State of the Nation:
K–12 E-Learning in Canada

Rapport sur la situation nationale
du e-learning en M-12 au Canada

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CANeLearn
Manitoba
First Nations Education
Resource Centre Inc.
Centre
francophone
d'éducation à distance
ADLC
Alberta Distance
Learning Centre
Virtual
HIGH SCHOOL
learn

Methodology

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
NL	KS / DA	MoE / DA	DA	MoE	DA	MoE / DA	MoE / DA	MoE	MoE / KS / DA	KS / DA
NS	DA	MoE / DA	MoE / DA	MoE / DA	MoE / DA	MoE	MoE	MoE	MoE	MoE
PE	DA	KS / DA	MoE	MoE	MoE	MoE	MoE	MoE	MoE	MoE
NB	DA	MoE / DA	MoE	MoE / DA	MoE	MoE	MoE	MoE	MoE	MoE
QC	KS	KS / DA	MoE / KS	MoE / KS	MoE / KS	MoE / KS	MoE	MoE	MoE / KS	KS
ON	KS / DA	KS / DA	KS / DA	MoE / DA	MoE / DA	MoE / KS	MoE / KS	KS / DA	KS / DA	MoE / KS / DA
MB	KS	MoE / DA	MoE	MoE	MoE	MoE	MoE	MoE	MoE	MoE
SK	KS / DA	MoE	MoE	MoE / KS	MoE / KS	MoE / KS	MoE	MoE	MoE / KS	MoE / KS
AB	DA	KS / DA	KS / DA	MoE	MoE / DA	MoE / DA	MoE / KS	MoE	MoE / DA	MoE / DA
BC	MoE / DA	MoE / DA	MoE	MoE	MoE	MoE	MoE	MoE	MoE	MoE
YT	DA	KS / DA	MoE / DA	MoE	MoE	MoE	MoE	MoE	MoE / KS	MoE / KS
NT	DA	MoE / DA	DA	MoE	MoE	MoE	MoE	MoE	MoE	MoE / DA
NU	DA	MoE	MoE	MoE	MoE	MoE	MoE / KS	MoE / KS	KS / DA	MoE
Federal	-	-	-	-	-	AANDC / KS / DA	AANDC / KS	INAC / KS	INAC / KS	INAC / KS

