



Implementation 2016-2017 (Anglophone Sector)

Everyone at their best

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Introduction

The release of the 10-year education plan in September 2016 marked the beginning of a system-wide effort to continuously improve education outcomes in New Brunswick. The real work is in the execution. As part of the process, a commitment was made to establish an annual implementation plan using formal management principles, tools and methods. This process was established in collaboration with districts, stakeholders and early learning services. This implementation plan outlines Year 1 priorities for our system, and updated plans will be prepared collaboratively and released each year.

Clearly, we must focus on a few critical priorities first, and undertake them with vigour, determination and confidence as well as in a spirit of collaboration. To this end, through extensive consultation and in collaboration with school districts, Literacy, Numeracy and Early Childhood have been identified as the first three priorities to address, as they are foundational to students' learning and cross over many of the nine objectives within the plan. This approach enables us to build on successes in these three areas while strengthening foundational supports for the other objectives of the plan. The key actions for 2016-17 and related measures are found in the *Priority* section, following the introduction. Even though these three areas are highlighted this year, there are ongoing actions occurring that relate to all nine objectives. Efforts in areas such as mental fitness and resilience, First Nations, French Second Language, skilled trades, coding, integrated service delivery, assessment practices and newcomers to New Brunswick are all contributing to progress being made in a variety of objectives.

The section *Foundational Work in Other Objectives* reflects the collaborative nature of the work between the Department of Education and Early Childhood Development and the school districts on each of the nine objectives. There are also many partners in education that contribute to these areas.

Ongoing consultation, collaboration and clear communication are the key to successful execution of this plan. An implementation team has been established to consider and advise how to best achieve the nine objectives over the course of the plan.

Everyone at their best is a rallying call to all members of the learning community. Together, we can realize these goals.

Priority Areas - 2016–2017

Priority: Literacy K-2 – Improve literacy skills for all learners.

This year's focus will be specific to the Kindergarten to Grade 2 levels. Therefore the grade 2 level is the first measure we anticipate will be impacted, as highlighted below.

Indicator	Actual		Target 2026
% of pre-school learners at appropriate development in language and communication	TBD		TBD
% of students achieving appropriate and higher levels of performance on provincial reading		73.8%*	90%
assessments	Grade 4	TBD Under Development	90%
		Fall 2016	90%
% of students achieving appropriate or higher on the provincial English Language Proficiency Assessment (ELPA)	Grade 9	80.4%	90%
% of students scoring at higher performance levels in reading on PCAP (national) and PISA (international) measures		2017	TBD
		42.5%**	52.5%

*Note, this number is different than the number published in the Education Plan as it has been updated to reflect 2016 data. **Note, this number reflects 2012 PISA data as 2015 figures for reading are not available yet as reading was a minor domain.

The education plan outlines key areas of focus for each objective. For literacy, these are:

- 1 Increase early learners' ability to use and understand language to provide a solid foundation for learning.
- 2 Provide learners with quality experiences, instruction and assessments throughout the system to ensure they achieve the highest levels of literacy.
- 3 Provide training and coaching for educators in high yield teaching strategies to best serve learners' diverse needs.
- 4 Provide effective, timely and targeted literacy interventions to ensure that the needs of the range of learners are met.

The table below captures the 2016-17 initiatives that will address this objective and shows the link between the initiative and the key areas of focus.

2016-2017 Initiatives to Achieve the Objective	Link to Key Areas of Focus
Apply formal management tools and processes to determine the root cause of decreasing achievement rates at the Grade 2 level	2
Create an accountability framework to link classroom instructional practices to long-term outcome targets	2
Create a mechanism to gather classroom-based data to inform the selection of most effective practices, to gauge overall progress and determine professional learning needs of educators	2, 3, 4
Work with teachers to investigate and apply new approaches to instructional practice that align with research in effective literacy instruction	1, 2, 3, 4
Implement a teaching process map and intervention process map to support effective instructional practice (process, expertise and pedagogy)	2
Implement formative assessment as a tool for instructional practice, with teacher self-assessment of their progress in effectively using this high yield strategy	2, 3, 4
Develop a needs assessment to determine teachers' understanding and use of balanced literacy practices	1, 2
Create lead positions to support teachers with professional learning through coaching, using the New Brunswick model of instructional coaching	3
Increase the availability of in-class student intervention by classroom teachers, with support from literacy lead positions	4
Engage principals, district educators and other key partners in developing and implementing strategies to improve literacy achievement	1, 2, 3, 4
Facilitate weekly communication with each team of K-2 leads to share celebrations and address challenges	2,4
Translate Grade 1 resources in preparation for French immersion classes	2

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Priority: Early Childhood – Ensure all pre-school children develop the competencies they need to be successful in school and in life.

