

CONNECTION

Information *for* Teachers

January 2002

Note: All links in the articles of this edition of *Connection: Information for Teachers* were active and accurate at the time of publication. This may no longer be the case.



January 2002

Aboriginal Studies

Aboriginal Studies 10-20-30

In 2001, Alberta Learning introduced the [Aboriginal Studies 10-20-30](#) program. The courses in this program are available as options to all Alberta senior high school students. The program includes study of the traditions and histories of Aboriginal peoples and is designed to enhance students' awareness of the perspectives and worldviews of Aboriginal peoples in Alberta, Canada and the world. The Aboriginal Studies 10-20-30 program is designed to develop a sense of pride among Aboriginal students in their cultural heritage and to enhance self-esteem. It also serves to increase awareness, appreciation and understanding among all Alberta students of the rich history, culture and contributions of Aboriginal peoples in Canada.

For more information, contact [Debbie Mineault](#) at 780-427-0156 or [Gloria Cardinal](#) at 780-415-1347.

Career and Life Management (CALM)

Authorized Resources

Review [new resources](#) authorized between November 16, 2001 and January 20, 2002.

Program of Studies and Guide to Implementation

The draft copy of the new program of studies is presently under review. The new guide to accompany the program of studies is in development. The field validation of the new CALM course will take place in senior high schools throughout the province in the second semester of the 2001-2002 school year. Nominations for this field validation project have been collected from school jurisdictions, and the candidates chosen to field validate the new program of studies have been notified.

For more information, contact [Mark Buckley](#) at 780-422-3274.

Regional Consultation for Career Development

The Career Development Association of Alberta and the Alberta Career Development Action Group are hosting the 8th Annual Alberta Regional Consultation for Career Development—Building Tomorrow Today—in Edmonton on May 1, 2 and 3, 2002. [View information regarding this opportunity.](#)

Career and Technology Studies (CTS)

Amendments to the *Career & Technology Studies Manual for Administrators, Counsellors and Teachers*

A 2002 amendment package for the *Career & Technology Studies Manual for Administrators, Counsellors and Teachers* (ACT Manual) has been prepared. The amendment package provides replacement pages for the 1998 ACT Manual that include:

- updates to the *CTS Backgrounder* and CTS strand brochures (Appendix 1)
- clarification of policies and guidelines for implementing CTS courses in senior high schools (Appendix 6).

The 2002 amendments to the ACT Manual are available through the [CTS section](#) of the Alberta Learning Web site. The amendments are also available for purchase from the [Learning Resources Centre](#), either as a stand-alone item or as part of the 1998 ACT Manual.

Authorized CTS Resources

Review new resources authorized between November 16, 2001 and January 20, 2002.

[Electro-Technologies](#)
[Energy and Mines](#)
[Management and Marketing](#)

CTS Contacts

For more information about CTS in the English language, contact [Jan Mills](#) in Edmonton at 780-422-3275, fax 780-422-3745; or [Gary Bertrand](#) in Calgary at 403-297-5022, fax 403-297-3842.

For more information about CTS in the French language, contact [Paul Pelchat](#) at 780-422-1987, fax 780-422-1947.

Evergreening CTS: Survey and Response Form

Teachers and other education partners are encouraged to use the online [Evergreening CTS: Survey and Response Form](#) to provide the CTS unit with strand-specific feedback on curriculum needs and general feedback on the implementation of CTS programs.

Information on priorities for evergreening CTS in 2001-2002 is available through the [CTS Program Update](#) section of the Alberta Learning Web site. Information about the proposed new CTS courses being field validated from September 2001 to January 2002 is available through the [CTS Field Test Documents](#) section of the Alberta Learning Web site.

Inservice/Professional Development Opportunities

CTS Conference 2002: Challenging Today's Students

The CTS Council of the Alberta Teachers' Association is holding its annual CTS Conference in Calgary at the Westin Hotel and the Southern Alberta Institute of Technology (SAIT) on April 11-13, 2002. The conference

theme is Challenging Today's Students. The keynote speaker for this conference will be Dr. Tom Keenan, Dean of Continuing Education, University of Calgary.

A number of sessions and hands-on workshops are being planned for the conference. While some of the sessions will be offered at the Westin Hotel, the conference committee is pleased to announce that SAIT will be the host facility for most of the hands-on workshops.

Online registration procedures and a detailed description of the sessions and workshops are available through the [CTS Council](#) Web site. As the workshops are open to a limited number of participants, teachers are encouraged to register early for the conference.

For more information about the CTS Conference, contact [Irene Sifrer](#), Conference Director, at 403-777-7540.

Job Safety Skills Inservices for Administrators and Teachers

The [Job Safety Skills Society](#) is once again offering a series of inservices for administrators and teachers. The following inservices will be held in January, February, March and April 2002.

