

Columbia Gorge

STEM HUB

SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS



Educator Support

- Microgrants
 - Professional Development
 - Lending Library & Lesson plans
 - Networking & connections
 - Free resources
- Empowering teachers



Student Opportunities

- STEM Nights & Maker Clubs
 - Intro to Engineering events
 - Chief Science Officers
 - Lunch w/a STEM Pro
 - 2019-20: Career Connections Liaison
- Raising awareness, scaling great ideas, improving equity, filling gaps

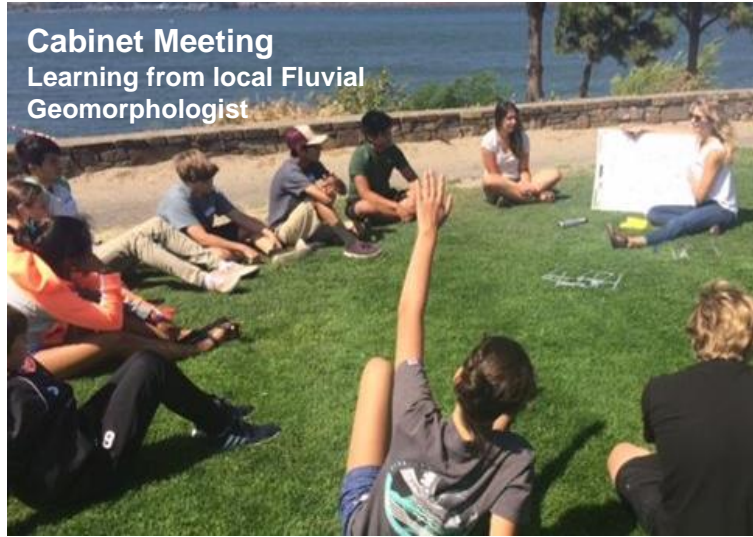


Regional Collaboration

- Communication
 - Collaborative grants
 - Gorge STEM Fair
 - Asset Mapping
 - STEM Insert
- Increasing efficiency & decreasing duplication



Program highlight: Chief Science Officers



What: National youth voice program

Where: 4 Hubs, all rural, including all of Eastern Oregon

How: ODE Innovation Funds & collaboration between Hubs

Strengths:

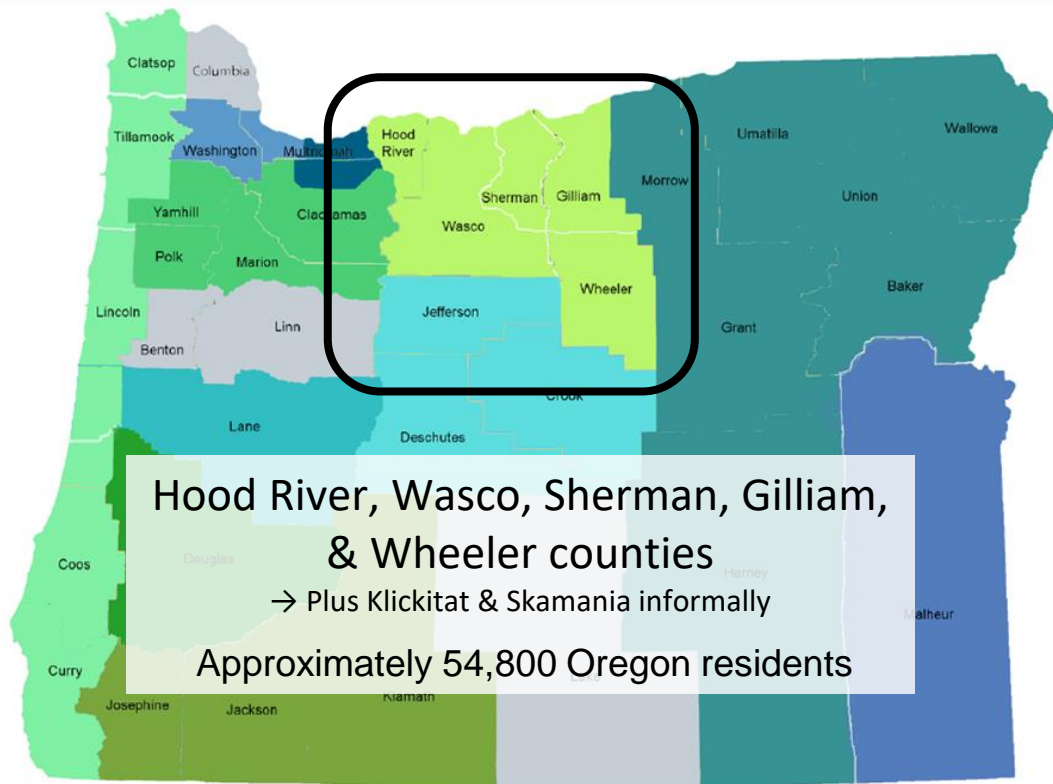
- Win-win: growth for CSOs, more STEM leadership, youth insights
- National Support
- Regional leaders

