Spring/Summer 2014

Montana Common Core Standards Professional Learning Opportunities Catalog

Montana
Office of Public Instruction
Denise Juneau, State Superintendent
opi.mt.gov

Purpose of the Montana Common Core Standards Professional Learning Opportunities Catalog (PL Catalog):

The PL Catalog provides information on professional learning (PL) opportunities that address and support effective implementation of the Montana Common Core Standards (MCCS). The PL Catalog is a resource for schools and districts to plan and target school-based PL to fit their needs.

Through the use of this catalog, schools and districts can find PL resources that will help their staff to answer the following Four Essential Questions about the MCCS:

- What is different for students?
- What is different for teachers?
- What do leaders need to implement?
- What is different about the new assessment system?

Being able to answer these questions will allow schools and district to gauge their progress towards full implementation of the MCCS.

Navigating the PL Catalog:

Professional Learning opportunities are organized according to the following MCCS content areas:

- General MCCS
- English Language Arts (ELA)/Literacy
- Mathematics
- Integration with Other Subjects

Within each content area, listings are organized according to the following subcategories:

- MCCS Content
- MCCS Instructional Strategies
- Smarter Balanced Assessment
- Leadership and/or Teacher Evaluation
- All Standards All Students (Differentiation, Interventions, IEP's, ELL, Gifted and Talented, etc.)

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General MCCS PL Opportunities

Content

Curriculum Planning and Development in the Age of Common Core

This workshop introduces teachers to the rationale behind developing and revising curriculum using Understanding by Design (Ubd), or backwards planning, to support a curriculum that focuses on the student understanding what the MCCS requires. Teachers will explore the process for using UbD to develop curriculum and have time to apply UbD curriculum development techniques to units of study they are already teaching, incorporating the MCCS into these units as they develop and revise them.

Session Objectives:

- Explore the MCCS
- Develop and revise curriculum using UbD
- Apply UbD curriculum development techniques to units of study they are currently teaching
- Incorporate the MCCS into teaching units.

Target Group	K-12 Teacher & Administrator
Delivery Method	Fact-to-Face
Available PL Duration(s	• 4 Hours to full day
Renewal Units/Credit	Renewal units or college credit available
Cost	Full Day (instructional hours and price can be modified): • SWMSS/RESA4U Member School: $1000 • SWMSS/RESA4U Non-Member School: $2000 • If location is outside Region 4, per diem, mileage and lodging (if needed) will be added to the cost
Contact	Marcy Moriarty, RESA4U mmoriarty@resa4u.org 406-522-4880

Introduction to the Montana Common Core

This workshop takes a closer look at the MCCS in math, reading, writing, speaking and listening, and language. Examines what anchor standards are and how they hand over responsibility to all K-12 teachers.

Session Objectives:

- Understand what the new shifts look like in MCCS
- Understand the learning progressions that explain the changes in the classroom

Target Group	PK-12 Teacher and Administrator, School Board Member, Parent
Delivery Method	Face-to-Face
Available PL Duration(s)	• Less than 2 hours

Renewal Units/Credit	Renewal units available
Cost	• GTCC Member School: Free • GTCC Non-Member School: $250 plus per diem, mileage and lodging (if needed)
Contact	Diana Knudson, GTCC diana@gtccmt.org 406-678-2962

Introduction to the MCCS

This course provides an opportunity for individuals or school teams to view an outline of the MCCS and discuss implications for implementation at the school level.

Session Objectives:

- Identify new information about the MCCS
- Understand implications of the MCCS implementation
- Identify how the MCCS can be implemented at participants' grade level(s)

Target Group	K-12 Teacher and Administrator
Delivery Method	Available online at http://www.wmcspd.org/montana-common-core-standards
Available PL Duration(s)	• Less than 2 hours
Renewal Units/Credit	Renewal units available
Cost	• Free
Contact	Nancy Marks, WMCSPD nancymarks@wmcspd.org 406-728-2400 x1088

MCCS - Digging Deeper Winter 2014 (Online)

This course provides an opportunity for individuals or grade level/content area teams to facilitate discussion about how the MCCS will be implemented in participants' particular grade level and/or content area. It is designed to provide MCCS background information as well as an opportunity (through a guided protocol of "Do-New-No-Go") to dig into the documents as related to grade level and/or content area.

Session Objectives:

- Understanding of the MCCS with regard to grade level and/or content area
- Identify the MCCS curriculum changes and expectations

Target Group	K-12 Teacher
Delivery Method	Online at http://www.wmcspd.org/mccs--3-hr-renewal
Available PL Duration(s	• 2 hours to half day
Renewal Units/Credit	Renewal units or college credit available
Cost	Free* *Session content is free, however, there may be a cost associated with faciliation or facility use depending on arragements made
Contact	Nancy Marks, WMCSPD

nancymarks@wmcspd.org
406-728-2400 x1088

General MCCS PL Opportunities

MCCS Instructional Strategies

IPads 101 (Online)

The MCCS indicate specific technology use for learning. Implementing these technology requirements requires a foundational knowledge of the devices being used in the classroom. This course is designed for educators to learn how to use the IPad to support integration of the MCCS in the classroom, along with exploring the identified techology skills outlined in the standards.

Session Objectives:

- Demonstrate increased comfort utilizing the IPad
- Implement settings and features to customize the IPad
- Develop higher level app store search skills
- Explore strategies for managing iPad use in the classroom
- Analyze the technology requirements of the MCCS

Target Group	PK-12 Teacher & Administrator; Post-Secondary Instructor & Administrator
Delivery Method	Online (more information available at http://www.resa4u.org/Page/43)
Available PL Duration(s	Longer than 15 days
Renewal Units/Credit	OPI Renewal unit or 1 college credit available
Cost	• Per Person fee added to an already created course during normal course times (spring, summer, fall): ✓ Individual is part of a SWMSS/RESA4U School - $140 ✓ Individual is not part of a SWMSS/RESA4U School - $280 • Per School or Organization created course created at the convenience of the school/organization (Max of 30 participants) ✓ SWMSS/RESA4U Member School - $1000 ✓ SWMSS/RESA4U Non-member School - $2000
Contact	Lindy Hockenbary, RESA4U lhockenbary@resa4u.org 4068532661

Technology Instructional Strategies: Common Core in Action

The heart of implementing the MCCS lies in classroom instruction. This workshop will identify practical instructional strategies that integrate technology to help students learn the skills identified by the MCCS. It will help teachers improve student achivement by showing research-based instructional strategies supported by the effective use of technology. Tools for any device (iPad, laptop, Chromebook, etc.) will be identified.

Session Objectives:

- Analyze the technology requirements of the MCCS
- Identify the pedagogical shifts that are occurring as a result of technology and the MCCS
- Implement technology instructional strategies that help students engage with the MCCCS

Target Group	PK-12 Teacher & Administrator; Post-Secondary Instructor & Administrator
Delivery Method	Fact-to-Face
Available PL Duration(s	4 Hours to full day
Renewal Units/Credit	Renewal units or college credit availble
Cost	Includes the following (instructional hours and price can be modified): • SWMSS/RESA4U Member School: $1000 • SWMSS/RESA4U Non-Member School: $2000 • If location is outside of Region 4, per diem, mileage and lodging will be added to the cost
Contact	Lindy Hockenbary, RESA4U lhockenbary@resa4u.org 406-853-2661

Technology Integration to Enhance Learning: Common Core in Action

The purpose of this course is to cover all aspects of technology integration in the school and/or classroom to enhance the learning process for students. It will analyze the technology requirements of the MCCS for ELA/Literacy, and assist with how technology tools can be implemented to support the curriculum, evaluate technology integration strategies, and identify how a classroom management plan can help ensure successful technology integration. At the end of the course, participants will have a learning focused technology integration plan that meets the needs of their classroom and/or school.

Session Objectives:

- Review technology requirements outlined in the K-12 Common Core ELA/Literacy Standards to promote alignment
- Determine successful technology implementation in a classroom setting that supports curriculum integration and aligning technology tools to the MCCS requirements
- Learn effective classroom management of technology
- Learn how to adapt to the ever-changing technology in the classroom by evaluating, reflecting and promotiong constant learning

Target Group	PK-12 Teacher & Administrator; Post-Secondary Instructor & Administrator
Delivery Method	Fact-to-Face
Available PL Duration(s	• 4 hours to full day; or • 2 days (instructional hours, price and objectives can be modified)
Renewal Units/Credit	OPI renewal or college credit available
Cost	2 day (instructional hours & price can be modified): • SWMSS/RESA4U Member School: $1750 • SWMSS/RESA4U Non-Member School: $3000 • If workshop location is outside of Region 4, per diem, mileage and lodging will be added to the cost
Contact	Lindy Hockenbary, RESA4U lhockenbary@resa4u.org 406-853-2661

More than Making the Grade: Standards-Based Grading and Reporting

This session explores the process of implementing standards-based grading and reporting practices for K-12. Resources and information are drawn from Guskey and Bailey's Developing Standards-based Report Cards and include examples from Montana schools that incorporate the MCCS for ELA/Literacy and Mathematics.