Calgary

January 28 (1/2 day): Off-campus Education: Duty of Care/Due Diligence Considerations

January 28 (1/2 day): Off-campus Education: Workstation/Worksite Inspection and Approval Process

January 29 (Full day): Getting Started: Delivering the Job Safe Courses: CTR 1210, 2210 and 3210

Edmonton

February 12 (1/2 day): Off-campus Education: Duty of Care/Due Diligence Considerations

February 12 (1/2 day): Off-campus Education: Workstation/Worksite Inspection and Approval Process

February 13 (Full day): Getting Started: Delivering the Job Safe Courses: CTR 1210, 2210 and 3210

Lethbridge

February 25 (1/2 day): Off-campus Education: Duty of Care/Due Diligence Considerations

February 25 (1/2 day): Off-campus Education: Workstation/Worksite Inspection and Approval Process

February 26 (Full day): Getting Started: Delivering the Job Safe Courses: CTR 1210, 2210 and 3210

Red Deer

March 5 (1/2 day): Off-campus Education: Duty of Care/Due Diligence Considerations

March 5 (1/2 day): Off-campus Education: Workstation/Worksite Inspection and Approval Process

March 6 (Full day): Getting Started: Delivering the Job Safe Courses: CTR 1210, 2210 and 3210

Peace River

April 9 (1/2 day): Off-campus Education: Duty of Care/Due Diligence Considerations

April 9 (1/2 day): Off-campus Education: Workstation/Worksite Inspection and Approval Process

April 10 (Full day): Getting Started: Delivering the Job Safe Courses: CTR 1210, 2210 and 3210

Off-campus Education: Duty of Care/Due Diligence Considerations is a new inservice developed in response to requests from administrators and teachers for more guidance as to who is responsible for what and when, when schools have students participate in course-related off-campus learning activities.

To register for an inservice or to obtain registration information, contact the Job Safety Skills Society at 780-413-6876.

For general information about the Job Safety Skills Society, contact [Dr. Michael Alpern](#), Executive Director, Job Safety Skills Society.

Regional Consultation for Career Development

The Career Development Association of Alberta and the Alberta Career Development Action Group are hosting the 8th Annual Alberta Regional Consultation for Career Development—Building Tomorrow Today—in Edmonton on May 1, 2 and 3, 2002. [View information regarding this opportunity.](#)

Note: Links are provided to other sites as a service only to identify potentially useful ideas for teaching and learning. The responsibility to evaluate these sites rests with the user.

Other Potential CTS Resources and Contact Information

Service Best Customer Service Excellence Program

Service Best is a service excellence training program available to teachers to support the delivery of the Tourism Studies course, TOU1030: Quality Guest Service. The program, offered by [Alberta's Training for Excellence Corporation](#) (ATEC), is industry-recognized and leads to a certificate.

Teachers wishing to deliver Service Best must pay to attend a one-day inservice. For further information about inservice opportunities, contact [Joanne Martin](#) or telephone ATEC at 1-800-265-1283.

ATEC also offers, at a cost, the following resources of potential relevance to students who wish to embark on a career search in tourism.

Student Travel Map

This resource profiles a range of occupations within each of eight sectors of the tourism industry, giving growth projections, salary ranges and educational requirements. Information about tourism-related educational programs available in Canada is also provided.

Tourism: A World of Opportunity (CD-ROM)

This interactive CD-ROM provides career information relevant to eight sectors of the tourism industry. Information is the same as that provided in the *Student Travel Map* described above, but it is presented through readable text and video interviews with industry professionals.

For more information about these resources, contact:
Alberta's Training for Excellence Corporation
Suite 1600, 8215 - 112 Street, Edmonton, AB T6G 2C8
Telephone: 780-423-9225, Toll free in Alberta: 1-800-265-1283
Fax: 780-437-6655

Note: Links are provided to other sites as a service only to identify potentially useful ideas for teaching and learning. The responsibility to evaluate these sites rests with the user.

Scholarships for Senior High School Apprentices

Fifty first-year apprentices from across the province are the inaugural recipients of a \$1000 scholarship recognizing participants in the Registered Apprenticeship Program (RAP). The Registered Apprenticeship Program allows students to begin their apprenticeships while still in senior high school. The [RAP scholarships](#) will assist these students as they continue training after graduation.

Although RAP and CTS are separate programs, courses in each may complement one another. Students can enroll in both RAP courses and trade-related CTS courses in the same school year, providing the RAP learning

plan identifies new learnings substantially different from those included in the CTS courses that require access to 125 hours of on-the-job training.

Career Initiatives

Regional Consultation for Career Development

The Career Development Association of Alberta and the Alberta Career Development Action Group are hosting the 8th Annual Alberta Regional Consultation for Career Development—Building Tomorrow Today—in Edmonton on May 1, 2 and 3, 2002. [View information regarding this opportunity.](#)

Curriculum Handbooks for Parents

The *Curriculum Handbooks for Parents* series will be reviewed and revised for the 2002-2003 school year. Alberta Learning invites the ideas, advice and input of parents and teachers so that the handbooks continue to help parents understand school programs and support their children's learning.