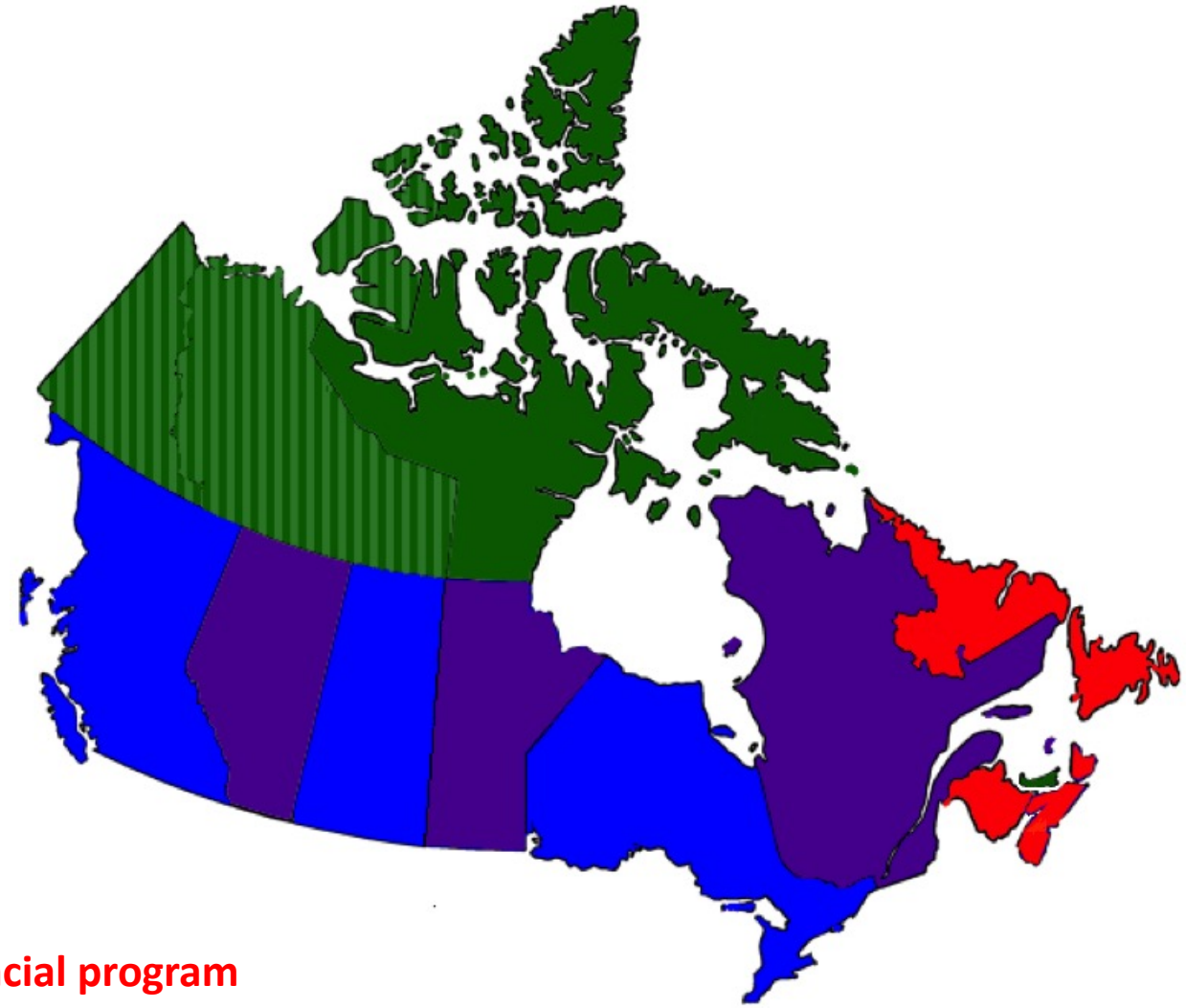
Individual Program Survey

	Total Number of Programs	Number of Programs Responding	Response Rate
NL	1	0	0%
NS	2	0	0%
PE	0	-	-
NB	2	2	100%
QC	4	2	50%
ON	81	7	9%
MB	38	1	3%
SK	21	5	24%
AB	49	9	18%
BC	79	22	29%
YT	2	2	100%
NT	1	1	100%
NU	0	-	-
Federal	5	2	40%
Total	285	53	19%

Nature of K-12 E-Learning Regulation

	Legislation	Policy Handbook	Agreements	Memorandum of Understanding
NL				
NS	✔			
PE	✔			
NB		✔		
QC				
ON		✔	✔	
MB	✔	✔		
SK				
AB	✔	✔		
BC	✔		✔	
YT	✔			✔
NT	✔	✔		✔
NU	✔			✔
Federal				

Nature of Activity



Single provincial program
Primarily district-based programs
Combination of provincial and district-based programs
Use online learning programs from other provinces

Level of K-12 E-Learning Activity

	# of K-12 students	# enrolled in e-learning	Percent involvement
