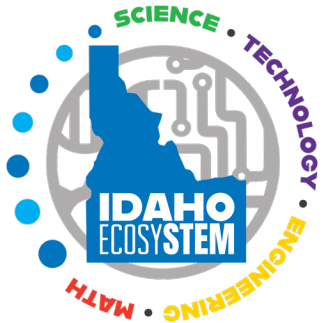


i-STEM Summer Institutes: Discussion and Demo

February 25, 2022
Idaho EcosySTEM Webinar #6



IDAHO
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ACTION CENTER

Katie Bosch -Wilson



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Idaho STEM Action Center

Program Coordinator

i-STEM Coordinator



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What is i-STEM?

i-STEM is a summer professional development opportunity for educators (PK-12) working in both classroom and informal settings.

During the Institute, participants attend a strand on project-based, hands-on learning in a chosen content area, as well as general sessions tied to the Institute theme.

Each participant will receive a kit of instructional materials unique to their strand, so that they can implement what they have learned in their own teaching environments.





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i-STEM Institute Dates and Locations:

June 13-16, 2022

[College of Southern Idaho](#)

[Lewis-Clark State College](#)

June 14-17, 2022

[Idaho State University](#)

June 21-24, 2022

[College of Eastern Idaho](#)

[North Idaho College](#)

[College of Western Idaho](#)



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College of Southern Idaho

- Earth's Place in the Universe (PK-8)- Matt Wigglesworth and Jan Smith
- Making with Micro:bits (5-12)- Todd Anderson
- Farm to Classroom: Connecting Students to their Food (3-12)- Rashel Clark
- IDX: Engineering Solutions with 3D Design & Fabrication (5-12)- Angie Poulson
- Ready, Set, Drones (5-8)- Tyler Downey
- Healthy Smiles to Help You Thrive (PK-5)- Erica Craven



Lewis -Clark State College

- Water Science Investigations and Awareness (3-11)- Rick Reynolds and Jim Ekins
- LEGOs and Building a Community of STEM Learners (2-6)- Melissa Stroupe
- LEGOs in the Primary Classroom (PK-2)- Sheila Frei
- Drones. The Sky is no longer the limit (8-12)- Brett Hogaboam



Idaho State University

- Integrated STEM in Early Elementary Education (PK-3)- Esther Ntuli
- Cracking the Code: Computer Science for K-2 and Beyond (PK-4)- Ashley Schaffner
- Amplifying STEM Research (6-12)- Merrie Rampy
- Ready, Set, Drones (4-8)- Sonia Galvez
- What are the Ingredients Required to Survive Regardless of Time, Space, and Place? (3-12)- Aaron Maurer
- Power of Earth & Space Sciences (1-6)- Elaine Klein



**Idaho State
University**



**IDAHO
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College of Eastern Idaho

- Farm to Classroom: Connecting Students to their Food- Rashel Clark
- Testing the Limits: Experience & Adapt a STEM Project-Based Learning Unit for High School Biology- Elaine Klein
- Creative Mathematics for All!- Shelley Nash
- The Science of Magic and Toys- Karen Laitnen
- Showcase the STEM: Tips, Tricks & Tools for Video Creation and Curation on Social Media (NCCE)- Tammy Dunbar
- Think like an Inventor!- Tonya Simms



North Idaho College

- STEMpowered Play (PK-3)- Morgan Gifford
- Water Science Investigations and Awareness (3-11)- Rick Reynolds and Jim Ekins
- LEGOS and Building a Community of STEM Learners (2-6)- Melissa Stroupe
- LEGOs in the Primary Classroom (PK-2)- Sheila Frei
- Ready, Set, Drones (4-8)- Tyler Downey



College of Western Idaho

- Earth's Place in the Universe (PK-8)- Matt Wigglesworth and Jan Smith
- Making Micro:bits (5-12)- Todd Anderson
- Biology at Every Scale: From Virus to Carbon Cycles (8-12)- Erica Holdridge
- Ready, Set, Drones (4-8)- Sonia Galvez
- STEM Careers (6-12)- Susan Hawke
- Build, Create, and Innovate (PK-12)- Amber McVey
- IDX: Engineering Solutions with 3D Design & Fabrication (5-12)- Rebekha Lulu
- BrickLAB (K-6)- Kellie Dean and Jim Schmidt





i-STEM LIBRARIES



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SCIENCE



ENGINEER



I-STEM REGIONAL LIBRARY NETWORK

Important links:

Apply for i-STEM: (applications close March 6)

- <https://stem.idaho.gov/apply/i-stem/>

Check out the i-STEM Lending Libraries:

- <https://stem.idaho.gov/i-stem-library/>





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