A [survey on the Curriculum Handbooks](#) has been posted on the Alberta Learning Web site. The survey may be completed online or printed and returned by mail or fax, before February 22, 2002. Teachers and administrators are encouraged to bring the survey to the attention of their school councils and other interested parents.

For more information, contact [Jennifer Bushrod](#) at 780-422-0624.

English as a Second Language

A *Senior High School English as a Second Language Guide to Implementation* is scheduled to be available in March 2002. Learning and teaching resources to support the English as a Second Language Senior High School Program of Studies will be field validated in March 2002. The *Elementary English as a Second Language Guide to Implementation* is being revised to include a junior high school component. A draft is scheduled to be available for field validation in May 2002.

For more information, contact [Jennifer Bushrod](#) at 780-422-0624.

English Language Arts

Authorized Resources

Review new resources authorized between November 16, 2001 and January 20, 2002.

[Kindergarten-Grade 3](#)
[Grade 4-Grade 6](#)
[Grade 7-Grade 9](#)
[Grade 10-Grade 12](#)

Distance Learning

The following distance learning resources are to be implemented in the fall of 2002:

- Grade 4 English Language Arts, developed with Weigl Educational Publishers
- Special Interest Module—*Handwriting*
- English Language Arts 10-1 distance learning course, developed by the Learning Technologies Branch
- English Language Arts 10-2 distance learning course, developed by the Learning Technologies Branch
- English Language Arts 20-1 distance learning course, developed by the Learning Technologies Branch.

The second part of the English Language Arts Grade 9 distance learning course, produced by the Learning Technologies Branch, is now available for purchase from the [Learning Resources Centre](#). All of the student materials for English Language Arts Grade 9 are available. The electronic Teacher's Guide for use by distance learning will be available on CD-ROM through the [Learning Resources Centre](#) and will be available on the [Tools4Teachers](#) Web site early in 2002.

English Language Arts CD-ROM

Alberta Learning has developed a CD-ROM for grades 5 to 12 students, entitled *Researching and Making Presentations: Grades 5 to 12*. This CD-ROM is scheduled to be available for purchase from the [Learning Resources Centre](#) in February 2002. View [information and the order form](#) for this new resource.

Senior High School Update

Program of Studies and Guide to Implementation

Input has been received on the *Program of Studies for Senior High School English Language Arts*, Interim 2001, and on the *Guide to Implementation: Grade 10 English Language Arts*, September 2001 Draft. This input is being considered in revisions that are currently being made to these documents.

Revision to the Diploma Examinations—English Language Arts 30-1 and English Language Arts 30-2

Information on the new examination design for English Language Arts 30-1 and English Language Arts 30-2 has been mailed to every English department head at all senior high schools in Alberta. Alberta Learning is very committed to involving teachers in the design of these examinations. Teachers are strongly encouraged to participate in the design process.

New Resources

Phase one of the review of resources for grades 11 and 12 English language arts has now been completed. Twenty teachers from across the province participated in the review, held in October 2001. New student basic, student support and authorized teaching resources have been authorized for use with the new ELA 20-1 and ELA 20-2 courses being implemented in the 2002-2003 school year. Some student support and authorized teaching resources have also been authorized for Grade 12. Phase two of the review, which will target Grade 12 resources, will take place in October 2002, with new lists being released in January 2003.

Student basic and authorized teaching resources for ELA 20-1, authorized as a result of the October 2001 review, are as follows:

- *Echoes 11* Student Text and Teacher's Resource

- *Elements of English 11* Student Text (Teacher's Guide has conditional approval)
- *Imprints 11* Student Text and Teacher's Guide
- *Nelson English*
 - *Language & Writing 11* Student Text
 - *Literature and Media 11* Student Text and Teacher's Guide
- Prentice Hall Senior English
 - *Reference Points: A Guide to Language, Literature and Media*
 - *Viewpoints 11* Student Text
 - *Viewpoints & Reference Points 11* Teacher Resource

Student basic and authorized teaching resources for ELA 20-2, authorized as a result of the October 2001 review, are as follows:

- *Echoes 11* Student Text and Teacher's Resource
- *Foundations of English 11* Student Text (Teacher's Guide has conditional approval)
- *Nelson English*
 - *Between the Lines 11* Student Text and Teacher's Guide
 - *Communicate!* Student Text and Teacher's Guide
- *Passages 11* Anthology and Teacher's Guide

For a complete listing of the newly authorized senior high school ELA resources, view the [English Language Arts Grades 10 to 12 Alberta Authorized Resources List](#), January 2002.

Online Learning Materials

The Alberta Online Consortium, which supports online schools and programs, is also developing materials for ELA 20-1. [View more information regarding this initiative.](#)

French as a Second Language

Authorized Resources

Review new resources authorized between November 16, 2001 and January 20, 2002.

