



S · H · A · P · E 2 . 0

schools and higher education advancing public education across the P-20 spectrum

Quarterly Report | Year 3, Quarter 4



INTERNATIONAL BACCALAUREATE

MCPS

Lewis and Clark Elementary School has been a clinical site for teacher candidates doing the IB certificate at UM. UM candidates have been able to work closely with Lewis and Clark faculty in designing lessons and units of inquiry for each grade level.

Franklin Elementary School continues to work toward IB recognition. As part of this, faculty have reflectively implemented a new English Language Arts curriculum, and they have begin developing enhanced primary years programme guidelines in concert with IB coordinators around the district.

Washington Middle School continues to train its faculty in IB and prepare its launch as an IB school in 2019.

Both Big Sky and Hellgate High Schools continue to expand their IB offerings with over 300 students at each school enrolled in IB courses.

University of Montana

The third cohort of IB students (8) finished the second course of the three course sequence: C&I.536: Assessment and Learning in International Baccalaureate Programs. Dr. Lucila Rudge, taught the course as an adjunct instructor from a distance using Zoom video conferencing technology with co-instructors IB instructors Jeff Kessler and Cameron Johnson.



DUAL LANGUAGE IMMERSION

MCPS

Paxson Elementary began implementing the district's new English Language Arts curriculum and developing ways in which to fully integrate it into the school's dual language program.

Students at Paxson are taking a very active role in demonstrating their learning by leading conferences between their parents and teachers and reading in Spanish to the school's therapy dog, Zoë.

Paxson Elementary has rolled out a new online Spanish report card to complement its existing report card.

University of Montana

Dr. Kate Brayko continues to expand the language partnerships that UM's elementary education program has with tribal communities and facilitate partnerships between schools around the state. During the 4th quarter, 85 UM teacher candidates and 90 students in Arlee participated in these partnerships.

Dr. Kate Brayko work with Shirley Lindberg, Aria Peters, and Katya Larson in MCPS to develop an inclusion and integration clinical placement for teacher candidates in the elementary education program. In these placements, candidates will work with English Language Learners to provide learning supports.



GLOBAL
COMPETENCE

MCPS

MCPS has reached its goals for the Global Competence initiative in SHAPE 2.0.

University of Montana

The Franke Global Initiative has reached its goals for the Global Competence initiative in SHAPE 2.0.



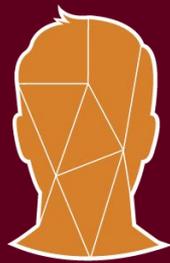
STEM

MCPS

Staff at Chief Charlo Elementary School, the first STEAM-themed school in Missoula County Public Schools, began planning for its “STEAM Night” in early April, 2019. At this event, the school will showcase what science, technology, engineering, the arts, and math education have looked like over the 2018-2019 academic year.

University of Montana

The Department of Teaching and Learning is in the process of recalibrating its faculty’s teaching assignments and re-committing to incorporating Project Lead the Way (PLTW) into all of its science education courses.



ARTS
INTEGRATION

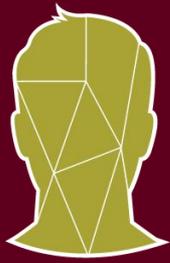
MCPS

Professor Karen Kaufmann met with principal Vinny Giammona, Sienna Solberg, the executive director of SPARK!, executive regional director Julie Robitaille, and eighteen staff members, on 13 November and 17 December 2018 to map out an implementation plan for Chief Charlo Elementary School as it transforms into a STEAM school.

Rosalind Flynn of the Kennedy Center provided a workshop in dramatizing the content areas for twelve teaching artists and SPARK! staff on 18 October 2018.

University of Montana

Over the fourth quarter, Karen Kaufmann and Sienna Solberg worked with four dance teaching artist toward their completion of a Dance Integration Certificate. The dance teaching artists developed lessons that integrate math and dance and demonstrated these at Chief Charlo Elementary School.



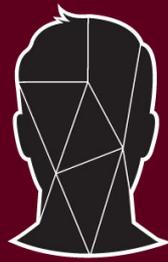
E A R L Y
INTERVENTIONS

MCPS

MCPS continued its work from the third quarter, implementing an early kindergarten program for 4 year-olds at the Jefferson Early Childhood Center.

University of Montana

The previous work on the Kindergarten Readiness Assessment is being incorporated into the Early Childhood programs at UM.



PROFESSIONAL LEARNING COMMUNITIES

MCPS

MCPS has reached its goals for the Professional Learning Communities initiative in SHAPE 2.0.

University of Montana

The University team continued its analysis of the focus group interview data collected from a group of teachers at a local school site on their professional development experiences, and is in the process of designing a survey instrument to administer more broadly to information educator preparation programs at UM.



UNIVERSAL DESIGN FOR LEARNING

MCPS

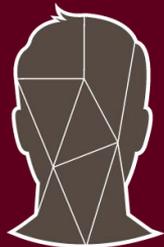
MCPS expanded its resources with Bookshare and Read and Write for Google, which are available to every student enrolled in MCPS.

Librarians throughout the district have been trained to use and provide support to classroom teachers in using Bookshare and Read and Write Google.

University of Montana

Dr. Morgen Alwell taught C&I.518: Inclusion and Collaboration to 12 graduate students in subject areas ranging from secondary science, math, and English to special education to art.

Dr. Alwell has been instrumental in helping launch the University's new *Teaching Excellence Initiative*. She, along with Robert Squires in UM Online, began developing an online module for new UM faculty and graduate teaching assistants on universal design for learning, which will be available in the summer of 2019.



BLENDED
LEARNING

MCPS

Missoula County Public Schools has reached its goals in Blended Learning for SHAPE 2.0.

University of Montana

The Montana Digital Academy (MTDA) has reached its goals in SHAPE 2.0.



Publications

In Press

Brayko, Kate. "Trying on Their Shoes: Empathy as Pedagogy for Teachers of English Language Learners." *Literary Voices*.

Rudge, Lucila and Gyde, Althea. "What if We Can't Apply What We Have Learned? Reflections of an IB Science Teacher Candidate." *International Journal of Teacher Education and Professional Development*.

Conferences

Martin, Adele and Brayko, Kate. (under review). *Language, Power, and Genius: When Young Students Become Indigenous Language Teachers of Non-Native Pre-Service Teachers*. Literacy Research Associate Conference.