Indicator	Actual	Target 2026
% of children who are identified at risk at kindergarten	TBD	Less than 10%
% of parents who report that their child demonstrates appropriate levels of development prior to school entry	TBD	TBD
% of parents who indicate that their child regularly participated in at least one early childhood service prior to school entry	TBD	TBD

The education plan outlines key areas of focus for each objective. For early childhood, these are:

- 1 Support parents to maximize their children's optimal development through the concept of a single-point of access to early childhood and public school services. This will facilitate the promotion of and access to programs, services and resources for families.
- 2 Identify, as early as possible, children who are at risk for developmental delays and living with factors of vulnerability.
- 3 Provide programs, services and intervention for children and families according to their needs.

The table below captures the 2016-17 initiatives that will address this objective and shows the link between the initiative and the key areas of focus.

2016-2017 Initiatives to Achieve the Objective	Link to Key Areas of Focus
Identify and administer an evaluation tool to follow children's developmental trajectory from birth, to determine the current state	2

Priority: Numeracy K-2 – Improve numeracy skills for all learners.

Indicator	Actual		Target 2026
% of pre-school learners at appropriate development in problem solving and communication	TBD		TBD
% of students achieving appropriate and higher levels of performance on provincial mathematics assessments		TBD Under Development	90%
	Grade 6	20.2%	90%
		TBD Under Development	90%
% of students scoring at higher performance levels in mathematics on PCAP (national) and	PCAP	32%	47%
PISA (international) measures		31.2%*	59.5%
% of students in Grade 12 who report that they are able to use their financial literacy skills			TBD

*Note, this is data from PISA 2012. PISA 2015 figures are not available yet as math was a minor domain.

The education plan outlines key areas of focus for each objective. For numeracy, these are:

- 1 Increase early learners' access to quality learning environments that foster the development of foundational concepts in numeracy to position them for future success in this area.
- 2 Provide learners with quality experiences, instruction and assessments throughout the system to ensure they

can readily apply mathematical concepts to real-world situations and develop an appreciation of the value of mathematics.

- 3 Provide training and coaching for teachers in high-yield teaching strategies to best serve learners' diverse needs.
- 4 Provide effective, timely and targeted numeracy interventions to ensure that the needs of the range of learners are met.

2016-2017 Initiatives to Achieve the Objective	Link to Key Areas of Focus
Implement a teaching process map and intervention process map to support effective instructional practice (process, expertise and pedagogy)	2
Implement formative assessment as a tool for instructional practice, with teacher self-assessment of their progress in effectively using this high yield strategy	2, 3, 4
Monitor the amount of instructional coaching being offered to K-2 classroom teachers	1, 2
Create lead positions to support teachers with professional learning through coaching, using the New Brunswick model of instructional coaching	3
Increase the availability of in-class student intervention by classroom teachers, with support from numeracy lead positions	4
Engage principals, district educators and other key partners in developing and implementing strategies to improve numera- cy achievement	1, 2, 3, 4
Develop Grade 2 resources to support teachers in following the teaching process map and maintain an online site with access to the tools.	2
Facilitate weekly communication with each team of K-2 leads to share celebrations and address challenges	2,4
Translate Grade 1 resources in preparation for French immersion classes	2