Session Objectives:

- Understand the process of developing standards-based grading and reporting systems
- Be able to effectively plan for development of standards-based grading and reporting systems
- Understand the difference between traditional grading and reporting practices and standards-based grading and reporting practices

Target Group	PK-12 Teacher & Administrator; Post-Secondary Instructor & Administrator
Delivery Method	Fact-to-Face
Available PL Duration(s)	• Less than 2 hours; or • 4 hours to full day
Renewal Units/Credit	Renewal units available
Cost	Free* *Session content is free, however, there may be a cost associated with session facilitation or facility use depending on arrangements made
Contact	Colet Bartow, OPI cbartow@mt.gov 406-444-3583

Teacher-Librarians Lead the Way – MCCS

This workshop focuses on the role of the teacher-librarian in implementing the MCCS by identifying resources, guiding effective program planning and providing useful strategies.

Session Objectives:

- Know the role of teacher-librarian in providing resources and instructional strategies necessary to MCCS implementation
- Know the program planning implications for taking a lead role in implementing MCCS
- Understand specific communication and assessment strategies for effective MCCS implementation

Target Group	PK-12 Teacher & Administrator; Post-Secondary Instructor & Administrator
Delivery Method	Fact-to-Face
Available PL Duration(s)	• 4 hours to full day
Renewal Units/Credit	Renewal units available
Cost	Free* *Session content is free, however, there may be a cost associated with session facilitation or facility use depending on arrangements made
Contact	Colet Bartow, OPI cbartow@mt.gov 406-444-3583

Words Count! Integrated Literacy, Math & IEFA

Leave with a new strategy for your classroom –tomorrow! This hands-on workshop will model integration of IEFA content and the Essential Understandings about Montana Tribes, while developing the primary student's skills in both literacy and math. Teachers will learn how to capitalize on the implicit learning opportunities presented in the IEFA Language Arts units and how to craft explicit and implicit learning experiences that support BOTH math and literacy.

Session Objectives:

- Learn the structure of a read aloud and how to expand the lesson to achieve more instructional objectives.
- Recognize the difference between explicit and implicit instruction and how to strategically shift between the two to achieve more instructional objectives
- Develop new integrated literacy and math strategies to support all the MCCS standards at the primary levels.

Target Group	Early Childhood Teacher & Administrator
Delivery Method	Fact-to-Face
Available PL Duration(s	• 2 hours to half day
Renewal Units/Credit	Renewal units or college credit available
Cost	• Typical cost is $1000 per instructional day plus travel • Sliding scale and sponsorship may be possible for some districts
Contact	Tammy Elser Insight Educational Services, Inc. tammy.elser@gmail.com 406-544-5095

Smarter Balanced Assessment

Understanding the Smarter Balanced Assessment and the Depths of Knowledge Scoring Matrix

This workshop addresses the Smarter Balanced Assessment, the MCCS assessment system that can inform and enhance teaching practices and learning for all students. Teachers must understand the depths and rigor of these assessments to be able to plan and develop quality lessons. In depth understanding of these assessments and how they will be scored, will allow teachers to meet the challenges of the state core standards. This professional development will support understanding of specific assessments in math and ELA and how students' work will be scored and evaluated. Time will be used to actually review assessments and discuss instructional practices aligned to the standards and assessments.

Session Objectives:

- Explore the Smarter Balanced assessment and the MCCS
- Identify instructional practices aligned to the standards and assessments

Target Group	K-12 Teacher & Administrator
Delivery Method	Fact-to-Face
Available PL Duration(s	4 Hours to full day
Renewal Units/Credit	Renewal units or college credit available
Cost	Full Day (price and cost can be modified): • SWMSS/RESA4U Member School: $1000 • SWMSS/RESA4U Non-Member School: $2000 • Ifworkshop location is outside Region 4, per diem, mileage and lodging (if needed) will be added to the cost
Contact	Marcy Moriarty, RESA4U mmoriarty@resa4u.org 406-542-4880

Leadership and/or Teacher Evaluation

AIM Training

Workshop provides introductory training to the Achievement in Montana student information system.

Session Objectives:

- Learn the basic functionality of the AIM system including navigation, census, and state reporting

Target Group	K-12 Administrator
Delivery Method	Fact-to-Face
Available PL Duration(s)	• Less than 2 hours • 2 hours to half day
Renewal Units/Credit	Renewal units available
Cost	• Free* Session Content is free, however, there may be a cost associated with facilitation or facility use depending on the arrangements made
Contact	Gail Harms, OPI gharms@mt.gov 406-444-3494

Application of GEMS Web Portal

Members of the OPI GEMS project team will demonstrate applicable scenarios for attendees that will help them accomplish data needs and uses.

Session Objectives:

- Learn how use GEMS to accomplish data needs

Target Group	K-12 Administrator
Delivery Method	Fact-to-Face
Available PL Duration(s)	• Less than 2 hours • 2 hours to half day
Renewal Units/Credit	Renewal units available
Cost	• Free* Session Content is free, however, there may be a cost associated with facilitation or facility use depending on the arrangements made
Contact	Jamey Ereth, OPI jereth@mt.gov 406-449-4409

GEMS Overview

Members of the OPI GEMS team will demonstrate all modules currently being displayed in GEMS, Montana's Statewide Longitudinal Education Data System, for various types of data inquires.

Session Objectives:

- Understand the different modules in GEMS that identify student achievement, graduation rates, enrollment, program and course offerings, district and school profiles, the National Assessment of Education Progress, and financial information reported by districts.

Target Group	K-12 Administrator
Delivery Method	Fact-to-Face
Available PL Duration(s)	• Less than 2 hours • 2 hours to half day
Renewal Units/Credit	Renewal units available
Cost	• Free* Session Content is free, however, there may be a cost associated with facilitation or facility use depending on the arrangements made
Contact	Jamey Ereth, OPI jereth@mt.gov 406-444-4409

Curriculum Mapping as a Teacher Time-Saver and School-Transformer

This session, facilitated by Sarah Zook, identifies the purposes of curriculum mapping, demonstrating how teachers can save curriculum maps and adjust from year to year. It also shows how mapping helps teachers become more efficient at connecting to objectives, MCCS, other content standards, and Indian Education for All.

Session Objectives:

- Know how to use mapping as a tool to align curriculum with standards
- Increase proficiency in selecting content to match to the standards

Target Group	K-12 Teacher and Administrator
Delivery Method	Fact-to-Face
Available PL Duration(s)	• 2 hours to half day
Renewal Units/Credit	Renewal units available
Cost	Includes the following: • $550/half day per facilitator or $225/two-hours per facilitator • Mileage at $.56/mile • State per diem rates for breakfast, lunch and dinner (if needed) • Cost of materials
Contact	Gaye Genereux, MNCESR gayegenereux@yahoo.com 406-378-3136

Using the Early Warning System

This course provides an introduction to the Montana Early Warning System for identifying dropouts. It is used to identify students that are 'at-risk' to dropout, including presenting data demonstrating how efficient the Early Warning System is at identifying those students. Also includes some discussion about what the strongest indicators of dropouts have proven to be.

Session Objectives:

- Learn how to use the Early Warning System data to identify and help 'at-risk' students
- Learn how the Early Warning System can be used to determine the best intervention for each student
- Understand how to set-up a team of school officials and identify roles regarding 'at risk' students identified by the Early Warning System

Target Group	Middle School Teacher, Counselor, Administrator; High School Teacher, Counselor, Administrator
Delivery Method	Fact-to-Face
Available PL Duration(s)	• Less than 2 hours
Renewal Units/Credit	Renewal units available
Cost	• Free* Session Content is free, however, there may be a cost associated with facilitation or facility use depending on the arrangements made
Contact	Eric Meredith, OPI emeredith@mt.gov 406-444-3642

All Students All Standards

The Framework: A Practical Guide for Montana Teachers and Administrations Implementing IEFA

This workshop is an opportunity for educators to address IEFA in terms of policy/planning, professional development, materials review/selection, curriculum mapping, and curricular integration. The goal is to promote best practices toward content integration, which includes culturally relevant resources within MCCS for Mathematics and ELA/Literacy.

Session Objectives:

- Provide relevant information about American Indians and/or MT Indians within the MCCS for Mathematics and ELA/Literacy
- Learn strategies for achieving higher levels of implementation including inquiry-based approaches and practical instructional ideas that link IEFA content and context to skill sets and standards expectation
- Provide a catalyst for school improvement and responsibility to IEFA

Target Group	K-12 Teacher & Administrator, Post-Secondary Instructor & Administrator
Delivery Method	Fact-to-Face
Available PL Duration(s)	• Less than 2 hours; • 2 hours to half day; or • 4 hours to full day
Renewal Units/Credits	Renewal units available
Cost	• Free* *Session content is free, however, there may be a cost associated with session facilitation or facility use depending on arrangements made.
Contact	Joan Franke, OPI jfranke@mt.gov 406-444-3694

ELA/Literacy PL Opportunities

Content

Text Dependent Questioning with Bloom's and Depth of Knowledge

This session provides strategies to engage students in text using Bloom and Depth of Knowledge. It provides guidance on how to make sure students are digging into text at a higher level of thinking.