[Grade 7-Grade 9](#)
[Grade 10-Grade 12](#)

Conferences

The Intercultural and Second Languages Council Conference 2002 (ISLC Conference) is being held in Edmonton from March 15 to March 17, 2002 at the Crowne Plaza - Chateau Lacombe. For more information on this conference, please contact [Nicole Falcone](#) or visit the [ISLC](#) Web site.

A joint conference between the Canadian Association of Second Language Teachers (CASLT) and the Canadian Association of Immersion Teachers (CAIT), entitled *A Meeting Place for Languages: Celebrating Our Ties*, is being planned for November 7, 8 and 9, 2002 in Charlottetown, Prince Edward Island. For more information on this event, please visit the [CASLT](#) Web site.

Teacher Bursaries

There are still a number of teacher bursaries available for conferences and courses. Bursary forms can be accessed via the [Alberta Learning](#) Web site. For more details, contact [Carole Pelé](#) at 780-427-2940.

French Immersion

Career and Life Management (CALM)

Provincial implementation of the revised CALM program in Francophone and French immersion schools will take place in September 2003, one year later than the scheduled implementation date for the English program.

For more information on the French CALM program, contact [Christine Bouchard](#) at 780-427-2940.

Consortia and Professional Development

An agreement has been reached with all [six regional consortia](#) to offer professional development activities for French immersion teachers. The [Edmonton Regional Consortium](#) has agreed to coordinate the services that could be offered by any one of the consortia.

Please contact your regional consortium to make known your French immersion teachers' professional development needs.

Note: Links are provided to other sites as a service only to identify potentially useful ideas for teaching and learning. The responsibility to evaluate these sites rests with the user.

French Language Arts

Annotated Bibliography—Grades 4-6

In December 2001, all immersion schools received a copy of a supplement to *Bibliographie annotée (4-6) Français langue seconde - Immersion*, first published in 2000.

This supplement contains the annotations for 42 new works recently selected as complements to the Grades 4 to 6 French language arts curriculum. The supplement is useful for both teachers and librarians. It may be purchased from the [Learning Resources Centre](#) or viewed on our [Web site](#).

Similar supplements will soon be available for the Kindergarten to Grade 3 and Grade 7 to Grade 9 annotated bibliographies of French literary resources.

Workshops

In cooperation with the [Edmonton Regional Consortium](#), Alberta Learning still offers [workshops](#) to support the implementation of the French language arts program.

Authorized Resources

Review new French language arts resources authorized between September 1, 2001 and January 20, 2002:

[Kindergarten-Grade 3](#)

[Grade 4-Grade 6](#)

[Grade 7-Grade 9](#)

[Grade 10-Grade 12](#)

For more information regarding the French language arts program, contact [Alain Nogue](#) at 780-427-2940.

Note: Links are provided to other sites as a service only to identify potentially useful ideas for teaching and learning. The responsibility to evaluate these sites rests with the user.

Health and Life Skills

Provincial implementation of the revised Health and Life Skills program in Francophone and French immersion schools is scheduled for the 2003-2004 school year. This delay will provide the necessary time to identify and authorize appropriate student and teacher resources.

For more information regarding the French Health and Life Skills program, contact [Christine Bouchard](#) at 780-427-2940.

Information and Communication Technology (ICT)

French Information and Communication Technology (ICT) Forum

Over 70 teachers attended the French ICT Forum, held in Edmonton on November 1 and 2, 2001 and organized by the Edmonton Regional Consortium in cooperation with Alberta Learning.

The forum focused on the following:

- the construction of meaning through technology
- the creation of meaningful learning environments to integrate technology
- French initiatives and resources supporting the implementation of the ICT program of studies.

Dr. Robert David, Professor of Psychology and Pedagogy at the University of Montreal and coordinator of [CyberScol](#), was the workshop leader. Two exciting Grade 2 ICT classroom projects were presented by Jacinthe Lavoie, from Elizabeth Rummel School in Canmore, and Sophie Richards, from Holy Name School in Calgary.

Other presentations focused on initiatives and resources supporting the implementation of ICT in schools using French as the language of instruction. Some of these resources include the [TELUS Learning Connection](#) (TLC), [Teaching and Learning with Technology](#) (TLT) and [Réseau Éducation-Médias](#).

Dr. David's PowerPoint presentations may be viewed on the [Edmonton Regional Consortium](#) Web site.

French Immersion ICT Advisory Committee

The French Immersion ICT Advisory Committee held its first meeting of the year on November 3, 2001. It provided valuable feedback on the needs and priorities for the implementation of ICT in immersion schools. The next meeting will be held on January 31 to February 1, 2002.

For more information regarding the French ICT program, contact [Denise Stocco](#) at 780-427-2940.

Note: Links are provided to other sites as a service only to identify potentially useful ideas for teaching and learning. The responsibility to evaluate these sites rests with the user.