NL	66,323	~8,000	12.1%
NS	119,383	~54,000	45.2%
PE	20,131	89	0.4%
NB	98,906	9,179	9.3%
QC	1,003,322	~47,900	4.8%
ON	2,003,253	~559,000	27.9%
MB	183,304	8,941	4.9%
SK	177,787	~8,500	4.8%
AB	704,813	~50,000	7.1%
BC	635,037	~63,350	10.0%
YT	5,122	1028	20.1%
NT	8,449	79	0.9%
NU	9,728	~40	0.4%
Federal	~107,000	1,927	1.8%
Total	*5,142,548*	*812,033*	*15.7%*

K-12 Distance/Online Learning Activity

	# of K-12 students	# enrolled in distance/online learning	Percent involvement
NL	66,323	968	1.5%
NS	119,383	~2,600	2.2%
PE	20,131	89	0.4%
NB	98,906	3,262	3.3%
QC	1,003,322	~42,600	4.2%
ON	2,003,253	~91,000	4.5%
MB	183,304	8,941	4.9%
SK	177,787	~8,500	4.9%
AB	704,813	~50,000	7.1%
BC	635,037	57,046	9.0%
YT	5,122	189	3.7%
NT	8,449	79	0.9%
NU	9,728	~40	0.4%
Federal	~107,000	1,289	1.2%
Total	*5,142,548*	*277,603*	*5.4%*