Session Objectives:

- Learn the questioning that encourages thought and good writing
- Understand how to develop effective text dependent questions, have high expectations, and use rubrics to assess student work

Target Group	**K-12 Teacher & Administrator**
Delivery Method	• Fact-to-Face
Available PL Duration(s	Less than 2 hours
Renewal Units/Credit	Renewal units available
Cost	• GTCC School: Free • GTCC Non-Member School: $250 plus per diem, mileage & lodging (if necessary)
Contact	Diana Knudson, GTCC diana@gtccmt.org 406-678-2962

Instructional Strategies

Activating the MCCS: ELA & Literacy

This workshop, facilitated by Holly Olszewski, equips teachers with the necessary knowledge and resources to adapt to the new standards and assessments. Teachers will look at learning progressions within the ELA/Literacy Standards, determine their grade level's contributions, view sample Smarter Balanced assessments and rubrics, explore teaching resources that are classroom ready for IEFA and the ELA/Literacy Standards, and collaborate with peers to modify their existing course materials to MCCS.

Session Objectives:

- Identify relevant resources for adapting curriculum to match the MCCS and Smarter Balanced Assessment
- Increase understanding in curriculum and apply that understanding to modify current units
- Collaborate with peers to identify resources, understanding curriculum, and modifying units

Target Group	K-12 Teacher
Delivery Method	Face-to-face
Available PL Duration(s)	• 2 days (can be modified to accommodate less time, e.g., narrowing the audience to K-2 or 3-5)
Renewal Units/Credit	Participants may purchase a MSU-Northern credit for $150 or receive 15 renewal units for the 2 full day workshop; or renewal units are offered to all participants equal to the number of hours duration of the workshop.
Cost	Includes the following: • $750/full day per facilitator or $550/half day per facilitator • Mileage at $.56/mile • State per diem rates for breakfast, lunch and dinner (if needed) • Lodging (as needed) • Cost of materials
Contact	Gaye Genereux, MNCESR gayegenereux@yahoo.com 406-378-3136

Common Sense with the Common Core: Integrated Implementation for Integrated Practice in the High School

This two day seminar focuses on integrated implementation of the MCCS and IEFA by drawing examples from informational text sets on "Hot Topics" in US and Montana History. Hands on demonstrations include strategies for developing text sets to supplement the textbook, how to determine text complexity, strategies to scaffold learners into more complex texts and how to conduct layered readings of multiple texts or other media to juxtapose perspectives.

Session Objectives:

- Learn the structure and strands of MCCS ELA/Literacy and develop strategies to exercise the MCCS skills in their high school classroom
- Explore nine model units (in detail), looking at how they support all MCCS ELA standards
- Conduct aclose reading of selected standards, practicing five or six useful classroom protocols for reading complex text

- Practice at least three new instructional strategies to fulfill the MCCS for ELA - tomorrow!

Target Group	High School Teacher & Administrator
Delivery Method	Fact-to-Face
Available PL Duration(s	• 2 day (seminar has been offered in both 12 and 16 hr formats; 2 – 6 hr days is the optimal structure)
Renewal Units/Credit	Renewal units or college credit are available
Cost	• Typical cost is $1,000 per instructional day plus travel costs • Sliding scale and sponsorship may be possible for some districts
Contact	Tammy Elser Insight Educational Services, Inc. tammy.elser@gmail.com 406-544-5095

Common Sense with the Common Core: Integrated Implementation for Integrated Practice in the Intermediate Grades

This seminar will increase teachers' depth of knowledge of Montana Tribes and show the practical use of a high quality MCCS aligned lessons. It focuses on integrated implementation of the MCCS and IEFA by drawing on examples from several IEFA literature lessons and the informational text sets that accompany them, written in alignment with the Common Core standards. The session will provide instruction on text complexity, the structure of the Common Core standards, close analytic reading and writing strategies and standard operating procedures to achieve the core.

Session Objectives:

- Learn the structure and strands of MCCS for ELA/Literacy and develop strategies to exercise the MCCS skills in the intermediate classroom
- Explore nine model units and how they uniquely support all MCCS ELA standards
- Conduct a close reading of selected standards, practicing five or six useful classroom protocols for reading complex text
- Practice at least three new instructional strategies to fulfill the MCCS for ELA – tomorrow!

Target Group	Elementary Teacher & Administrator
Delivery Method	Fact-to-Face
Available PL Duration(s	• 2 day (seminar has been offered in both 12 and 16 hr formats; 2 – 6 hr days is the optimal structure
Renewal Units/Credit	OPI renewal credits or college credit available
Cost	• Typical cost is $1000 per instructional day plus travel • Sliding scale and sponsorship may be possible for some districts
Contact	Tammy Elser Insight Educational Services, Inc. tammy.elser@gmail.com 406-544-5095

Common Sense with the Common Core: Integrated Implementation for Integrated Practice in the Middle School

This seminar deepens teachers' knowledge of Montana Tribes and shows the practical use of a high quality MCCS aligned unit of study. It focuses integrated implementation of the MCCS and Indian Education for All by drawing

on examples from a comprehensive literature focus unit featuring Louise Erdrich's Birchbark House and the MCCS aligned informational text sets that accompany it. Text complexity, the structure of the MCCS, close analytic reading and writing strategies and standard operating procedures following a gradual release of responsibility model to promote independence.

Session Objectives:

- Learn the structure and strands of MCCS for ELA/Literacy and develop strategies to exercise the MCCS skills in the middle school classroom
- Explore the nine model units and how they uniquely support all MCCS ELA standards.
- Conduct a close reading of selected standards, practicing five or six useful classroom protocols for reading complex text
- Practice at least three new instructional strategies to fulfill the MCCS for ELA -tomorrow!

Target Group	Middle School Teacher & Administrator
Delivery Method	Fact-to-Face
Available PL Duration(s	• 2 day (seminar has been offered in both 12 and 16 hr formats; 2 – 6 hr days is the optimal structure)
Renewal Units/Credit	Renewal units or college credit are available
Cost	• Typical cost is $1000 per instructional day plus travel costs • Sliding scale and sponsorship may be possible for some districts
Contact	Tammy Elser Insight Educational Services, Inc. tammy.elser@gmail.com 406-544-5095

Common Sense with the Common Core: Integrated Implementation for Integrated Practice in the Primary Grades

This seminar deepens teachers' knowledge of Montana Tribes and shows the pratical use of high quality MCCS aligned lessons. It focuses on integrated implementation of the MCCS and IEFA by drawing on examples from nine IEFA picture book lessons that were written in alignment with the MCCS. This session provides instruction on text complexity, the structure of the Common Core standards, emergent and developing reading and writing strategies, and standard operating procedures to achieve the core.

Session Objectives:

- Learn the structure and strands of MCCS for ELA/Literacy and develop strategies to exercise the MCCS skills in the primary classroom
- Explore the nine model units and how they uniquely support all MCCS ELA/Literacy standards
- Conduct a close reading of selected standards, practicing five or six useful classroom protocols for reading complex text
- Practice at least three new instructional strategies to employ to fulfill the MCCS ELA -tomorrow!

Target Group	Early Childhood Teacher & Administrator; Elementary Teacher & Administrator
Delivery Method	Fact-to-Face
Available PL Duration(s	• 2 day (seminar has been offered in both 12 and 16 hr formats; 2 – 6 hr days is the optimal structure)
Renewal Units/Credit	Renewal units or college credit are available
Cost	• Typical cost is $1000 per instructional day plus travel costs • Sliding scale and sponsorship may be possible for some districts

Contact	Tammy Elser Insight Educational Services, Inc. tammy.elser@gmail.com 406-544-5095

Close Reading and Explicit Vocabulary Instruction

This session provides strategies for close reading of complex text in order for students to become critical readers.

Session Objectives:

- Apply close reading strategies to help students internalize how to read complex text
- Understand explicit vocabulary development

Target Group	**K-12 Teacher & Administrator**
Delivery Method	• Fact-to-Face
Available PL Duration(s	Less than 2 hours
Renewal Units/Credit	Renewal units available
Cost	• GTCC School: Free • GTCC Non-Member School: $250 plus per diem, mileage & lodging (if necessary)
Contact	Diana Knudson, GTCC diana@gtccmt.org 406-678-2962

Curriculum Alignment with the Common Core

This workshop leads participants in aligning their curriculum according to the form reccomended by OPI for aligning to the MCCS. Participants will bring their curriculum and materials for their subject area and practice writing a unit of their own material. Incorporating IEFA into curriculum will also be covered.