Foundational Work in Other Objectives

Objective	Key Deliverables 2016-17		
	Department Contributions	District Contributions	
 Ensure all learners value di- versity and have a strong sense of belonging 	 Provide professional learning opportunities for class- room teachers to support the transition and success of Newcomer Learners Hire a dedicated learning specialist to support leadership and coordination in Newcomer Learners initiatives Provide funding to all school districts to support LGBTQ Inclusive Education Provide funding to school districts to support initiatives designed to foster diversity and respect 	 ASD-East: Provide the tools and training necessary for accommodation and translation to Newcomer Learners Provide extensive training for all resource teachers and classroom teachers where newcomers have arrived Support Mental Health initiatives in all high schools through the Mental Health Symposium Train All Grades 3 – 5 teachers on the new Personal Development Career Planning curriculum Train all school staff in Changing Minds and Zones of Regulation training in schools ASD-West: Create ASD-W Policy # 703-14 Sexual Violence Policy Establish the ASD-W Newcomer Welcome Centre Finance a coordinator to focus on Positive Learning and Work Environment Policy and Behaviour Support English as Additional Language – coordinator, leads and itinerant teachers Explore curriculum for advanced learners in three large high schools Support Active First Nations Enhancement Committees to enhance learning among First Nations students ASD-North: Work with staffs on culturally responsive teaching and the brain Support curriculum trainers of the CAR curriculum working with schools Offer LGBTQ training awareness for schools Design guidance template for training and develop anti-bullying strategies in schools Equip 50% of schools with resources and provide training in mindfulness and self-regulation strategies ASD-South: Offer professional learning with middle and high schools on LGBTQ issues Identify LGBTQ as an ends policy (DEC leading) Support schools in the development of a Gay Straight Alliance (GSA) and provide assistance to those schools which do not have a GSA Develop a LGBTQ resource package and present to principals who will then present to teachers on a professional learning day Offer professional learning with schools around cultural diversity in association with Syrian newcome	

Objective	Key Deliverables 2016-17		
	Department Contributions	District Contributions	
2. Ensure all pre-school children develop the competencies they need to be successful in school and in life	 Implement Levels 1 and 2 of the preschool autism training program Improve the Day Care Assistance Program Develop a training strategy for early childhood educators Implement Phase 2 of the Introduction to Early Childhood Education online course 	 ASD-East: Coordinate Everything Early Years Network in schools Use social media to reach and inform parents, including website and Facebook page for parents Offer seminar on Children's Rights Support shared space at Forest Glen School pilot project Facilitate a book study with Early Childhood Educators to improve learning environments Offer a summer program for Syrian Newcomers at Edith Cavell school to support transition to school ASD-West: Establish a focus group for Daycare review to establish priorities Support Integrated Service Delivery project Establish bridging project Engage in collaborative professional learning with Education and Early Childhood Plan multiple professional learning events with University of New Brunswick ASD-North: Establish a Bridging project around responsive environments between Kindergarten teachers and early childhood deucators Offer cultural education with the Healthy Child Networks Collaborate with Early Childhood Teachers in introducing the early childhood sector with behavior plans Offer OM y Way to K program ASD-South: Facilitate Bridging Project with 12 Educators and Kindergarten Teachers to incorporate best practices from Early Learning Facilitate Bridging Project with 12 Educators and Kindergarten Teachers to incorporate best practices from Early Learning Facilitate Bridging Project with 12 Educators and Kindergarten Teachers to incorporate best practices from Early Learning Facilitate Early Childhood Services Team to include Early Childhood stakeholders with the goal of coordinating services to young children Support the Developmental Childcare and Enhanced Support care, monitored by FACE, NBACL Consultants, and ECS Coordinators Focus on Integration of Early Learning and K-2 Learning Offer joint Early Lear	