K-12 Distance/Online Learning Activity

Year	# of distance education students	% of students engaged in distance education
1999-2000*	~25,000	0.5%
2008-09	~140,000	2.7%
2009-10	150,000-175,000	2.9%-3.4%
2010-11	207,096	4.2%
2011-12	245,252	4.9%
2012-13	284,963	5.2%
2013-14	290,185	5.4%
2014-15	311,648	6.0%
2015-16	293,401	5.7%
2016-17	277,603	5.4%

* (Canadian Teachers Federation, 2000)

K-12 Blended Learning Activity

	# of K-12 students	# enrolled in blended learning	Percent involvement
NL	66,323	~8,000	12.1%
NS	119,383	~54,000	45.2%
PE	20,131	-	-
NB	98,906	5,917	6.0%
QC	1,003,322	~5,300	0.5%
ON	2,003,253	~468,000	23.4%
MB	183,304	-	-
SK	177,787	-	-
AB	704,813	-	-
BC	635,037	~6,300	9.9%
YT	5,122	830	16.2%
NT	8,449	-	-
NU	9,728	-	-
Federal	~107,000	638	0.6%
Total	*5,142,548*	*657,985*	*12.7%*

K-12 Blended Learning Activity

	# students engaged in blended learning		
	2014-15	2015-16	2016-17
NL	9360*	10,905*	~8,000*
NS	54,000**	95,500**	~54,000**
PE	***	***	***
NB	5208	4171**	5,917**
QC	36,500**	44,500**	~5,300
ON	237,930*	237,930*	~468,000*
MB	***	***	***
SK	***	***	***
AB	***	***	***
BC	***	6578****	~6,300****
YT	379	653	830**
NT	***	***	***
NU	***	***	***
Federal	***	***	638**
Total	*343,377*	*400,237*	*657,985*

* Estimate based on learning management system data
** Data provided by Ministry
*** Unable to estimate level of activity
**** Data extracted from individual program survey response

2017 Annual Study

Report

- 1-2 brief issue papers
- 7 vignettes

Website

- moving discussion of the trends from report to individual blog posts
- French language version

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10th ANNIVERSARY / 10e ANNIVERSAIRE

Accueil

La présente étude a pour but d'examiner de façon exhaustive l'état actuel de toutes les formes d'apprentissage électronique, telles que les programmes à distance, en ligne ou mixte, de la maternelle à la 12e année au Canada. Ce rapport sur l'état de l'apprentissage électronique de la maternelle à la 12e année au Canada fait une mise à jour de la gouvernance provinciale, territoriale et fédérale et de la pratique de l'apprentissage électronique de la maternelle à la 12e année dans chaque ressort. Ce rapport propose aussi une série de vignettes qui mettent en évidence des programmes d'apprentissage électronique existants ainsi que leurs acteurs principaux.

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Manitoba First Nations Education Resource Centre Inc.

Naviguez notre contenu en français:

- Accueil
- Rapports de recherche
- Données et informations
- Documents de référence sur des questions ou défis
- Publications et présentations
- Commanditaires
- Intentions
- Contactez-nous

Manitoba

Population : 1 272 000
Nombre d'écoles (M-12) : 869
Nombre d'élèves (M-12) : 183 304

Nombre de programmes d'apprentissage en ligne (M-12) : ~38
Nombre d'élèves en apprentissage en ligne (M-12) : ~8 000

Notez que ces profils sont tirés de la dernière édition du rapport. Veuillez consulter les profils annuels supplémentaires ci-dessous.

Programmes d'apprentissage en ligne (M-12)

En 2015-2016, le Manitoba Education and Advanced Learning proposait toujours trois options d'éducation à distance: l'Independent Study Option (ISO), le Teacher Mediated Option (TMO) et le Web-Based Course (WBC) Option. L'ISO propose 52 cours en anglais et 11 cours en français, par correspondance, pour les élèves de niveaux de 9 à 12. Le TMO est géré par les divisions scolaires rurales via le Consortium TMO en partenariat avec Manitoba Education et offre 19 cours en anglais. Cette option demande aux élèves M-12 de communiquer avec leurs enseignants par téléconférence ou audioconférence plusieurs fois par semaine. L'option WBC, exclusivement en ligne, présente 43 cours en anglais et 4 cours en français. Chaque district scolaire de la province a participé au développement de une ou plusieurs des options de formation susmentionnées. Toutefois, la participation varie d'année en année en fonction de l'évolution des besoins des élèves et des écoles. Les chiffres connus pour l'année scolaire 2015-16 comptent 2 668 inscriptions dans l'option ISO, 421 dans le TMO et 6 500 inscriptions pour le WBC. Dans l'ensemble, il y avait environ 9 589 inscriptions en éducation à distance dans un des services directement pris en