Session Objectives:

- Explore the form suggested by OPI for aligning a curriculum with the MCCS
- Explore process to identify skill gaps in curriculum
- Demonstrate the writing of text dependent questions
- Identify how Understanding by Design dicatates unit writing
- Practice strategies for writing a unit

Target Group	Elementary Teacher & Administrator; Middle School Teacher & Administrator
Delivery Method	Fact-to-Face
Available PL Duration(s	4 hours to full day
Renewal Units/Credit	Renewal units or college credit are available
Cost	Full Day (hours and price can be modified): • SWMSS/RESA4U Member School: $1000 • SWMSS/RESA4U Non-Member School: $2000 • If workshop location is outside Region 4, per diem, mileage and lodging (if needed) will be added to
Contact	Marcy Moriarty, RESA4U mmoriarty@resa4u.org

	406-522-4880

Focus on Writing: Introduction to Effective Writing in Your Classroom

This workshop, facilitated by Holly Olszewski, debunks many misconceptions about writing such as "writing talent is innate," and "only English teachers can teach writing." Participants will learn how to begin the process of encouraging writing minds by exploring the qualities of effective writing, the writing process, and the demands of the MCCS and the Smarter Balanced Assessment. They will also locate relevant resources, utilize Smarter Balanced rubrics, and collaborate with peers to develop practices and tasks that save time and enhance the writing experience.

Session Objectives:

- Increased understanding of the writing process and effective writing qualities (focus, organization, elaboration of evidence, language and vocabulary, and conventions)
- Understand the demands of the MCCS Writing Standards
- Collaborate with peers to explore resources to create or incorporate effective writing experiences into curriculum plans
- Recognize that writing is the basis of a critical thinking mindset that is essential for students in learning and life

Target Group	K-12 Teacher
Delivery Method	Fact-to-Face
Available PL Duration(s)	• 2 full days (consecutive or a few weeks apart) • 4 half days (consecutive or throughout a month)
Renewal Units/Credit	Participants may purchase a MSU-Northern credit for $150 or receive 15 Renewal units for the 2 full day workshop; or renewal units are offered to all participants equal to the number of hours duration of the workshop.
Cost	Includes the following: • $750/full day per facilitator or $550/half day per facilitator • Mileage at $.56/mile • State per diem rates for breakfast, lunch and dinner (if needed) • Lodging (as needed) • Cost of materials
Contact	Gaye Genereux, MNCESR gayegenereux@yahoo.com 406-378-3136

MCCS Elementary Alignment Module

This session provides a seven unit guide for teachers to collaboratively create a curriculum for all students that is centered around an underlying framework, consisting of the written, taught and learned, and tested curriculum. The collaboration involves identifying strengths and weaknesses and the alignment of current curriculum to the MCCS, specifically to address areas that need to be strengthened. The module is ideally used by Professional Learning Communities, at PIR days, for staff meetings, or at grade level meetings.

Session Objectives:

- Determine appropriate resources and the alignment guide to be used for curriculum alignment
- Identify the optimal taught and learned curriculum aligned to the MCCS

- Create text dependent questions
- Learn ways to continue collaboration at the school site

Target Group	Elementary Teacher
Delivery Method	Online via iTunes
Available PL Duration(s	• 30 minutes to 1 hour per activity
Renewal Units/Credit	Renewal units or college credit available
Cost	• Free* *Session content is free, however, there may be a cost associated with session facilitation or facility use depending on the arrangements made
Contact	Debbie Hunsaker, OPI dhunsaker@mt.gov 406-444-0733

MCCS Elementary ELA Part 1 and 2

This course consists of seven units, beginning with a self-assessment to help the school determine which unit to begin using. The units included are Foundational Skills, Vocabulary, Comprehension, Close Reading, Challenging Text, Informational and Literary Text, and Basal Alignment Project. Each unit consists of step-by-step processes and activities that can be completed by individual teachers, teacher teams or an entire staff facilitated by a PL provider or principal to help educators build a deep understanding of the structure and content of the MCCS for ELA. All units have a leadership guide to help schools break out the unit(s) into manageable pieces.

Session Objectives:

- Understanding the MCCS for ELA
- Learning about resources to support integrating the MCCS in the ELA curriculum

Target Group	Elementary Teacher, Elementary Administrator & Curriculum Director
Delivery Method	Online via iTunes on March 31, 2014
Available PL Duration(s)	• 30 minutes to 1 hour depending on activity
Renewal Units/Credits	Renewal units or college credit available
Cost	• Free* *Session content is free, however, there may be a cost associated with session facilitation or facility use depending on the arrangements made
Contact	Debbie Hunsaker, OPI dhunsaker@mt.gov 406-444-0733

MCCS Secondary ELA Alignment Guide

This session provides a seven unit guide for teachers to collaboratively create a curriculum for all students that is centered around an underlying framework, consisting of the written, taught and learned, and tested curriculum. The collaboration involves identifying strengths and weaknesses and the alignment of your current curriculum to the MCCS, specifically to address areas that need to be strengthened. The module is ideally designed for use by Professional Learning Communities, at PIR days, for staff meetings, or grade level meetings.

Session Objectives:

- Determine appropriate resources and the alignment guide to be used for curriculum alignment
- Identify the optimal taught and learned curriculum aligned to the MCCS
- Create text dependent questions
- Learn ways to continue collaboration at the school site

Target Group	Middle School Teacher and High School Teacher
Delivery Method	• On-Line via iTunes
Available PL Duration(s	30 minutes to one hour per activity
Renewal Units/Credit	Renewal units or college credit available
Cost	• Free* *Session content is free, however, there may be a cost associated with session facilitation or facility use depending on the arrangements made
Contact	Debbie Hunsaker, OPI dhunsaker@mt.gov 406-444-0733

Overview of 6 Trait Writing

This session provides training on 6 Trait Writing + 1 in order to build a collaborative community of teachers school-wide that are all well versed on reading and writing. Allows content teachers to gain the skills necessary to teach reading and writing in their content areas.

Session Objectives:

- Understand ideas, organization, voice, word choice, sentence fluency, conventions, and presentations as attributes of good writing
- Provides ideas for application of these trains and rubrics for assessment as well

Target Group	**K-12 Teacher & Administrator**
Delivery Method	• Fact-to-Face
Available PL Duration(s	2 hours to half day
Renewal Units/Credit	Renewal units available
Cost	• GTCC School: Free • GTCC Non-Member School: $400 plus per diem, mileage & lodging (if necessary)
Contact	Diana Knudson, GTCC diana@gtccmt.org 406-678-2962

Write From the Start: Jump Start MCCS ELA Implementation in the Primary Grades

Writing is the "Rossetta Stone" of the MCCS. A robust primary focus on writing in three instructional contexts (exploratory, writing-on-demand and writer's workshop) holds the key to developing skills in Reading Foundations, Language, and Speaking and Listening, while also supporting Reading Information and Literature. This seminar focuses on understanding the developmental stages of young children's writing, creating the writing habit, building writing fluency and conventionality and employing writing as a tool for learning. Standard operating procedures to achieve the core will be developed, discussed and practiced and will include strategies to take into the classroom –tomorrow!

Session Objectives:

- Learn the stucture and strands of the MCCS for ELA/Literacy and how each strand is effectively exercised through the writing process
- Learn the developmental stages in children's writing skill development and how different instructional strategies are required at different stages
- Identify three instructional contexts for writing to dramatically increase the amount of writing practice provided for students
- Recognize developmentally appropriate standard operating procedures to support robust writing in the classroom every day

Target Group	Early Childhood Teacher & Administrator; Elementary Teacher & Administrator
Delivery Method	Fact-to-Face
Available PL Duration(s	• 2 day (seminar has been offered in both 12 and 16 hr formats; 2 – 6 hr days is the optimal structure)
Renewal Units/Credit	Renewal units or college credit availlable
Cost	• Typical cost is $1000 per instructional day plus travel • Sliding scale and sponsorship may be possible for some districts
Contact	Tammy Elser Insight Educational Services tammy.elser@gmail.com 406-544-5095

Writing to Learn: Build Fluency and Content Knowledge for MCCS ELA Achievement in the Intermediate Grades

Writing is the "Rossetta Stone" of the MCCS. Daily writing in three instructional contexts (exploratory, writing-on-demand and writer's workshop) holds the key to extending skills in Reading, Language, and Speaking and Listening; while also supporting content knowledge mastery. This seminar focuses on understanding the developmental stages of children's writing, supporting and extending the writing habit, promoting writing fluency, refining conventionality and employing writing as a tool for learning. Grade level specific standard operating procedures to achieve the core will be developed, discussed and practiced and will include strategies to take into the classroom –tomorrow!

Session Objectives:

- Learn the structure and strands of MCCS for ELA/Literacy and how each strand is effectively exercised through the writing process
- Learn the developmental stages in children's writing skill development and how different instructional strategies are required at different stages
- Identify three instructional contexts for writing to dramatically increase the amount of writing practice provided for their students
- Recognize developmentally appropriate standard operating procedures to support robust writing in the classroom every day

Target Group	Elementary Teacher & Administrator
Delivery Method	Fact-to-Face
Available PL Duration(s	• 2 day (seminar has been offered in both 12 and 16 hr formats; 2 – 6 hr days is the optimal structure)
Renewal Units/Credit	Renewal units or college credit available
Cost	• Typical cost is $1000 per instructional day plus travel costs

	• Sliding scale and sponsorship may be possible for some districts
Contact	Tammy Elser Insight Educational Services, Inc. tammy.elser@gmail.com 406-544-5095

Smarter Balanced Assessment

Creating ELA Performance Tasks

This presentation explores how educators can access and utilize sample ELA performance tasks available from the Smarter Balanced Assessment Consortium and the writing rubrics for the Smarter Summative Assessment. The sample tasks can be used to plan instruction that will introduce students to performance task formats that integrate knowledge and skills across multiple content standards.