Objective	Key Deliverables 2016-17	
	Department Contributions	District Contributions
3. Improve literacy skills for all learners	 Develop an early language and literacy module within Phase 2 of the Introduction to Early Childhood Education on line course Launch a professional learning module to support early years teachers with instructing and assessing phonolo- gical awareness Launch professional learning modules, with information and intervention materials, for Grade 9 classroom and resource teachers Increase funding to provide tutoring support for Newco- mers who require more than one year of tutoring support 	 ASD-East: Offer Fast ForWord for grade 2 intervention Develop a writing continuum for students in grades 6-7-8 Launch a high school literacy learning document, "Book Clubs: A Collaborative Inquiry Impact Model" Launch an Evidence of Student Learning Folder to support self-regulated student learning across the three strands of literacy in grades 6-12 Establish an extended support coaching model to foster assessment-capable learning in all subjects ASD-West: Continue lead positions to support literacy Provide innovative professional learning with regards to Shelfie Talk, Writer Makerspace, and Book Clubs Develop formative assessment tools Develop formative assessment tools Overlop curriculum supports in literacy standards, resources and assessments Offer Learning Partnership – Turning Points Writing Initiatives ASD-North: Provide professional learning for K-8 teachers in formative assessment practices Pilot a group on formative assessment practices for high school Offer Read 180 literacy intervention in several high schools and middle schools Provide supper meetings to support best practices including vocabulary development and word work strategies Administer a Grade 2 District writing assessment Administer an on-going skills assessment – K-2 benchmark ASD-South: Pilot at Kindergarten increasing exploratory learning like Talk With Me providel Books, Books raining with Literacy Leads, Early Childhood Educators and Kindergarten teachers Establish Early Learning Literacy Lead Teacher positon to provide literacy support to Early learning facilities and Kindergarten Classes Develop a recommended book list for preschool Talk with Me Speech Language Pathologists and ASD-South Literacy Coordinators and Early Childhood Evices Coordinators Develop resource sheet for ideas to

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Objective	Key Deliverables 2016-17		
	Department Contributions	District Contributions	
4. Improve nume- racy skills for all learners	 Provide numeracy assessment and intervention training to 50 Education Support Teachers – Resource Pilot Grade 9 Screener and Intervention Review results from the Grade 6 provincial math results and make recommendations for improvement Target work with School Districts and Math Subject Coordinators specific to Grade 6 math performance 	 ASD-East: Implement Dreambox Math in select schools as an intervention tool Continue support for Grade 5 and 8 math teachers through professional learning Triangulate data and assessment work with a team of high school educators Administer K – 9 math screeners 3 times a year as a progress monitoring tool Shift School Improvement Model to address an area of need / focus in all schools (e.g., assessment practices, Tier 1 strategies) ASD-West: Administer a Grade 9 screener at Woodstock High Support numeracy leads to grade eight Develop assessment support tools for math Develop a numeracy portal site Offer support in how to facilitate combined classes Implement K-2 Math Pilot in all schools Hire additional leads to provide support for a pilot at grades 3-5 and 6-8 (3 schools at each level) Focus on assessment practices at all levels, especially at K-8 Facilitate supper meetings to support numeracy instruction and sharing of effective instructional resources ASD-South: Focus on alignment of Math questions to PISA style Offer professional learning on Math Leadership, Formative Assessment and Practices and promote conversation, observation and products 	

Objective	Key Deliverables 2016-17	
	Department Contributions	District Contributions
5. Improve learning in, and applica- tion of, the arts, science, trades and technology for all learners	 Update Fine Arts Curricula: <i>Music 122</i> curriculum and <i>Graphic Design 110</i> curriculum to reflect changing technologies Pilot <i>Human Physiology 110</i> Complete the K-10 Science framework to support the development of new science curricula Update the <i>Spotlight on Skills</i> (Grades 3-8) documents to support strengthening science inquiry skills Pilot <i>Computer Science 110</i> curriculum 	 ASD-East: Employ Discovery Education in 6 schools Provide professional learning opportunities for classroom teachers to support inquiry-based learning with their students Attend STEM Expo at NBCC March 2017 Revive band programs in a few schools with the help of a music specialist Implement The Imagine League – a special project to develop creative hubs within schools Invite music performances from different schools at each of our Principals' meeting to raise awareness of what is happening in our district ASD-West: Invest in skilled trades facilities – Woodstock (auto), Hartland (welding), Carleton North (Community Partnership) Utilize Brilliant Labs and Makerspace; build partnerships with Microsoft and Mindcraft Participate in Hour of Code Host the Learn East Conference and STEAM Expo Develop "I Can" Statements in French and English (Science) Create Balanced Science Lessons (Inquiry-based learning or problem-based learning) Offer professional learning and model lessons in Fine Arts Organize and participate in Dramafest ASD-North: Offer STEM Fest Provide a science lead working with schools in skills and competencies Facilitate Teacher Think Tanks and screening of Most Likely to Succeed Cultivate strategic partnerships with NBCC and Brilliant Labs Offer Innovative Teachers project to support innovation at the classroom level ASD-South: Engage Brilliant Labs to work with schools to increase STEM learning Establish partnerships for trades with high schools, e.g., Welding Association Support NB Teen Apprenticeship Program Provide a Music Specialists at Elementary Level and a Fine Arts lead teacher Promote Systema program in Saint John Ed Center, supported by District and EECD Share Spotlight on Skills Programs Provide Scienc

