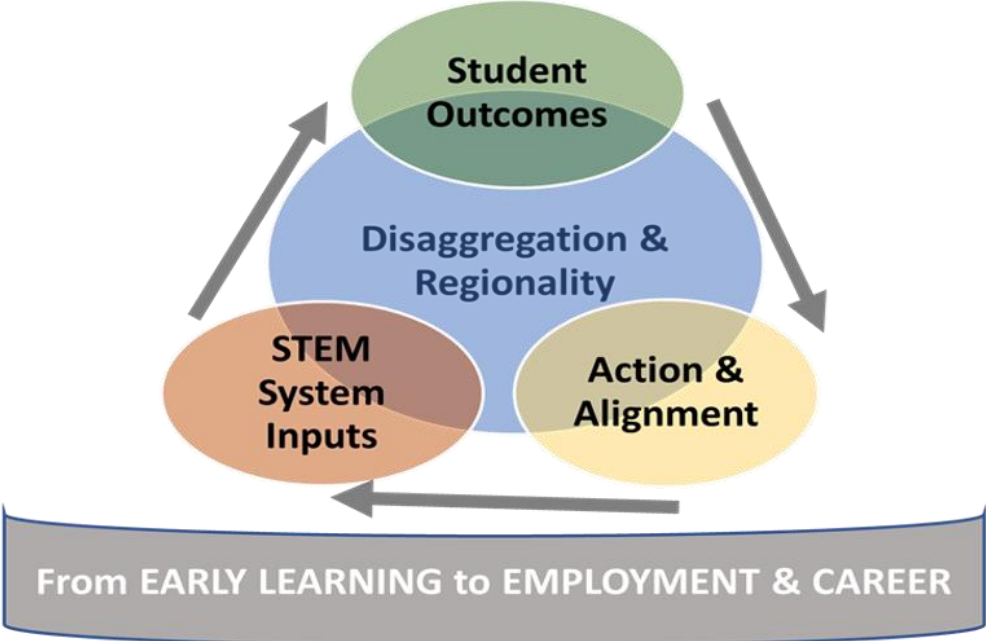
1. Framework Modification
2. Membership and Accountability
  - a. Draft Changes to RCW to Strengthen
  - b. Legislative Accountability
  - c. Charter?
  - d. Focused indicators/long term barriers
3. Vehicle/backbone organization
  - a. WSAC
  - b. Nonprofit
  - c. Another agency or organization?
4. Policy Recommendations
  - a. Driven by Alliance or Governor?
  - b. Bills and funding
  - c. Small group commitment
  - d. Limitations of members
5. Data

# Framework Modification



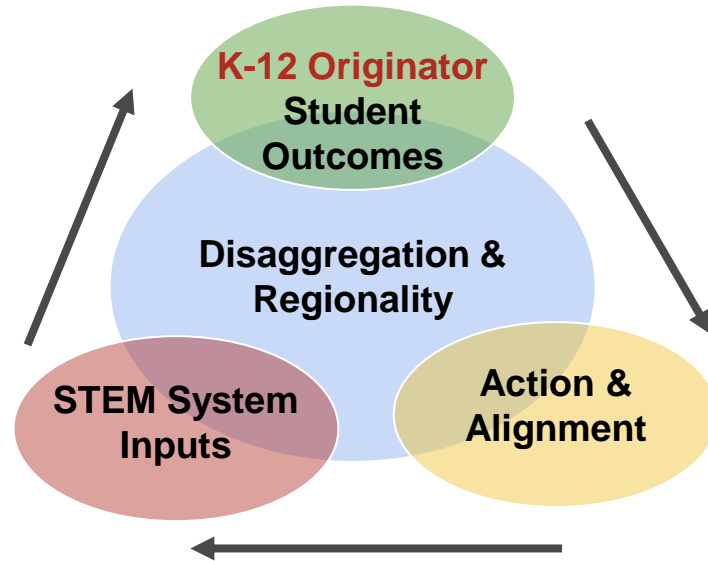
# 2022 Updated Framework

**STEM Education Innovation Alliance**  
**Framework for Action & Accountability**



# 2022 Adopted Framework + 2024 Suggested Updates

## STEM Education Innovation Alliance Framework for Action & Accountability



From EARLY LEARNING to EMPLOYMENT & CAREER  
for K-12 Originating Students

# Summary of Added/Proposed for Replacement STEM Report Card Metrics Proposed (2022)

- STEM coursetaking (including gatekeeping course)
- Dual Credit coursetaking and use
- Student experiences (surveys & qualitative measures)
- WA originators who have gotten jobs in STEM sectors/industries
  