Session Objectives:

- Locate Smarter Balanced Assessment performance task resources
- Learn how to create practice performance tasks

Target Group	K-12 Teacher
Delivery Method	Fact-to-Face
Available PL Duration(s)	• Less than 2 hours; or • 2 hours to half day
Renewal Units/Credit	Renewal units available
Cost	• Free* *Session content is free, however, there may be a cost for facilitation or facility use depending on arrangements made
Contact	Adam Mastandrea, OPI amastandrea@mt.gov 406-444-0736

Leadership and/or Teacher Evaluation

Strategic Leadership for MCCS ELA Implementation: Seeing the Forest for the Trees

This short informative session is designed to help administrators analyze and understand the shifts required by the Montana Common Core ELA/Literacy Standards in order to identify and provide teachers with supports to achieve them. A hands-on demonstration of close analytic reading including an IEFA example will be conducted, along with a short primer on some standard operating procedures for classroom practice that will jump start implementation in their school or district.

Session Objectives:

- Understand the structure of the MCCS ELA.
- Learn the shifts and understand the demands they place on teachers and students.
- Learn strategies to support shifts in practice to achieve success with the MCCS ELA standards
- Learn model lessons developed by OPI to support teachers in MCCS implementation

Target Group	PK-12 Administrator
Delivery Method	Fact-to-Face
Available PL Duration(s	Less than 2 hours
Renewal Units/Credit	Renewal units available
Cost	• Typical cost is $1000 per instructional day plus travel • Sliding scale and sponsorship may be possible for some districts
Contact	Tammy Elser Insight Educational Services, Inc. tammy.elser@gmail.com 406-544-5095

All Standards All Students

MCCS for Literacy

This workshop encompasses K-12 ELA IEFA Literacy units, aligned with the MCCS. Utilizing both fiction and non-fiction written by or about American Indians, these units are balanced with instructional practices towards rigorous and student-centered learning.

Session Objectives:

- Make grade specific standard connections to MT Indian content
- Learn about Reading for Information, Speaking and Listening, Writing, and Language and Literacy across the curriculum

Target Group	K-12 Teacher & Administrator; Post-Secondary Instructor & Administrator
Delivery Method	Fact-to-Face
Available PL Duration(s)	• Less than 2 hours; • 2 hours to half day; • 4 hours to full day; or • 2 day Objectives covered depends on the length of workshop, as well as the focus of alignment selected (ELA or Math, or PL toward IEFA)
Renewal Units/Credit	Renewal units available
Cost	• Free* *Session content is free, however, there may be a cost associated with session facilitation or facility use depending on arrangements made
Contact	Joan Franke, OPI jfranke@mt.gov 406-444-3694

Mathematics PL Opportunities

Content

Discovering the Joy of Statistics in the Middle and High School Math Classroom

This workshop, facilitated by Sarah Zook, provides teachers the opportunity to learn all about the statistics (Stats) that students need to know between grades 6 and 11. Teachers will develop a solid understanding of the Stats they are expected to teach their students. They will discover interesting hands-on projects that are ready to incorporate into their classes, read and understand the standards using curriculum breakouts.

Session Objectives:

- Develop a better understanding of the MCCS Statistics Domain Standards
- Enhance knowledge of Statistics to meet the above named standards

Target Group	Middle School Teacher and High School Teacher
Delivery Method	Fact-to-Face
Available PL Duration(s)	• 4 hours to full day; or • 2 full days
Renewal Units/Credit	Participants may purchase a MSU-Northern credit for $150 or receive 15 Renewal units for the 2 full day workshop; or renewal units are offered to all participants equal to the number of hours duration of the workshop.
Cost	Includes the following: • $750/full day per facilitator or $550/half day per facilitator • Mileage at $.56/mile • State per diem rates for breakfast, lunch and dinner (if needed) • Lodging (as needed) • Cost of materials
Contact	Gaye Genereux, MNCESR gaygenereux@yahoo.com 406-378-3136

MCCS for Mathematics Geometry Progression K-5

This course focuses on the Geometry Progression from grades K-5 along with the eight Mathematical Practices in the Montana Content Standards for Mathematics and how the progression and practices are implemented in the classroom.

Session Objectives:

- Learn and understand the Geometry Progression from K-5 and the mathematical practices
- Learn how Geometry standards and the mathematical practices are applied in classroom instruction
- Learn how to implement lessons that engage students in Geometry and the mathematical practices

Target Group	Elementary Teacher

Delivery Method	Fact-to-Face
Available PL Duration(s)	• 4 days at 6 hrs/day
Renewal Units/Credit	Renewal units or college credit available
Cost	Includes the following: • $4000 facilitator/presenter fee • Facilitator mileage, lodging and per diem
Contact	Lisa Scott Mathematics Educational Consulting, LLC Lisa.scott@mathedconsulting.org 406-860-7735

MCCS for Mathematics Geometry Progression 6-12

The MCCS for Mathematical Content are designed to be focused and coherent in order to improve mathematics achievement. This course will focus on the Geometry Progression from grades 6 to 12 along with the eight Mathematical Practices in the Montana Content Standards for Mathematics and how the progression and practices are implemented in the classroom.

Session Objectives:

- Learn and understand the Geometry Progression from grades 6 to 12 and the mathematical practices
- Learn how Geometry standards and the mathematical practices are applied in classroom instruction
- Learn how to implement lessons that engage students in Geometry and the mathematical practices

Target Group	Middle School Teacher; High School Teacher
Delivery Method	Fact-to-Face
Available PL Duration(s	4 days at 6 hrs/day
Renewal Units/Credit	Renewal units/credit available
Cost	Includes the following: • $4000 facilitation/presenter fee • Facilitator mileage, lodging and state per diem
Contact	Lisa Scott Mathematics Educational Consulting, LLC lisa.scott@mathedconsulting.org 406-860-7735

STREAM Workshop: Fractions, Ratios and Proportions

This workshop uses learning progressions to discover how content progresses and unfolds across clusters, domains, and grade levels. It traces the development of proportional reasoning to its conceptual roots in fraction and ratio and blends presentation with collaboration and discovery. Participants engage in activities grounded in understanding the structure and application of MCCSM

Session Objectives:

- Engage educators in the mathematical content and practices outlined in MCCS in the context of the state's vision and each district's unique setting
- Expand knowledge of essential content based on key learning progressions in middle grades mathematics
- Examine, model, and create learning environments that foster the MCCSM Mathematical Practices
- Use learning progressions and other available tools to enable implementation of the MCCSM

- Discover ways to align and integrate existing curriculum with the MCCSM
- Ultimately prepare for MCCSM-based assessment

Target Group	4th through 8th grade Teacher, Middle School Administrator
Delivery Method	Face-to-face
Available PL Duration(s)	• 2 hours to half day
Renewal Units/Credit	Renewal units available
Cost	Includes the following: • $500 STREAM instructor/facilitator fee (this fee includes consult to adapt presentation to district needs and audience) • Mileage at $.56/mile • State per diem rates for breakfast, lunch and dinner • Lodging (if needed) • Substitute costs (if needed)
Contact	Lisa Scott Mathematics Educational Consulting, LLC lisa.scott@mathedconsulting.org 406-860-7735

STREAM Workshop: Number Systems and Operations

Workshop uses learning progressions to demonstrate how content progresses and unfolds across clusters, domains, and grade levels. Participants will study the development of number concepts through operations, properties, and systems. Workshops blend presentation with collaboration and discovery and engage participants in activities grounded in understanding the structure and application of MCCSM. Content is described for middle (4-8 grades) mathematics.

Session Objectives:

- Engage educators in the mathematical content and practices outlined in MCCS in the context of the state's vision and each district's unique setting
- Expand knowledge of essential content based on key learning progressions in middle grade mathematics
- Examine, model, and create learning environments that foster the MCCS Mathematical Practices
- Use learning progressions and other available tools to enable implementation of the MCCSM
- Discover ways to align and integrate existing curriculum with the MCCSM
- Ultimately prepare for MCCSM-based assessment

Target Group	4th through 8th grade Teachers, Middle School Administrator
Delivery Method	Face-to-face
Available PL Duration(s)	• 2 hours to half day
Renewal Units/Credit	• Renewal units available
Cost	Includes the following: • $500 STREAM instructor/facilitator fee (this fee includes consult to adapt presentation to district needs and audience) • Mileage at $.56/mile • State per diem rates for breakfast, lunch and dinner • Lodging (if needed) • Substitute costs (if needed)

Contact	Lisa Scott Mathematics Educational Consulting, LLC lisa.scott@mathedconsulting.org 406-860-7735

Instructional Strategies

21st Century Learners & the Mathematics Practices

21st Century learning means that students master content while producing, synthesizing, and evaluating information from a wide variety of subjects and sources. Participants will learn the expectations for 21st Century learners and how the mathematics practices can teach these expectations.