Objective	tive Key Deliverables 2016-17	
	Department Contributions	District Contributions
6. Meet the needs of First Nation learners and en- sure that provin- cial curriculum is reflective of First Nation history and culture	 Complete Social Studies Modules for Grade 8 and 9 and provide professional learning Complete Native Studies Draft Curriculum Complete Wolastoqey and Mi'kmaq Language intermediate curriculum and provide professional learning Develop fifteen First Nation informational videos Develop professional learning on Culturally Responsive Teaching and Challenges Secure Elders in Residence (representing both Wolastoqey and Mi'Kmaq) to review, provide feedback, consult, and develop FN education materials Complete Music and Art First Nation content kits and provide professional learning Complete inclusion of First Nations content in Literacy grades 9-12 and provide professional learning Complete translation of First Nations legend books produced by EECD Fulfill EPP obligations Provide professional learning for senior leaders at EECD and districts on the Truth and Reconciliation Calls to Action Develop augmented resources to support curriculum in math, literacy, and technology Develop extra-curricular project supporting trades and numeracy through welding summer camps Facilitate the Treaty Education Provincial Committee in completing the final review of Grade 3 and 4 Treaty Education resources, previously piloted in four provincial schools and three band-operated schools 	 ASD-East: Support a middle school teacher in attending the national First Nations conference Attend First Nations learning summit (two administrators) ASD-West: Participate actively in the Enhanced Services Agreement Provide Wolastoqey language learning opportunities Offer a book study with a First Nations focus Support First Nations leads to enhance culture and curriculum for all students ASD-North: Provide cultural awareness for all principals, subject coordinators and all schools Establish NEAT committees set in all schools with large First Nations (FN) attendance Support FN leads supporting schools in delivering culturally responsive teaching Provide a FN Language and Culture teacher who works with schools to implement cultural activities Facilitate professional learning cultural awareness opportunities Establish culture rooms in schools with large FN presence Purchase numerous resources for teachers and students to support acculturation of the curriculum ASD-South: Provide First Nations resources to schools for new curriculum and other curricula that now include First Nations content Offer guest speakers at KVHS: Circle of Understanding

Objective	Key Deliverables 2016-17	
	Department Contributions	District Contributions
7. Ensure all learners develop the knowledge, skills and beha- viours needed to continually adapt to, and thrive in, their environment	 Create a working group of key stakeholders to examine the root cause of classroom composition challenges and make recommendations for improvement Develop shared understanding by defining mental fitness and resiliency Develop a self-assessment tool for mental fitness Implement the updated reporting process in Anglophone East and North in Grades K - 8 Work with high school leaders to examine the evaluation, assessment and reporting in Grades 9 - 12 Pilot a study skills course for Grade 12 students that builds self-efficacy and literacy skills Complete Learning Disabilities Framework document Fund the implementation of the RTI for Behaviour: A PBIS Resource for School-based Teams Provide a behaviour planning tool (Personalized Learning Plan – Individual Behaviour Support Plan) to support schools and districts Develop a Functional Curriculum tool and begin to plan for a 9/17 pilot Enroll all Educational Assistants and School Intervention Workers in Autism Spectrum Disorder and Behavioural Interventions on-line training Implement Grade 3-5 wellness Establish school pilot sites for Personalized Learning initiative Pilot K-5 Physical Education and Outdoor Education 110 Curriculum 	 ASD-East: Work with select classes in implementing "New Pedagogy for Deep Learning" (NPDL) Create and further develop individual school Information Communication Technology (ICT) teams Intentionally include mental health in the Positive Learning and Work Environment Plan Coordinate District Health Action Committee to support mental health initiatives Complete a Response to Intervention self-assessment tool and use this data for planning (all schools) ASD-West: Implement a positive mental health initiative and Healthy School Planner Provide district-wide professional learning in Trauma Informed Practices and Suicide Response Protocol ASD-North: Facilitate Middle and high school attendance project - root causes and building relationships Establish Mental Fitness subcommittee with health and education doing awareness talks and supporting training of the CAR curriculum Support 14 schools with school-wide PBIS projects Train a core group of principals, counselors and district staff in restorative practices ASD-South: Implement Attendance Matters: Major promotional campaign and tools developed to inform parents and community of the importance of children to being on time and in school Provide Mental Health First Aid Train the Trainer and 12 Training Sessions Provide professional learning on Changing Minds, ASSIST, and Non-Violent Crisis Intervention Offer Fun Friends Training for Early Learning Educators and K teachers, and staff Develop and distribute Positive Behaviour Intervention Support (PBIS) survey to principals and provide professional learning based on results Reflect Positive and Restorative Practices in Positive Learning and Work Environment Plan Provide training in Middle School Restorative Practices in 3 middle schools Implement Integrated Service Delivery and determine process