- Current & Projected STEM job openings
- K-12 STEM course availability
- Dual Credit course availability
  
- Disaggregation (K-12 originators, demogs, geography, programs, etc)
  
- Ensuring complementary reports and resources available in one place



STUDENT STEM OUTCOMES



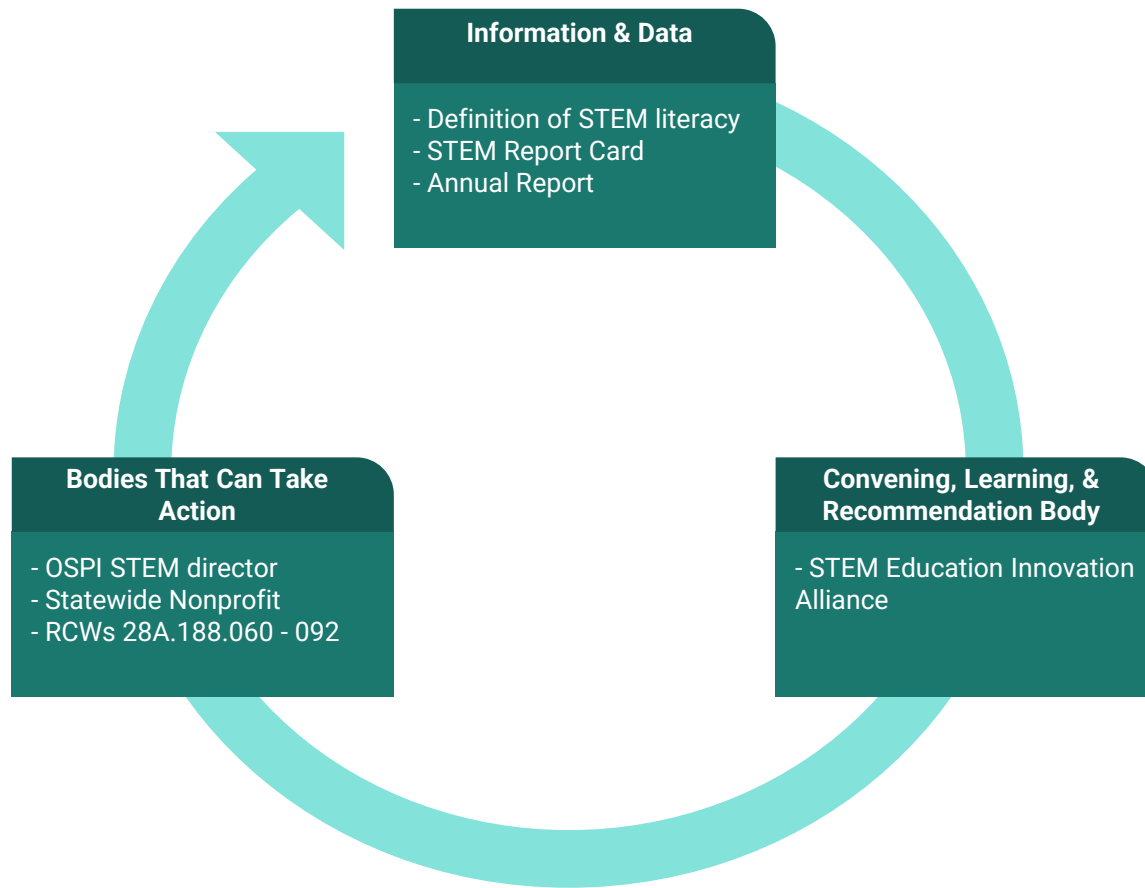
STEM SYSTEM INPUTS



DISAGGREGATION & REGIONALITY



ACTION & ALIGNMENT



## STEM Alliance and Related Statutes: Relationship Intent

## **Membership & Accountability**

## **Vehicle/Backbone to the STEM Alliance**

# Policy Recommendation Process

**Data**



## Next Steps