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State of the Nation: *K–12 E-Learning in Canada*

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10th ANNIVERSARY ANNIVERSAIRE

The purpose of this comprehensive study is to examine the current state of all forms of K-12 e-learning (i.e., distance, online and blended learning) in Canada. The *State of the Nation: K-12 E-Learning in Canada* study updates the provincial, territorial, and federal governance and activity of K-12 e-learning in each jurisdiction, along with providing vignettes to illustrate a variety of those individuals and programs providing these e-learning opportunities.

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Recent Posts

- You Have One More Citation Of Your Research
- You Have One More Citation Of Your Research
- blendED 2017 – "State of the Nation: K-12 E-Learning in Canada" Presentation
- Congrats! Your Technical Report Reached 20 Reads
- blendED 2017 – State of the Nation: K-12 E-Learning Presentation

Search

Archives

Select Month

http://k12sotn.ca

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Cross Canada Observations

Trending…

1. Blended and online practices are blurring – it is more about learning within flexible structures
2. Transition from online to blended more difficult than from classroom
3. Personalization and flexibility critical drivers in Canada
4. Competency-based emerging in new curriculum
5. Research focus on better data and exploring pockets of innovation

- BC: Navigate/NIDES, @KOOL/AVS embedded teachers, consortia/BCLN & AB
- AB: Argyll/Palliser sync, ADLC partnerships, Moodle Hub sharing
- ON: Centralized resources/tech and support, consortia & sharing
- QC: LEARN shifting sync to async & gamification
- NS/MB/NL: Centralized approaches, local partnerships

Education in Canada

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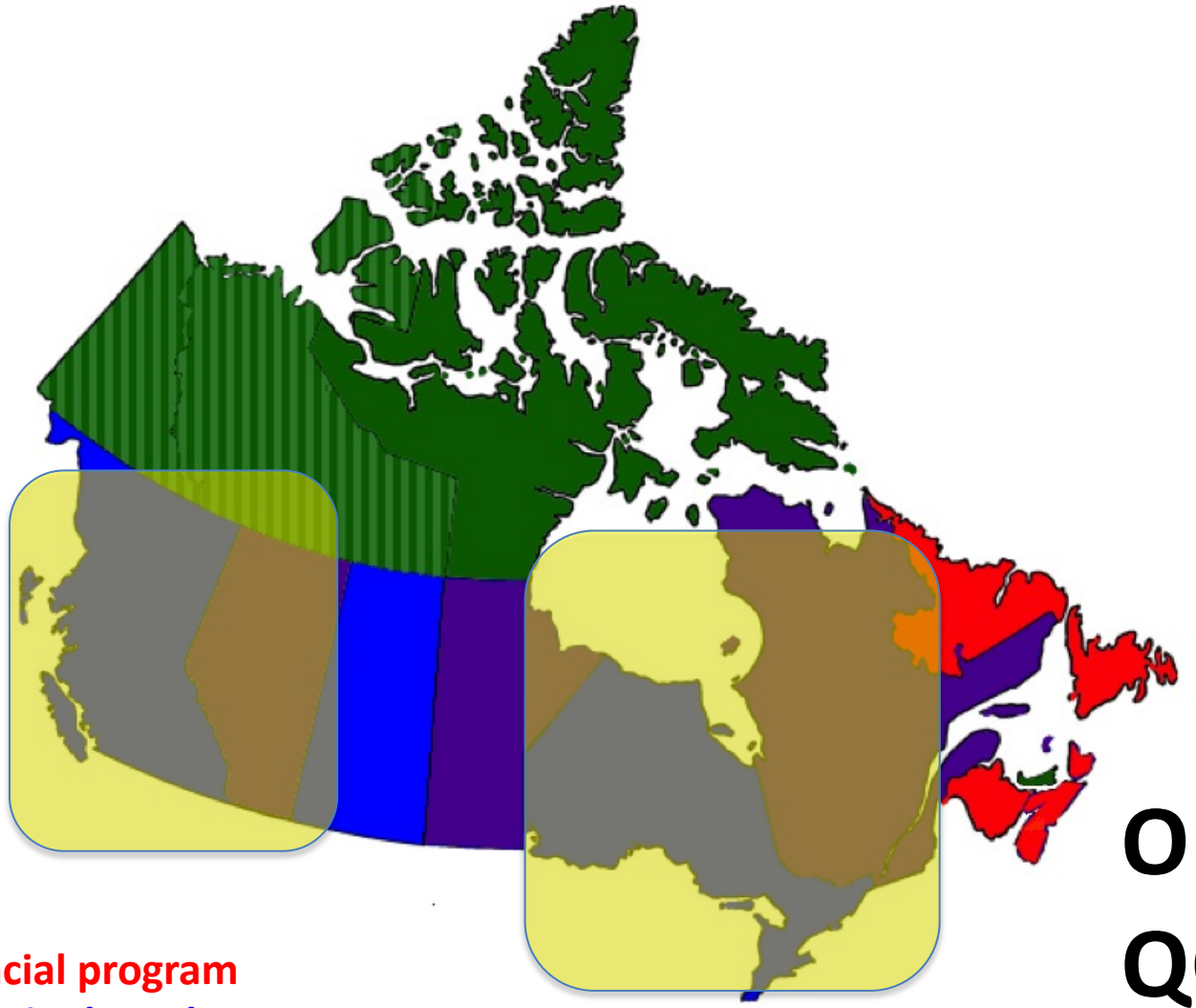
Resources for online programs