Challenges:

- Uncertain Funding
- Building legitimacy in OR



Columbia Gorge Region



Partners:

- 10 school districts
- Columbia Gorge Community College
- 50+ Local businesses & non-profits directly involved
- Close ally: Gorge Technology Association
90+ member companies & organizations

Barriers:

- Hub capacity & lack of funding consistency
- Varied priorities across region
- Collaboration time for teachers
- State boundary

Numbers & What's Next

2017-19 Biennium

\$130,000+ leveraged funds (direct & in-kind)



1,200+ volunteer hrs.



5000+ students impacted



120+

teachers impacted



Next Biennium

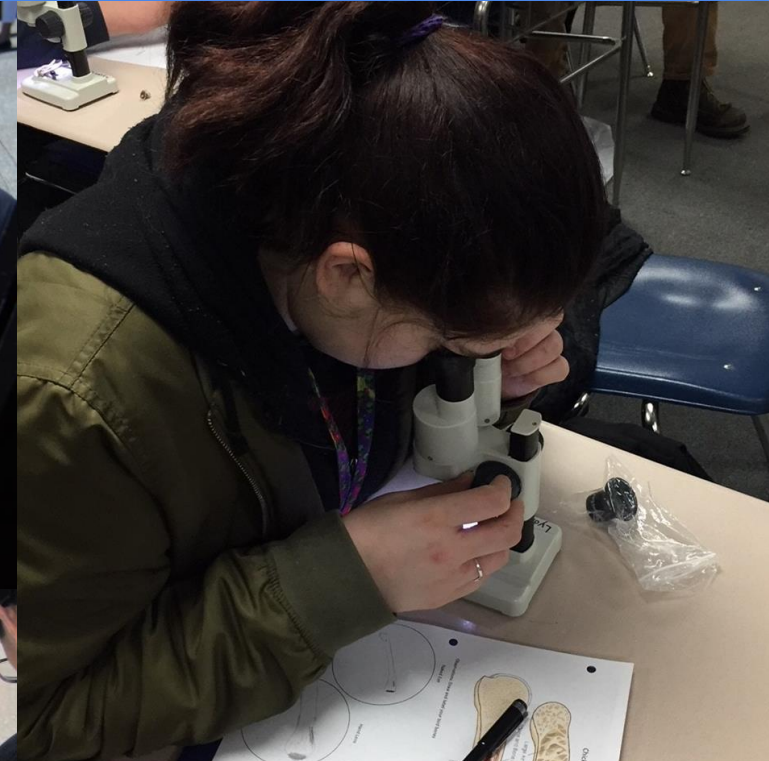
- Continue **regional approach**: local responsiveness and returns to scale
- **Strengthen and expand** current programs and partnerships
- **Career Connections** development (internships, STEM volunteer management, and Gorge education-workforce asset mapping)
- Deeper connections and collaboration with **CGCC and more remote districts**



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Questions?



Christy Christopher

Columbia Gorge STEM Hub

GorgeSTEM.org

Columbia Gorge Education Service District

Phone: 541-296-2046 Web: www.GorgeSTEM.org

Email: cchristopher@cgesd.k12.or.us



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