Session Objectives:

- Explore the expectations for 21st Century Learners and the Standards for Mathematical Practice
- Utilize collaborative learning techniques and learn how these connect to the mathematical practices
- Plan ways the Mathematical Practices could be integrated into any content area classroom

Target Group	K-12 Teacher
Delivery Method	Fact-to-Face
Available PL Duration(s	2 Hours to half day
Cost	Cost includes the following: • $575 facilitator fee • Facilitator lodging, mileage and per diem
Contact	Lisa Scott Mathematics Educational Consulting, LLC lisa.scott@mathedconsulting.org 406-860-7735

Activating the MCCS for Math

This workshop, facilitated by Sarah Zook, will give teachers the chance to explore the many tools available to help them implement MCCS learning progressions, determine their grade level's expectations, view sample assessments, find rich content online, and modify their existing materials to match the new expectations. They will walk away with a better understanding of how to align instruction using the math practices.

Session Objectives:

- Understand how to align instruction using the math practices
- Gain proficiency at using the Internet to find relevant resources
- Develop a better understanding of the expectations of the MCCS

Target Group	K-12 Teachers
Delivery Method	Face-to-face
Available PL Duration(s)	• 4 hours to full day; or • 2 full days
Renewal Units/Credit	Participants may purchase a MSU-Northern credit for $150 or receive 15 renewal units for the 2 full day workshop; or renewal units are offered to all participants equal to the number of hours duration of the workshop.
Cost	Includes the following: • $750/full day per facilitator or $550/half day per facilitator • Mileage at $.56/mile • State per diem rates for breakfast, lunch and dinner (if needed) • Lodging (as needed) • Cost of materials

Contact	Gaye Genereux, MNCESR gaygenereux@yahoo.com 406-378-3136

Implementing the Mathematical Practices: A MCTM MCCS Workshop:

The MCCS for Mathematical Practice describe varieties of expertise that mathematics educators at all levels should seek to develop in their students. This workshop focuses on the eight mathematical practice standards for all grade levels. Teachers and administrators that attend the workshop will leave the workshop with an understanding of all eight practices and what these practices look like in the mathematics classroom. The workshop is available for either grades K-5 or 6-12.

Session Objectives:

- Develop a thorough knowledge of the eight mathematical practice standards for all grade levels
- Understand what these practices look like in the classroom
- Develop strategies for classroom instruction that provide opportunities for students to be proficient with the mathematical practice standards

Target Group	K-12 Teacher & Administrator
Delivery Method	Fact-to-Face (for a maximum of 40 participants)
Available PL Duration(s	• 2 days
Renewal Units/Credits	Renewal units or college credit avalable.
Cost	Includes the following: • Presentation/facilitation fee - $2,000 • Presenter incidentals including sub pay, mileage up to $100, lodging & per diem (if needed)
Contact	Hilary Risser, MCTM hrisser@mtech.edu

MCCS for Mathematical Practice for Elementary Teachers

The MCCS for Mathematical Practice are essential components in developing the mathematical understanding of students. Educators must intentionally provide students opportunities to use the mathematical practices to foster their understanding. This session will allow educators to dig deeply into the mathematical practices and explore websites that have rich tasks that will assist in engaging students in the practices.

Session Objectives:

- Explore the Standards for Mathematical Practice.
- Consider how the MCCSM will impact your mathematics program plan next steps
- Examine opportunities to develop skill in explaining and mathematical modeling

Target Group	Elementary Teacher
Delivery Method	Fact-to-Face
Available PL Duration(s	2 Hours to Half Day
Cost	Cost includes the following: • $575 facilitator fee • Facilitator lodging, mileage and per diem
Contact	Lisa Scott

	Mathematics Educational Consulting, LLC lisa.scott@mathedconsulting.org 406-860-7735

MCCS for Mathematical Practice for Middle and High School Teachers

The MCCS for Mathematical Practice are essential components in developing the mathematical understanding of students. Educators must intentionally provide students opportunities to use the mathematical practices to foster their understanding. This session will allow educators to dig deeply into the mathematical practices and explore websites that have rich tasks that will assist in engaging students in the practices.

Session Objectives:

- Explore the MCCS for Mathematical Practice
- Consider how the MCCSM are likely to impact your mathematics program and plan next steps
- Examine opportunities to develop skill in explaining and mathematical modeling

Target Group	Middle School Teacher, High School Teacher
Delivery Method	Fact-to-Face
Available PL Duration(s	2 hours to half day
Cost	Includes the following • $575 faciliator fee • Facilitator lodging, mileage and per diem
Contact	Lisa Scott Mathematics Educational Consulting, LLC lisa.scott@mathedconsulting.org 406-860-7735

MCCSM from Adoption to Implementation: A MCTM Workshop

This workshop will help teachers and administrators understand the structure of the content standards in the MCCS, understand the critical areas for each grade level, develop learning progressions for key topics, explore and apply the rigor test to a variety of lessons and activities, and analyze their current curriculum materials for alignment to the MCCS, and find supplementary resources to aid in implementation. The workshops are available for teachers in grades K-5, 6-8, or 9-12, starting summer 2014.

Session Objectives:

- Develop a thorough knowledge of the MCCSM content standards, the critical areas and learning progressions
- Explore and apply a rigor test to lessons and activities
- Analyze current curriculum materials for alignment to the MCCSM
- Find supplementary resources to aid in implementation

Target Group	K-12 Teacher & Administrator
Delivery Method	Fact-to-Face (for a maximum of 40 participants)
Available PL Duration(s	• 2 days
Cost	Includes the following:

	• Presentation/Facilitation fee - $2000 • Presenter incidentals including sub pay, mileage up to $100, lodging & per diem (if needed)
Contact	Hilary Risser, MCTM hrisser@mtech.edu

McRel Common Core Mathematics: Moving from Understanding to Implementation

This workshop equips teachers to help students gain the conceptual knowledge, build the skills, and demonstrate the mathematical practices to bridge the gap from knowing to doing. Participants will leave with the following skills.

Session Objectives:

- Explore the MCCSM
- Learn and implement strategies to connect mathematical concepts across grade levels
- Identify processes to introduce and engage students in learning new content, connect new content to prior knowledge and help students reflect on and assess their own learning

Target Group	K-12 Teacher & Administrator
Delivery Method	Fact-to-Face
Available PL Duration(s)	2 day
Renewal Units/Credit	Renewal units or college credit available
Cost	Full day pricing (instructional hours and pricing can be modified): • SWMSS/RESA4U Member School: $1000 • SWMSS/RESA4U Non-Member School: $2000 • If workshop location is outside Region 4, per diem, mileage and lodging (if needed) will be added to cost
Contact	Marcy Moriarty, RESA4U mmoriarty@resa4u.org 406-542-4880

STREAM Workshop: Mathematical Practices and STEM

Face-to-Face Workshop(s) & Online-Module(s)

This workshop shows how to use Mathematical Practices in everyday instruction, how to assess students' use of Mathematical Practices, and how the practice of modeling provides a natural connection to science, technology, and engineering. The workshop blends presentation with collaboration and discovery and engages participants in activities grounded in understanding the structure and application of MCCSM. Content is designed for middle grades (4-8) mathematics.

Session Objectives:

- Engage educators in the mathematical content and practices outlined in MCCS in the context of the state's vision and each district's unique setting.
- Expand knowledge of essential content based on key learning progressions in middle grade mathematics
- Examine, model, and create learning environments that foster the MCCS Mathematical Practices
- Use learning progressions and other available tools to enable implementation of the MCCS for Mathematics.
- Discover ways to align existing curriculum with MCCSM

Target Group	4th through 8th grade Teacher & Middle School Administrator
Delivery Method	• Face-to-face • Online Module(s) via MDPLN
Available PL Duration(s)	• Face-to face - 2 hours to half day • Online Module - Longer than 15 Days; STREAM Online Modules are designed to last 3 to 4 weeks, with the 4th week used for wrap-up and closure and an estimated workload of 4 to 6 hours per week for participants
Renewal Units/Credit	Renewal units are available
Cost	Fact-to-Face cost includes the following: • $500 STREAM instructor/facilitator fee (this fee includes consult to adapt presentation to district needs and audience) • Mileage at $.56/mile • State per diem rates for breakfast, lunch and dinner • Lodging (if needed) • Substitute costs (if needed) Online Module cost is determined by MDPLN, but anticipated to be free
Contact	Lisa Scott Mathematics Educational Consulting, LLC lisa.scott@mathedconsulting.org 406-860-7735

Montana ASPIRE in Math

The mission of this professional learning plan is to provide long term support to schools and districts in creating self-sustaining local learning communities whose vision is to implement the MCCSM. It is anticipated that the schools/districts will commit the necessary time for participants to engage in consistent collaborative work designed to implement the intended curriculum, instructional practice, and assessment tailored to the goals of the district/school. Schools/districts will do this work in teams that include teachers, math leaders, and administrators. The program includes 15-20 sessions and support throughout the year with a MT ASPIRE coach.