Ministry of Education produced?

- ✓ **NL, NS, NB** – *provincial program*
- ✓ **YT, NT, NU** – *provincial program*
- ✓ **MB, SK** – *mixed provincial/district*
- ✓ **QC** – *mixed provincial/district*
- ✓ **ON** – *mixed provincial/district*
- X **AB** – *mixed provincial/district*
- X **BC** – *no provincial program*

Nature of Activity



BC

AB

ON

QC

Single provincial program

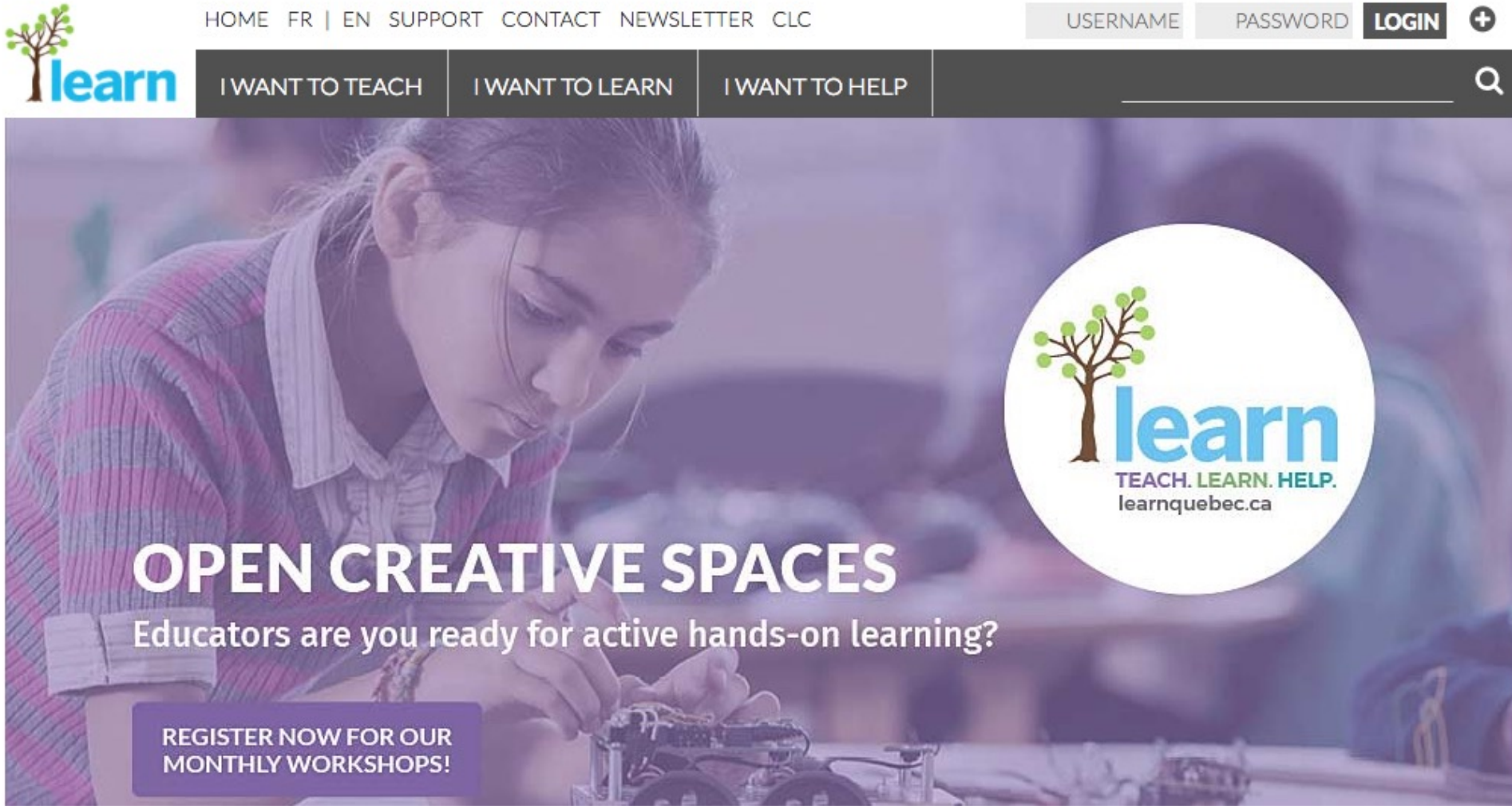
Primarily district-based programs

Combination of provincial and district-based programs

Use online learning programs from other provinces

LEARN (QC)

http://www.learnquebec.ca/home



REFAD - http://www.refad.ca/

E-Learning Ontario Resources

http://www.edu.gov.on.ca/elearning/bank.html

Ontario Educational Resource Bank

As Ontario's learning object repository, the Ontario Educational Resource Bank (OERB) offers a growing number of free digital learning resources to teachers and students, from Kindergarten to Grade 12. There are thousands of resources, including units, lesson plans, activities, maps, and interactive learning resources, which are:

School boards are responsible for issuing logins and passwords to the OERB to their students and teachers. If you are a teacher, contact your school board e-Learning Contact for this information. If you are a student, ask your teacher or Guidance Counsellor for a login and password.

CFORP (ON)

http://www.cforp.ca/

cforp | Centre franco-ontarien de ressources pédagogiques

Édition | Formation professionnelle | Librairie du Centre | Appui technologique | Imprimerie | SOS Devoirs

EN VEDETTE

Des élèves engagés à la ferme

Les francophones de l'Ontario : toute une

Vie saine

Cette nouvelle ressource

Une mentalité de croissance

http://www.edu.gov.on.ca/elearning/strategy.html

About Ontario's e-Learning Strategy

The Provincial e-Learning Strategy provides Ontario school boards, schools and students with access to valuable software and resources.

Components of Ontario's e-Learning Strategy

An overview of the technical components that make up the Provincial e-Learning Strategy.

Learning Management System (LMS) – a digital teaching and virtual learning environment.

Ontario Educational Resource Bank (OERB) – a digital library of Ontario curriculum-tagged resources.

E-Community Ontario – an online community for teachers and school boards in the provincially-funded education system.

Seat Reservation System (SRS) – a tool that lets school boards share seats in secondary school e-learning credit courses across the province through digital reservations.

Resources for online programs?

