



**Alberta Regional Professional
Development Consortia**

Adult learning for students' sake

**Provincial Committee Work Plan
2023-2024**

Mathematics

PREFACE

The Alberta Education Vision, and identified priorities provide a road map for work of the Alberta Regional Professional Development Consortia (ARPDC). Together the consortia, through the seven regional offices and consultants, work in a collaborative, coordinated manner to design and deliver professional learning and resources in support of the K-12 education community. ARPDC provides professional learning opportunities through funding from Alberta Education, fee for service contracts, grant specific work, and cost recovery offerings that are in alignment with Consortia goals, and are responsive to the needs of our provincial and regional stakeholders. All aspects of the work of the Consortia are designed to foster dynamic professional learning aligned with the TQS and LQS and provide resources and support; positively impacting teaching and learning at school and at home across Alberta.

Vision

Adult Learning for Students' Sake

Mission

To provide high quality professional learning opportunities for Alberta's educational community.

Guiding Principles

- design and deliver flexible innovative professional learning and resources for K-12 education stakeholders.
- collaborate and share to activate a provincial network that empowers regional and provincial implementation of professional learning opportunities across Alberta.
- model promising practices in adult learning to ensure relevant, purposeful, and engaging professional learning.
- employ a service-oriented model that is based on listening, understanding, and serving the needs of the K-12 education stakeholders in Alberta.

PRIORITY AREAS

Provincial priorities are established annually through a series of conversations (Alberta Education, CASS Board of Directors, Provincial Advisory Committee and Regional consultations) and a review of related documentation (Alberta Education and Division 3-year Plans). The priority areas for 2023-2024 are:

New Curriculum Provide professional learning and support to educators for all work related to developing a current and comprehensive repertoire of effective planning, instruction, and assessment practices to meet the learning needs of every student explicitly linked to subjects in the pilot and implementation stages of the	Quality Teaching Provide professional learning and support, in all subjects and at all grade levels, to enhance educators' ongoing analysis of the context, and decisions about which pedagogical knowledge and abilities to apply, resulting in optimum learning for all students. Support all related	Quality Leadership Provide professional learning and support focused on the development of leadership capacity, such that educational leaders can share and create the conditions within which quality teaching and optimum learning can occur and be sustained, in their schools, divisions and across the
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new curriculum.	competencies and indicators of the TQS and LQS.	province. LQS and SLQS competencies, where appropriate, further inform this work.
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Areas previously identified as priorities (Literacy, Numeracy, First Nations, Metis and Inuit, Mental Health and Wellness for example) are embodied in the focus of specific learning opportunities and enfolded in each of the three identified priorities for 2023-2024.

PROVINCIAL STRATEGIES

In 2023-2024, ARPDC will continue to focus on provincial priorities and actualizing those priorities in an open, equitable, and provincially accessible manner. The following strategies are key to ensuring all educational stakeholders within the province of Alberta, regardless of role, can access the resources and support offered by ARPDC.

Key Strategy One - Collaboration on Curriculum Implementation and Advancement

- Strengthen Committees (ELAL, Mathematics, Science, FILAL and FLAL to support the next phase of implementation and enhance, revise, and revisit resources to build capacity.
- Develop partnerships to supplement capacity of ARPDC
 - School Authority Secondments/Partnerships
 - Subject Specific Organizations

Key Strategy Two - Sharing of Resources

- Communicate the principles of Open Source sharing embodied in the ARPDC Curriculum site.
- Support school divisions to share resources through the ARPDC Curriculum website.
- Strengthen awareness and development of On Demand Learning Opportunities.
- Populate the Alberta Curriculum Boards with ARPDC-created resources.

Key Strategy Three - Communication of Progress and Opportunities

- Establish a Stakeholder Assurance Framework
- Strengthen the ARPDC presence on Social Media Platforms
- Strengthen awareness of the ARPDC through enhancement of the New Curriculum Website
- Strengthen awareness of the opportunities for professional learning through the ARPDC Newsletter

COMMITTEE MEMBERSHIP

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COMMITTEE MEETINGS

Day/Date	Times	Locations (Virtual/FtoF in...)
October 10. 2023	9:00-11:00	Virtual
Oct 30/31, 2023	8:30 -4:30, 8:30 -3:00	Calgary
November 14. 2023	9:00-11:00	Virtual
December 12 2023	9:00-11:00	Virtual
January 9. 2024	9:00-11:00	Virtual
February 13.2024	9:00-11:00	Virtual
March 12.2024	9:00-11:00	Virtual
April 9. 2024	9:00-11:00	Virtual
May 14. 2023	9:00-11:00	Virtual
June 2023	TBD	TBD

COMMITTEE DELIVERABLES

<p><u>Mathematical Concepts Learning Opportunities</u></p> <p>What are they? How do you teach them?</p> <p>Strategies to build student understanding with foundational abstract concepts.</p> <p><u>English</u></p> <ul style="list-style-type: none"> Decimals Integers Prime and Composite Number Multiplicative Operations with Numbers Fractions Algebra <p><u>French</u></p> <ul style="list-style-type: none"> Fractions Algebra Geometry 	<p><u>Vocabulary Resources</u></p> <p>Curriculum Terminology</p> <p>KUSPs (Know, Understand, Do)</p> <p>Learning Outcome</p> <p>Algorithm</p> <p>Verbs</p> <p>Critical role in setting the standard for depth of KUSP and how student achievement of the learning outcome is to be assessed</p> <p><i>(In both English and French)</i></p>	<p><u>Split-Grade Planning & Implementation Learning Opportunity</u></p> <p>Year Planning</p> <p>Resource Ideas</p> <p>Bring it to Life in the Classroom</p> <p>Community of Practice</p> <p>Development of summary resource</p>
<p><u>Available Resources Curation Summary Resource</u></p>	<p><u>School Administrator Support Resources</u></p>	<p><u>Support for Finding/Evaluating Potential Diagnostic Assessment Tools and Supports</u></p>
<p><u>Version Francais: Plan pour les mathématiques en français m à 6</u></p>		

DELIVERABLE TIMELINE