Session Objectives:

- Clarify what mathematical proficiency means for students, teachers and administrators
- Build a community of learners that will collaborate with the intent of making sure all students are mathematically proficient and career and college ready
- Develop a thorough knowledge and understanding of focus, coherence, and rigor found in the MCCSM practices, content, and progressions
- Engage everyone in analyzing where they are, identifying the priorities, setting goals, and establishing a plan that outlines where 80% of energy and resources will be placed and how the other 20% will be used based on "keeping the end in mind”
- Focus on teacher understanding and construction of knowledge packages (concepts, skills, representations, strategies, language, pedagogy and assessments) based on the critical areas and learning progressions of the standards
- Design the cyclical process that ensures a sustainable mathematics learning community

Target Group	K-12 Teacher & Administrator
Delivery Method	Fact-to-Face

Available PL Duration(s	• Longer than 15 days • The district/school will determine the schedule that works for ongoing sessions during school days. e.g., early release, PIR days plus scheduled PL days
Renewal Units/Credit	Renewal units available
Cost	Prices may vary depending on number of teachers and distance coaches travel. • $19,500 plus travel and per diem/ASPIRE Coach* *Price includes an on-site MT ASPIRE Coach for training and implementation of the seven modules and year-long on-line support.
Contact	Jean Howard, OPI jhoward@mt.gov 406-444-0706

Using the Monana Mathematics Curriculum Organizers to Plan Instruction

The Montana Mathematics Grade Level Curriculum Organizers contain components found in common core documents from across the nation and the MCCS (including IEFA). They provide an organization of the mathematics content and practice standards that can be used for planning a scope and sequence, units of study, pacing and other materials that support a focused, coherent and rigorous study of mathematics, K-12. This professional learning opportunity supports teachers' instruction and students' engagement in the process of learning mathematics.

Session Objectives:

- Develop a thorough knowledge of the MCCS for Mathematics Practice and content standards – domains, clusters, and the critical areas
- Understand instructional strategies based on clusters
- Plan a year long scope and sequence for each grade level
- Determine use of materials and resources to support the curriculum, scope and sequence

Target Group	K-12 Teacher & Administrator
Delivery Method	Fact-to-Face
Available PL Duration(s	• 4 hrs to full day; or • 2 days
Cost	• Free* *Session content is free, however, there may be a cost associated with facilitation or facility use depending on arragements made
Contact	Jean Howard, OPI jhoward@mt.gov 406-444-0706

Smarter Balanced Assessment

The Power of Assessment to Guide Mathematics Instruction

This workshop provides the background of MCCSM and the Smarter Balanced Assessment Consortium (SBAC) as a starting point to examine the new assessment and its implications for instruction.

Session Objectives:

- Understand the background of the MCCS and SBAC
- Explore the Smarter Balanced website resources and items
- Identify the learning progressions that lead to proficiency with math content
- Discuss implications of assessment on standards-based instructional practices
- Share best practices to guide instruction and increase student proficiency

Target Group	K-12 Teachers & Administrators
Delivery Method(s)	Face-to-face
Face-to-Face PL Duration	• 2 hours to half day
Renewal Units/Credit	Renewal units available
Cost	• Free* Session content is free, however, there may be cost associated with facilitation or facility use depending on arrangements made
Contact	Jean Howard, OPI jhoward@mt.gov 406-444-0703

Leadership and/or Teacher Evaluation

STREAM Workshop: Teacher Learning and Leadership - Facilitating PLC's and Modeling Instruction
Face-to-Face Workshop(s) & Online Module(s)

This workshop provides educators the skills and strategies for sharing instructional practice, modeling standards-based instruction, and facilitating school-based collaborative teacher learning. Workshops blend presentation with collaboration and discovery and engage participants in activities grounded in understanding the structure and application of the MCCSM.

Session Objectives:

- Engage educators in the mathematical content and practices outlined in MCCSM in the context of the state's vision and each district's unique setting
- Expand knowledge of essential content based on key learning progressions in middle grades mathematics
- Examine, model, and create learning environments that foster the MCCSM Mathematical Practices
- Use learning progressions and other available tools to enable implementation of the MCCSM.
- Discover ways to align and integrate existing curriculum with the MCCSM
- Ultimately prepare for MCCSM-based assessment

Target Group	4th through 8th grade Teacher and Middle School Administrator
Delivery Method(s)	Face-to-face Online Module(s) via MDPLN
Face-to-Face PL Duration	• Face-to face - 2 hours to half day
Online Module Duration	• Online Module – Longer than 15 days; STREAM Online Modules are designed to last 3 to 4 weeks, with the 4th week used for wrap-up and closure and an estimate workload of 4 to 6 hours per week
Renewal Units/Credit	Renewal units available
Cost for Face-to-Face PL	Cost includes the following: • $500 STREAM instructor/facilitator fee (this fee includes consult to adapt presentation to district needs and audience) • Mileage at $.56/mile • State per diem rates for breakfast, lunch and dinner • Lodging (if needed) • Substitute costs (if needed
Cost for Online Module	Cost is determined by MDPLN, but anticipated to be free
Contact	Lisa Scott Mathematics Educational Consulting, LLC lisa.scott@mathedconsulting.org 406-860-7735

Transforming Your School's Math Program (Elementary or Secondary)

It is difficult to consider all the variables in transitioning a math program from its current state to where it will need to be to meet the MCCSM. Participants will be given the chance to evaluate their current content,

instructional effectiveness, assessment, and overall school atmosphere. They will create the start of a mathematics plan to get their school from where it is to where they want it to be. Participants will make plans to carry on their work in-house using PLCs as a tool. Workshops are distinctly focused on the unique challenges of each level (Elementary or Secondary).

Session Objectives:

- Evaluate existing mathematics program and compare it to best practices
- Create a plan for transitioning current mathematics program

Target Group	K-12 Teacher & Administrator
Delivery Method	Fact-to-Face
Available PL Duration(s	• 4 hours to full day (workshop is best presented for a day. Decreasing to 4 hrs would reduce the faciliated planning time for the participants.)
Renewal Units/Credit	Renewal units available
Cost	Includes the following: • $750/full day per facilitator or $550/half day per facilitator • Mileage at $.56/mile • State per diem rates for breakfast, lunch and dinner (if needed) • Lodging (as needed) • Cost of materials
Contact	Gaye L. Genereux, MNCESR gayegenereux@yahoo.com 406.378.3136

Mathematics PL Opportunities

All Standards All Students

****Page is currently being updated.**

Integration with Other Subjects

Content

Hidden Treasures: Free Resources for Montana Educators

Session explores digital resources that are available for free to all Montana educators: EBSCO, PBS Learning Media, Library of Congress Teaching with Primary Sources, Montana Memory Project, Success at the Core, and others.

Session Objectives:

- Learn about free digital resources that provide engaging, relevant and current content for all curricular areas
- Identify how resources can help them meet the increased need for student engagement with informational texts
- Learn how to search the resources by standard, grade level and topic

Target Group	PK-12 Teacher & Administrator; Post-Secondary Instructor & Administrator
Delivery Method	Face-to-Face
Available PL Duration(s)	• Less than 2 hours; or • 2 hours to half day
Cost	• Free* *Session content is free, however, there may be a cost associated with facilitation or facility use depending on arrangements made
Contact	Colet Bartow, OPI cbartow@mt.gov 406-444-3583

Writing for College and Career Readiness: Habit, Tool or Tormentor for Content Area Learning in Grades 6 – 12

Writing is a key to college success, and prized by employers as an essential skill for communication. In 6th – 12th grades, all teachers need to employ writing as a tool for mastery of their content area, including short writing on demand and extended writing of argumentative and informational texts. If writing is not developed as a habit and a tool, it will become a dreaded tormentor and a barrier to academic success. This practical workshop will support teachers across the content areas in "exercising" the writing muscle daily, and will address common challenges to development of a strong writing program and implementation of the MCCS ELA/Literacy standards.

Session Objectives:

- Learn the structure and strands of the MCCS for ELA/Literacy and how each strand is effectively exercised through the writing process
- Learn the developmental stages in children's writing skill development and how different instructional strategies are required at different stages
- Identify three instructional contexts for writing to dramatically increase the amount of writing practice provided for their students
- Recognize developmentally appropriate standard operating procedures to support robust writing in the classroom every day

Target Group	Middle School Teacher & Administrator; High School Teacher & Administrator
Delivery Method	Fact-to-Face
Available PL Duration(s	• 2 day (seminar has been offered in both 12 and 16 hr formats; 2 – 6 hr days is the optimal structure)
Renewal Units/Credit	Renewal units or college credit available
Cost	• Typical cost is $1000 per instruction day plus travel costs • Sliding scale or sponsorship may be possible for some districts
Contact	Tammy Elser Insight Educational Services, Inc. tammy.elser@gmail.com 406-544-5095

Instructional Strategies

Questioning and Writing in Technical Subjects - What does the Common Core Require?

This workshop will explore the questioning, reading, and writing requirements of the MCCS for Social Studies, Science, and Technical Subjects. Participants will bring their curriculum and major texts. They will work individually and in group activities to explore the following topics:

- ✓ What are text dependent questions? Participants will explore the guidelines for writing these questions within the framework of their curriculum.
- ✓ What are the writing requirements for their subject area? How do you integrate meaningful writing assignments?
- ✓ What will the Smarter Balanced Tests look like in these areas? How can you prepare students for them?