Ministries of Education

- ✓ Rest of Canada
  - X AB
  - X BC

https://www.adlc.ca/

ADLC Alberta Distance Learning Centre

STUDENTS EDUCATORS STAFF LOGIN CONTACT MORE

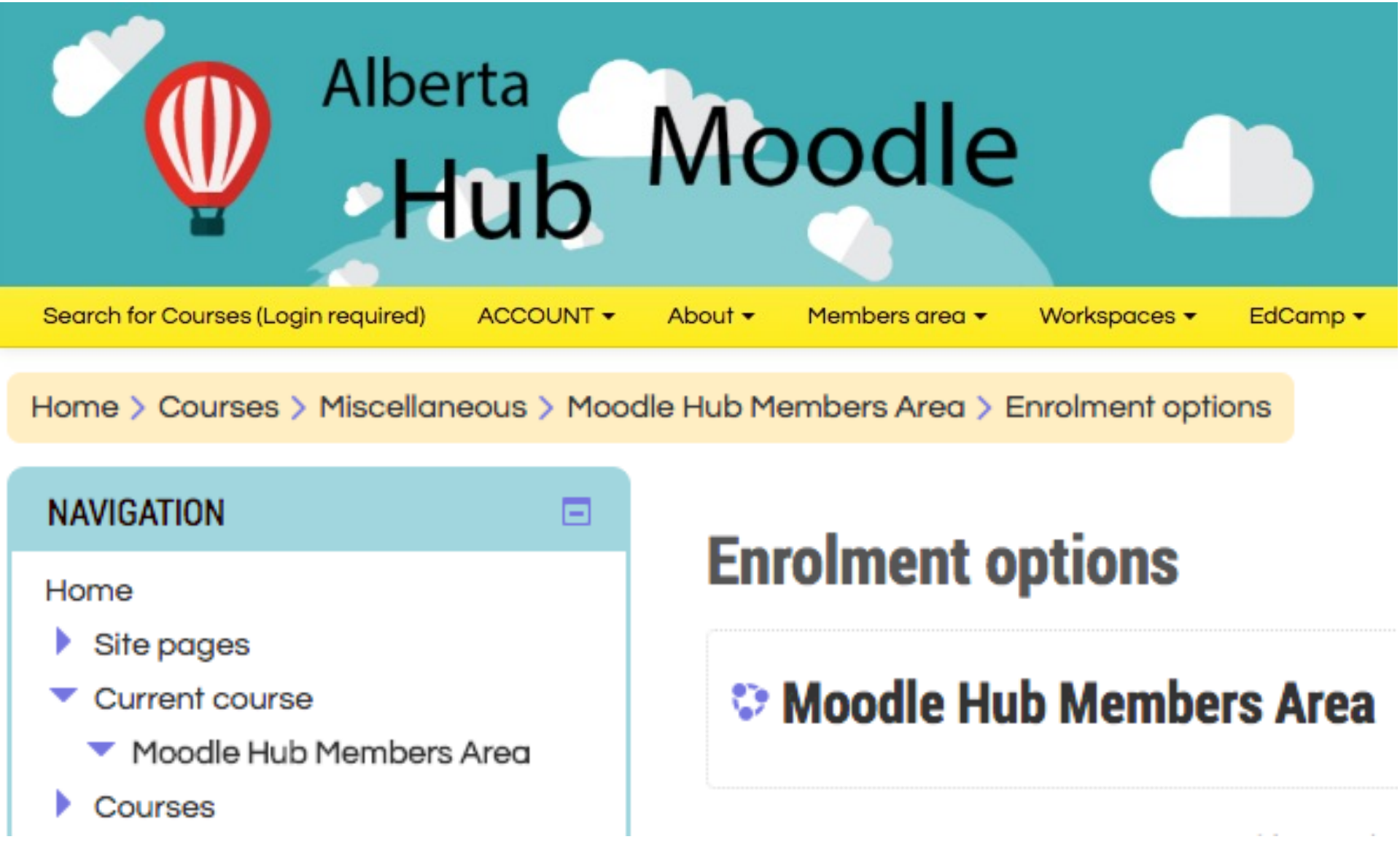
Welcome to ADLC

Welcome to Alberta Distance Learning Centre | ADLC. We are a critical partner in the Alberta Education system, providing 21st century learning opportunities to meet the diverse and evolving needs of Alberta's students.