Mathematics

Senior High School—Resource Availability

Student and teacher resources are available from the LRC for Mathématiques appliquées 10-20-30 and Mathématiques pures 10-20-30 according to an established timetable—

[Disponibilité des ressources de base - Mathématiques appliquées et pures.](#)

Senior High School—Projects

[French projects](#) for Mathématiques appliquées 30 and Mathématiques pures 30 are now available for teacher and student use.

Authorized Resources

Review new French mathematics resources authorized between September 1, 2001 and January 20, 2002:

[Grade 10-Grade 12](#)

For more information regarding the French mathematics program, contact [Paul Lamoureux](#) at 780-427-2940.

October 2002 Leadership Conference

Plan now to attend the [third and concluding conference](#) in a series dedicated to effective decision making for French immersion programs. It will be held at The Lodge at Kananaskis on October 6 to 8, 2002.

This conference is specifically designed for education leaders: trustees, superintendents and school administrators. Sessions, all of which are in English, will focus on the potential of French immersion for all Alberta students, within several dimensions, such as the development of French language skills, the learning of additional languages, personal development and preparation for lifelong learning and the global economy.

Don't miss this opportunity to meet with your peers and learn from the experiences of other jurisdictions.

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Physical Education

Curriculum Guide

The French edition of the curriculum guide for the new [physical education program](#), [Éducation physique \(M-12\) guide de mise en oeuvre: L'ABCD de l'éducation physique](#), was distributed to immersion schools in November 2001. Additional copies may be purchased from the [Learning Resources Centre](#).

Workshops

Five workshops will be offered in French at the May 2002 [annual conference](#) of the ATA Health and Physical Education Council.

Authorized Resources

Review new French physical education resources authorized between September 1, 2001 and January 20, 2002:

[Kindergarten-Grade 3](#)

[Grade 4-Grade 6](#)

[Grade 7-Grade 9](#)

[Grade 10-Grade 12](#)

For more information regarding the French physical education program, contact [Christine Bouchard](#) at 780-427-2940.

Note: Links are provided to other sites as a service only to identify potentially useful ideas for teaching and learning. The responsibility to evaluate these sites rests with the user.

Science—Secondary

Junior High School Resources

The resources authorized for the new [Grades 7-8 French science program](#) are *Convergence 7* and *Convergence 8*, the French versions of the *ScienceFocus* resources published by McGraw-Hill Ryerson.

The Grades 7 and 8 student textbooks as well as the Grade 7 teacher guide are now available for purchase from the [Learning Resources Centre](#). The Grade 8 teacher guide is scheduled to be available in April 2002.

For more information regarding the French science program, contact [François Lizaire](#) at 780-427-2940.

Teacher Bursaries

Bursaries to meet part or all of the expenses incurred to attend conferences or take evening or summer courses are available to all teachers who teach French as a first or second language in Alberta.

[View information regarding these bursaries.](#)

For more information regarding these bursaries, contact [Carole Pelé](#) at 780-427-2940.

Guidance and Counselling

Regional Consultation for Career Development

The Career Development Association of Alberta and the Alberta Career Development Action Group are hosting the 8th Annual Alberta Regional Consultation for Career Development—Building Tomorrow Today—in Edmonton on May 1, 2 and 3, 2002. [View information regarding this opportunity.](#)

Health and Life Skills

Authorized Resources

Review new resources authorized between November 16, 2001 and January 20, 2002.

[Kindergarten-Grade 3](#)

[Grade 4-Grade 6](#)

[Grade 7-Grade 9](#)

International Languages

Programs of Study and Resource Searches

Spanish language arts for the Spanish bilingual programs in Kindergarten to Grade 3 is being field validated, and a learning resource search is under way. Optional implementation will occur in 2002-2003. Field validation of Kindergarten to Grade 12 Ukrainian language arts is also occurring, with optional implementation scheduled for 2002-2003. A resource search for K-12 Ukrainian language arts is scheduled to be completed by September 2002.

Resource-search drafts of the following newly revised or developed international languages programs of study were made available in July 2001:

- German Language and Culture Grades 7-8-9
- German Language and Culture 10-20-30
- German Language and Culture 10S-20S-30S
- Spanish Language and Culture Grades 7-8-9
- Spanish Language and Culture 10-20-30
- Spanish Language and Culture 10S-20S-30S
- Ukrainian Language and Culture Grades 7-8-9
- Ukrainian Language and Culture 10-20-30
- Ukrainian Language and Culture 10S-20S-30S

A search for resources for these new programs is under way. Optional implementation of these programs is scheduled for September 2002; provincial implementation of these programs is tentatively scheduled for September 2003.

Currently, the Italian Language and Culture Grades 7-8-9, Italian Language and Culture 10-20-30 and Italian Language and Culture 10S-20S-30S programs of study are being developed, under contract, by Edmonton Catholic Schools. Resource-search drafts of these programs are scheduled to be available in July 2002.