Session Objectives:

- Explore the MCCS
- Explore the questioning, reading, and writing requirements of the MCCS for Social Studies, Science, and Technical Subjects
- Identify the guidelines for writing text dependent questions
- Develop strategies to integrate writing assignments and prepare students for the Smarter Balanced Assessments

Target Group	Middle School Teacher & Administrator; High School Teacher & Administrator
Delivery Method	Fact-to-Face
Available PL Duration(s	4 hours to full day
Cost	Full Day Pricing (instructional hours and price can be modified): • SWMSS/RESA4U Member School: $1000 • SWMSS/RESA4U Non-Member School: $2000 • If location is outside Region 4, per diem, mileage and lodging (if needed) will be added to the cost
Contact	Marcy Moriarty, RESA4U mmoriarty@resa4u.org 406-522-4880

MCCS Writing – Metaphor, Compare/Contrast, Classification

This workshop explores writing strategies that impact students achievement such as compare/contrast, metaphor and classification in all content and English classes to move students into critical thinking at all ages.

Session Objectives:

- Practice the writing standards in the MCCS
- Learn to facilitate effective compare/contrast, and metaphor and classification writing

Target Group	**K-12 Teacher & Administrator**
Delivery Method	• Fact-to-Face
Available PL Duration(s	Less than 2 hours
Renewal Units/Credit	Renewal units available
Cost	• GTCC School: Free

	• GTCC Non-Member School: $250 plus per diem, mileage & lodging (if necessary)
Contact	Diana Knudson, GTCC diana@gtccmt.org 406-678-2962

Teaching History Through Multiple Perspectives

The MCCS for Literacy in Social Studies pushes us to improve and deepen history teaching. Imperative in this work, is the incorporation of Indian Education for All at every level. The MCCS demand that students be able to analyze multiple sources, both primary and secondary, in order to understand more deeply the history of our state, country, and world. This workshop will provide teachers with strategies to help students understand these challenging sources. In addition, it will assist teachers in developing historic topics into effective units of study with the Montana Common Core Standards as a central guide.

Session Objectives:

- Explore the MCCS
- Explore strategies for teaching history to include the MCCS
- Implement strategies to help students understand challenging sources
- Develop historic topics into effective units of study with the MCCS as a central guide

Target Group	Middle Teacher & Administrator; High School Teacher & Administrator
Delivery Method	Fact-to-Face
Available PL Duration(s	4 hours to full day
Cost	Full Day (Instructional hours and price can be modified) • SWMSS/RESA4U Member School: $1000 • SWMSS/RESA4U Non-Member School: $2000 • If workshop location is outside Region 4, per diem, mileage and lodging (if needed) will be added to cost
Contact	Marcy Moriarty, RESA4U mmoriarty@resa4u.org 406-542-4880

Science Literacy – 2 Day workshop

This workshop provides science teachers with background on what science literacy is and how reading and writing in science is unique. It will provide participants with both a conceptual understanding of science literacy, and practical tools to use in their classroom.

Session Objectives:

- Deeper understanding of the integral role reading and writing play in science content acquisition
- Participants will be exposed to specific activities to use during instruction

Target Group	K – 12 Teachers
Delivery Method	Face-to-face (available May 2014)
Available PL Duration(s)	• 2 days
Renewal Units/Credit	OPI renewal units available
Cost	Free*

	*Session content is free, however, there may be a cost associated with session facilitation or facility use depending on arrangements made
Contact	Chris DeWald, OPI cdewald@mt.gov 406-444-03557

Science Literacy – Online Course

This online course will provide participants with an extensive background in the pedagogy of reading and writing in science. Participants will have the opportunity to engaging with reading materials, participate in group discussions, and develop and deliver lessons using course materials.

Session Objectives:

- Understand the integral role reading and writing play in science content acquisition
- Develop specific activities to use during instruction

Target Group	K – 12 Teachers
Delivery Method	Online (Available Summer 2014)
Available PL Duration(s)	• 8 weeks instructional time, 2 week capstone project
Renewal Units/Credit	OPI renewal units available
Cost	• Cost is determined by MDPLN, but anticipated to be free
Contact	Chris DeWald, OPI cdewald@mt.gov 406-444-03557

Smarter Balanced Assessment

Bridging Science Literacy – Using Informational Text Items to Improve Science Instruction

The 6 – 12 Literacy Standard for History/Social Studies, Science and Technical Subjects and the K – 5 Reading Standards for Informational Text provide a clear set of student expectations for Reading and Writing across all content areas. This online presentation uses released Informational Text Passages and Items from a variety of sources to illustrate how science teachers can use reading assessments as a guide to implementing the MCCS in their classrooms.

Session Objectives:

- Increase of how science passages are used on reading assessments
- Provide guidelines for selection and use of text passages for science instruction

Target Group	K-12 Teachers
Delivery Method	Online (available May 2014)
Available PL Duration(s	Less than 2 hours
Cost	• Cost is determined by MDPLN
Contact	Chris DeWald, OPI Cdewald@mt.gov 406-444-3557

Leadership and/or Teacher Evaluation

****Page is currently being updated.**

Integration with Other Subjects

All Students All Standards

RTI Overview Webinar

This is a half hour webinar providing an overview of the RTI Project as part of a Multi-Tiered System of Support (MTSS). A multi-tiered system of support provides guidance for delivering comprehensive, quality instruction for all students and an RTI framework provides evidence-based instruction and targeted interventions to ensure students can meet the expectations of the MCCS and reach their full potential.

Session Objectives:

- Introduce school to effective implementation of the MCCS by creating an RTI system of support
- Review school's current intervention procedures and processes

Target Group	Elementary Teacher & Administrator; Middle School Teacher & Administrator
Delivery Method	Online Webinar
Available PL Duration(s)	30 minutes
Cost	Free
Contact	Amy Friez, OPI afriez@mt.gov 406-444-0923

Fidelity to your Response to Intervention RTI Process

This webinar is a leadership team training as part of a series presented through the RTI Project which is intended to help schools implement a multi-tiered system of support at their sites to ensure students can meet the expectations of the MCCS. The specific training helps schools define roles and responsibilities to support accountability to effective student instruction and increased student achievement.

Session Objectives:

- Understand how accountability to a well-communicated protocol or process affects the efficacy of instruction in schools
- Articulate the roles and responsibilities of everyone in the school process
- Evaluate continuous improvement in their process and document student improvement

Target Group	Elementary Teachers and Administrators; Middle School Teachers & Administrators
Delivery Method	Online Webinar
Available PL Duration(s)	30 minutes
Cost	Free
Contact	Amy Friez, OPI afriez@mt.gov 406-444-0923

Collaborative Teaming and Data Based Decision Making Webinar

This webinar teaches participants the skills necessary for effective collaboative teaming at the school level to support effective instruction and higher student achievement to meet the expectations of the MCCS.

Session Objectives:

- Understand the skills necessary for effective collaborative teaming at the school level
- Understand the roles and responsibilites of team members in this process
- Examine school's existing problem solving process and understand how collborative teaming and data based decision making can increase the effectiveness of instruction.

Target Group	Elementary Teacher & Administrator; Middle School Teacher & Administrator
Delivery Method	Online Webinar
Available PL Duration(s	4 Hours to Full Day
Cost	Free
Contact	Amy Friez afriez@mt.gov 406-444-0923

Advanced Family and Community Engagement

This webinar is meant to train a leadership team on engaging family and community members in the learning process based on the recognition that family and community involvement in education supports higher student achievement to meet the expectations of the MCCS. It is best presented to a group through projection of the webinar and participation in the action steps and activities presented. It is part of a series of trainings presented through the RTI Project which are intended to help schools implement a multi-tiered system of support.

Session Objectives:

- Increase staff knowledge about key family, school and community partnering components, including the 6 Essential Components of RTI Implementation
- Review school's current intervention procedures and processes

Target Group	Elementary Teacher & Administrator; Middle School Teacher & Administrator
Delivery Method	Online Webinar
Available PL Duration(s)	30 minutes
Cost	Free
Contact	Amy Friez, OPI afriez@mt.gov 406-444-0923

List of Commonly Used Abbreviations:

ASPIRE – Achieving Standards: Professional In-School Resources for Educators

ELA – English Language Arts

GEMS – Growth & Enhancement of Montana Students

GTCC – Golden Triangle Curriculum Consortium

IEFA – Indian Education for All

MCCSM – Montana Common Core Standards for Mathematics

MCTM – Montana Council of Teachers of Mathematics

MDPLN – Montana Digital Professional Learning Network

MNCESR – Montana North Central Education Service Region

PLC's – Professional Learning Communities

RESA4U – Montana Region IV Educational Service Agency

RTI – Response to Intervention

STREAM – Standards-Based Teaching Renewing Educators Across Montana

SWMSS – Southwest Montana School Services

WMCSPD – Western Montana Comprehensive System of Personnel Development