Building on the Past: Preparing for the Future

Montana Tech
THE UNIVERSITY OF MONTANA

CFWEP
CLARK FORK WATERSHED EDUCATION PROGRAM

MPRES™
MONTANA PARTNERSHIP WITH REGIONS FOR EXCELLENCE IN STEM

MSU BILLINGS

PRISM
Current Partnerships
Higher Education and K12 Education

- **Statewide Partnerships with Universities and K12 Education**
  1. STEM Leadership and STEM Taskforce – sponsored by OPI
  2. MPRES Math Science Partnership Grant – Next Generation Science Standards
  3. STREAM Math Science Partnership Grant – Common Core Mathematics

- **Regional Partnerships with Higher Education and K12 Education**
  1. Colleges of Education rely heavily on K12 districts to provide residency opportunities for our prospective teachers.
  2. Universities create partnerships with various K12 Consortia like Small Schools Alliance or Golden Triangle
Core Partners in MPRES

1) Cfwep.Org, (Clark Fork Watershed Education Program), Montana Tech, U of Montana
2) Montana State University-Billings College of Education, Science Education
3) Montana State University-Bozeman Department of Education, Science Education and Burns Technology Center (BTC)
4) Montana Tech, University of Montana, College of Letters, Sciences, and Prof. Studies
5) Montana Educational Consortium (MEC)
6) Alliance for Curriculum Enhancement (ACE)
7) Education Northwest (EDNW)
8) Cedar Lake Research
9) Billings Public Schools
10) Butte Public Schools
11) Prairie Educational Service Area (PESA)
12) Montana North Central Educational Service Region (MNCESR)
13) Montana Regional Education Service Area III (MRESA3)
14) Montana Region IV Educational Service Agency (RESA4U)
15) Western Montana Comprehensive System for Prof. Development (WM-CSPD)
STREAM Leadership Team

Jennie Luebeck, MSU-Bozeman
Georgia Cobbs, UM-Missoula
Brian Lindaman, MSU-Bozeman

Lisa Scott, Billings Public Schools
Project Manager
All projects must have a core planning team in place to oversee the general design and implementation of the project. At a minimum the project will consist of:

- A teacher from one or more of the partner LEAs
- A building principal or district superintendent
- A participating STEM faculty member
- Directors or designees from two or more RESAs
- A science or math education faculty member
- The project evaluator
The STREAM Partnership

- 16 School Districts
  - AA, A, B, C
- 5 RESAs
- 2 Universities
- 2 Non-Profit Organizations
- 1 Science Project

- 3 Leadership Staff
- 2 Evaluation Staff
- 1 Project Manager
Participants

Administrators
Create and maintain an environment for change & collaboration

Seed Teachers
Disseminate Common Core training and demonstrate standards-based practice

Classroom Teachers
Apply STREAM strategies to develop and enhance lesson aligned with Common Core

Students
Engage in Mathematical Practices; learn content in the context of multigrade progressions
Questions