Guides to Implementation

Guides to Implementation for Kindergarten to Grade 12 Ukrainian language arts and Spanish Language and Culture 10-20-30 are being developed as Western Canadian Protocol projects in cooperation with Manitoba and Saskatchewan.

For more information, contact [John Sokolowski](#) at 780-422-2669.

Learning Resources Centre (LRC)

Save Money! Aggregate Order Discount is Back!

Plan now to save money on learning resources. Order between January 1 and April 30, 2002 for the next school year and save 7.5% on selected products. Participating publishers include Harcourt Canada, Irwin Publishing, McGraw-Hill Ryerson, Nelson Thomson Learning, Pearson Education and Resource Development Services—Edmonton Public Schools. Visit our [Web site](#) for more details.

2002 Resources Catalogue

The LRC's 2002 Resources Catalogue, formerly called the *Buyers Guide*, was released this January. CD-ROM versions and print copies were sent out to schools across the province. For the most up-to-date product information, check out the [online version](#).

Order Learning Resources Online

Take advantage of 24-hour access to LRC products and services and [order online](#).

Save 25% on Resource Purchases!

Apply the [Learning Resources Credit Allocation \(LRCA\)](#) to your purchases from the LRC and save 25%. The credit allocation is available, up to a specified dollar limit, to eligible or approved Alberta school authorities.

Fast and Free Delivery!

Shipping within Alberta is included with your resource purchase, and we aim for a quick delivery within 4 days of receiving your order—with available products. Read our [shipping policy](#) for more details.

For more information, contact the LRC at 780-427-2767, e-mail lrccustserv@gov.ab.ca or visit the [LRC](#) Web site.

Mathematics

Online Elementary Mathematics Resource (Grade 6)

Alberta Learning, with the help of Alberta teachers, has developed an online Elementary Mathematics Resource to further support the elementary mathematics program in the province. The online Elementary Mathematics Resource offers interactive lessons related to key mathematics concepts that Grade 6 students should understand and be able to apply. The resource also includes:

- a glossary of mathematical terms
- printable practice sheets
- printable notes for parents, outlining how parents can help reinforce learning at home
- samples of problem-solving strategies
- a number operations component, with strategies for learning basic facts.

The Grade 6 resource is now available for use by parents, students and teachers free of charge through the [LearnAlberta.ca](#) Web site. Students who do not have a computer at home may wish to visit a public library or other institution that offers public access to the Internet.

For more information, contact [Debbie Duvall](#) at 780-422-3257.

Senior High School Update

Pure Mathematics 30

Alberta Learning would like to thank all of the teachers and the post-secondary representatives who have given fantastic feedback in terms of revisions to the Pure Mathematics 30 Program of Studies. Alberta Learning is now in the process of gathering the input from this final round of consultations and will then proceed with the approval process.

Interactive Applets for Pure Mathematics 10-20-30

Applets that support Pure Mathematics are being created. The applets provide a technological way of displaying the concepts. They will be available at the LearnAlberta.ca Web site in late January. These applets will also be included in The Learning Equation (TLE) 11 and TLE 12.

For more information regarding senior high school mathematics, contact [Katie Pallos-Haden](mailto:Katie.Pallos-Haden@ed.gov) at 780-422-3220.

Other News

CASS Curriculum Symposium 2002

The annual Curriculum Symposium, sponsored jointly by Alberta Learning and the College of Alberta School Superintendents (CASS), should again prove to be both interesting and informative. The symposium will begin on the evening of Thursday, March 14, 2002, at the Red Deer Lodge with an opening address by the Minister of Learning, Dr. Lyle Oberg, on *A Renewed Vision for Curriculum*.

The next day, the symposium moves to Fox Run School in Sylvan Lake, thanks to our host school jurisdiction this year, Chinook's Edge School Division No. 73. The full-day Friday program will begin at 8:30 a.m. with a plenary session. A panel, consisting of three superintendents and a senior official from Alberta Learning, will react and respond to the Minister's opening address. The remainder of the day will be filled with a variety of timely curriculum topics and best practices sessions for Kindergarten to Grade 12.

In anticipation of participants' interest, the agenda will include a tour of Fox Run School during the lunch break.

CASS has reserved a block of rooms at reduced prices at the Red Deer Lodge for this annual event. Please mark these dates on your calendar and register early, as space is limited. Registration forms may be obtained by e-mailing [Lee Lucente](mailto:Lee.Lucente@ed.gov), the executive director of CASS. To cover expenses, please note that there is a registration fee of \$50.00 this year.