Objective	Key Deliverables 2016-17	
	Department Contributions	District Contributions
8. Improve levels of French language literacy to help all learners access a variety of bilingual oppor- tunities and life experiences	 Prepare programming to launch a Grade 1 entry point for French Immersion in September 2017 Complete research to provide innovative ways to enhance French instruction in rural schools Implement reading and writing achievement standards for Grades 3 - 12 French Immersion Language Arts Launch classroom tools to support student understan- ding of the Common European Framework of Reference and second language proficiency 	 ASD-East: Revise Common European Framework of Reference with Grade 9 teachers Develop New Idello videos Support Français pour l'avenir – Université de Moncton Offer a motivational French speaker from Université de Moncton Present Le français, un cadeau to all high school students and large middle schools Offer Turning Points writing partnership with middle level French Immersion classes ASD-West: Support student participation in the Summer Learning Program Partner with University of New Brunswick Second Language Research Institute of Canada Offer professional learning for teachers in systemic sound instruction and reading strategies Support Universal Design for Learning in French Immersion Offer professional learning in Running Records and Guided Reading in French Immersion Implement culture activities schools to promote engagement ASD-North: Offer coaching and co-planning between French Second Language (FSL) Leads and teachers Offer Supper meetings to share best practices in FSL instruction Facilitate French second language improvement sessions for teachers to improve language skill ASD-South: Offer Good For Kids program release time for French Immersion teachers to provide support for students with additional needs Provide French Literacy Lead Positions Offer professional learning for teachers and admin on Common European Framework of Reference Offer professional learning for teachers and admin on Common European Framework of Reference Offer professional learning on guided instruction and quality questions with FI SPRs

Objective	Key Deliverables 2016-17	
	Department Contributions	District Contributions
9. Foster leadership, active citizenship and an entrepre- neurial mindset	 Department Contributions Launch a series of projects to promote authentic learning, active citizenship and celebrate Canada 150 Update the World Issues 120 curriculum 	 District Contributions ASD-East: Create partnerships with select schools and local business to increase engagement in authentic learning (e.g., BestBuy) Create partnerships with industry in the trades area to promote proper tool use, professional development and real world industry applications Support JDI Irving tours with all grade 10 students Support District Arrow Career fair with all high school students Host the Canadian Skills Competition ASD-West: Partner with the Learning Partnership with Entrepreneurial Adventures Support a Leadership Lead and complete a scan of student leadership Include Superintendent participation in Student Leadership Conference Support Chatter High program Provide student finance for students in the Shad program Organize and coordinate a Heritage Fair Implement the Salmon Federation – Fish Friends program ASD-North: Facilitate student focus groups at the high school level Support WE Day Offer the Spirit of Christmas project with schools in the Bathurst area ASD-South: Work with Brilliant Labs to determine how to maximize their support to schools with entrepreneurial and STEM project ideas Offer the Learning Partnership Entrepreneurship program at middle schools Offer Junior Achievement Programs at Elementary Explore with high schools, the establishment of an ASD-S Centre for Entrepreneurship in Saint John Promote high participation in the NB Leadership Program