Read More

Alberta Moodle Hub

http://hub.rockyview.ab.ca/



BC Learning Network

https://bclearningnetwork.com/

~~BC~~ Western Canada Learning Network

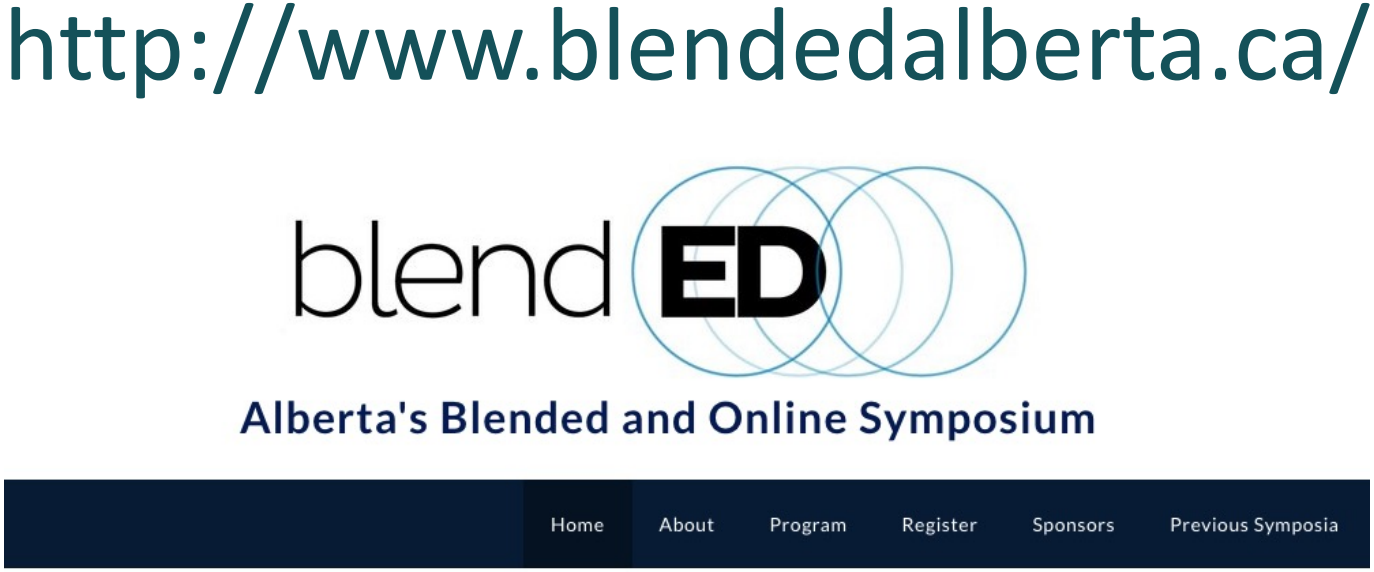
https://bclearningnetwork.com/

The *Western Canada Learning Network* (WCLN) is a consortium of 51 BC school districts, the Yukon, and 3 Alberta divisions who work together to:

- Support Distance Learning programs.
- Support classroom teachers who are interested in Blended Learning.
- Encourage 21st Century Learning and best practices in education.
- Support teacher collaboration and professional development.

Working together allows us to develop better online resources, create teacher communities, and establish cost-saving partnerships with industry. It all adds up to better virtual experiences and opportunities for our students in both Distance Learning and Blended Learning programs.

BlendED Alberta
http://www.blendedalberta.ca/



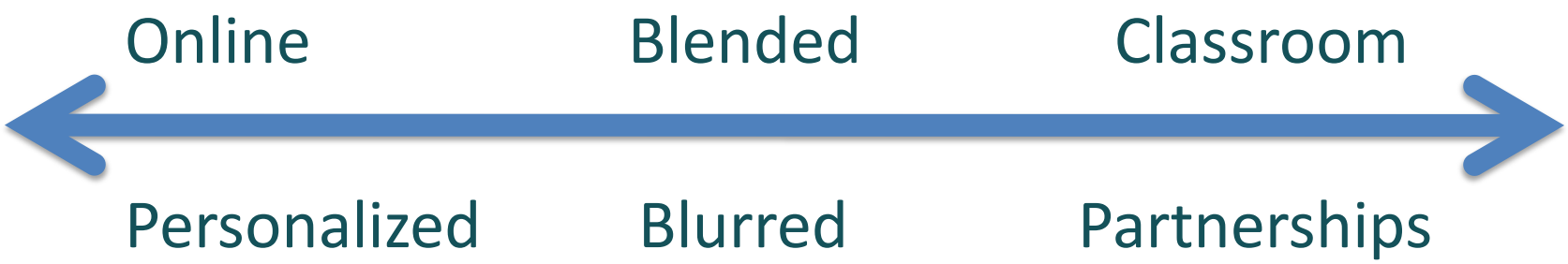
BlendEd BC - https://blendedbc.com/

Collaborative Community for Blending Educators in BC

Trending…

1. Blended and online practices are blurring – it is more about learning within flexible structures
2. Transition from online to blended more difficult than from classroom
3. Personalization and flexibility critical drivers in Canada
4. Competency-based emerging in new curriculum

- ***Research focus on better data and exploring innovation***



Your Questions and Comments

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