Physical Education

Implementation Support for K-12 Physical Education

In January 2002, the following materials to support implementation of K-12 physical education were forwarded to all school principals and superintendents:

- administrator's overview, which includes a summary of key points in relation to the K-12 physical education program of studies, criteria for program delivery, support resources information and reflective questions related to implementation of the K-12 physical education program
- resource guide, developed in partnership with [Schools Come Alive](http://SchoolsComeAlive.ca), which provides a list of national and provincial organizations and annotations of resources that can provide support for implementation
- an announcement that the [Physical Education Online](http://PhysicalEducationOnline.ca) Web site includes new materials. Teacher resources that exist at the site include lessons that align with General Outcomes A, B, C and D for all grades. Video clips of mature and developing forms of a variety of basic skills; e.g., running, jumping and stopping, exist to assist with student performance
- information about the 41st annual [ATA Health and Physical Education Council \(HPEC\) Conference](http://ATAHealthandPhysicalEducationCouncil.org), to be held in partnership with the Canadian Association for Health, Physical Education, Recreation and Dance (CAHPERD), a national organization.

Alberta Learning also plans to support implementation of the Physical Education Kindergarten to Grade 12 program during the 2001-2002 school year by continuing to work with the Advanced Cardiac Treatment (ACT) Foundation in the implementation of CPR into the Physical Education 10 program. For more information on the implementation of CPR, contact [Joy Taylor](#) at 403-297-7911.

Ever Active Schools

The [Ever Active Schools Program](#) continues to grow in Alberta. Over 110 schools across the province are working to be "ever active." The program supports implementation of health and physical education curriculums and provides a framework for reviewing other opportunities to provide a school environment that nurtures a healthy, active lifestyle. For more information, contact [Marg Schwartz](#) at 780-454-4745.

Authorized Resources

Review new resources authorized between November 16, 2001 and January 20, 2002.

[Kindergarten-Grade 3](#)

[Grade 4-Grade 6](#)

[Grade 7-Grade 9](#)

[Grade 10-Grade 12](#)

For more information regarding K-12 physical education, contact [Val Olekshy](#) at 780-415-8191 or [Joy Taylor](#) at 403-297-7911.

Note: Links are provided to other sites as a service only to identify potentially useful ideas for teaching and learning. The responsibility to evaluate these sites rests with the user.

Primary Programs K-3

During the 2001-2002 school year, work will continue on developing the *Primary Programs Guide to Implementation*. Included in the guide will be alternative formats for Kindergarten to Grade 3 programs of study to facilitate integrated instruction. It is anticipated that the guide will be field validated in schools and finalized in 2002. The guide is scheduled to be available to schools in December 2002.

For more information, contact [Jennifer Bushrod](#) at 780-422-0624.

Professional Development and Certification

Professional Development

The [six regional professional development consortia](#) continue to offer a variety of professional development initiatives for teachers and administrators in all the curricular areas. In addition, there are programs offered for parents and support staff. For more information about the programs offered in your area, please contact your regional consortium.

Excellence in Teaching Awards

Nomination packages for the 2002 [Excellence in Teaching Awards](#) were sent to school jurisdictions in November 2001. The deadline for nominations is February 4, 2002.

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Science

Grade 7 and 8 Science

The provincial implementation date for **both** Grade 7 Science **and** Grade 8 Science is September 2002. The two new authorized teaching resources and basic learning resources, *Science in Action (7, 8)*, published by Pearson Education, and *ScienceFocus (7, 8)*, published by McGraw-Hill Ryerson, are currently available for purchase from the [Learning Resources Centre](#).

The new basic student resources for French instruction of Sciences 7 and 8, *Convergence (7, 8)*, and the authorized teaching resource for Sciences 7, all published by McGraw-Hill Ryerson, are also available for purchase from the [Learning Resources Centre](#). The authorized French teaching resource for Sciences 8 will be available in April 2002.

A major review of resources to support the learning and teaching of Grade 7 Science and Grade 8 Science was recently completed. The new listings of authorized resources, with annotations, will be published in the spring of 2002.

Grade 9 Science

The official field validation of Grade 9 Science was completed in early December 2001. The hard work and input of the field test teachers has been very valuable and is much appreciated—their comments are being used to make revisions to the draft student and teacher materials. Schools registered for the field validation may continue to use the publishers' draft materials up to the end of this school year, after which time they must be destroyed or returned.

The final student and teacher materials for Grade 9 Science will be available for purchase from the [Learning Resources Centre](#) in May 2002, in time for optional implementation of the program in September 2002. The French resources will be available for provincial implementation in September 2003.

Science 14-24

Science 14

The official field validation of Science 14 has been completed. The hard work and input of the field test teachers has been very valuable and is much appreciated—their comments are being used to make revisions to the print and electronic resources being developed by McGraw-Hill Ryerson. Schools registered for the field validation may continue to use the publisher's draft materials up to the end of this school year, after which time they must be destroyed or returned.

The final student and teacher materials for Science 14 will be available for purchase from the [Learning Resources Centre](#) in May 2002, in time for provincial implementation in September 2002.

Science 14-24 Transfer Points

The following transfer points apply for students who enroll in the **new** Science 14-24 program. When students transfer to a higher level, their mathematics background needs to be considered.

Science 14 Science 24

This is the regular pathway through the program, for students who seek the basic science requirement for a senior high school diploma. Students who are not successful in Science 10 may enroll in Science 24 on a

principal's waiver, as outlined in the [Guide to Education: ECS to Grade 12](#), September 2001, page 115. Students can receive retroactive credits for Science 14, once they have passed Science 24.

Science 14 □ Science 10

Students who pass Science 14 may enroll in Science 10. The revised Science 14 contains some basic topics that are in the revised Science 9, and it contains an introduction to several topics that are in Science 10.

Science 24 □ Science 10

Students who pass Science 24 may enroll in Science 10. The revised Science 14-24 program covers basic topics that are in the revised Science 9 and introduces Science 10 topics.

Science 24 □ Science 20

Students who have passed Science 24 and demonstrate evidence of having attained the outcomes for Science 10, may be considered for transfer into Science 20. This recommendation is based on the conditions of the principal's waiver, as outlined in the [Guide to Education: ECS to Grade 12](#), September 2001, page 115.

Science Contacts

For more information about the K-12 science program, contact [Stella Shrum](#) at 780-422-3219. Contact [Bernie Galbraith](#) at 780-422-3218 for information about science learning and teaching resources.

For information about science programs and learning resources in the French language, contact [François Lizaire](#) at 780-427-2940.

Social Studies

Development of the New Alberta Social Studies Kindergarten to Grade 12 Program of Studies

In July 2001, Alberta Learning began development of the Alberta Social Studies Kindergarten to Grade 12 Program of Studies. It is anticipated that a draft program of studies for Kindergarten to Grade 9 will be available in the spring of 2002 for consultation.

Alberta Learning has also begun consultations with school jurisdictions, educational partners and teachers on development of the program of studies for Grades 10-12. A Discussion Paper and Proposal for the Grades 10-12 program of studies will be available in the spring of 2002 for consultation.

Key Elements of the New Social Studies Program

Alberta's K-12 social studies program will incorporate advice and input received from Alberta educators and stakeholders. It will be written to meet the needs of Alberta students and will take into consideration feedback received during the consultation process. To this point, Alberta Learning has approved the following:

- a vision for the new K-12 social studies program
- a definition for social studies programming in Alberta
- a diverse perspectives approach to social studies topics and issues
- embedding of Aboriginal and Francophone perspectives
- the development of an outcomes-based K-12 social studies curriculum
- a core focus on citizenship and identity
- inclusion of Canadian and world history, local government, economics, agriculture and environmental issues

- recognition of diverse cultural and historical perspectives
- continuation of social studies as an interdisciplinary subject, with inquiry and decision-making processes at the core of student skills. Students will be challenged to explore existing issues or pose new questions, problems or issues. Information technology will be infused into the learning outcomes
- the Alberta social studies program will ensure that the equivalent course to the current Social Studies 30 will prepare students to meet requirements for university entrance. The program will also ensure that the course equivalent to the current Social Studies 33 will prepare students to meet senior high school graduation requirements and be recognized by those post-secondary programs that currently require Social Studies 33 as a prerequisite.

Related Curriculum Links

- [Alberta Teachers' Association Social Studies Council](#)
- [Alberta Heritage Online](#)
- [Canadian Council for Geographic Education](#)

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Resource Development

Members of the [Social Studies Project Team](#) have been meeting with groups of publishers to keep them informed as to the direction of the new program of studies. Developing excellent K-12 resources that will be ready for provincial implementation is a key component of the curriculum development and implementation plan. Publishers are eager for information so that they can move forward in developing high quality resources for Alberta.

Status of the Western Canadian Protocol for Social Studies K-12

Alberta has withdrawn from the Western Canadian Protocol Common Curriculum Framework for Social Studies, Kindergarten to Grade 9 due to its timelines and requirements for development of the Alberta Social Studies Kindergarten to Grade 12 Program of Studies. As well, Alberta has withdrawn from the Grades 10-12 component of the Western Canadian Protocol Common Curriculum Framework for Social Studies due to differing needs among the jurisdictions for hours of instruction, graduation and program requirements.

Who Is Involved with Development of the New Program?

Alberta Learning has a [Social Studies Project Team](#) made up of Directors, Program Managers and Curriculum Consultants who provide leadership for the development of the new Social Studies Kindergarten to Grade 12 Program of Studies. Contact any of the individuals on this team with your questions or comments.

There are also two key committees that provide Alberta Learning with linkages to the classroom and to partner organizations and that provide recommendations on proposed developments.

- K-12 Social Studies Advisory Committee—is composed primarily of representatives from educational stakeholders; e.g., Alberta Home and School Councils' Association (AHSCA), Alberta Teachers' Association (ATA), Alberta School Boards Association (ASBA), universities and post-secondary institutions, Alberta Distance Learning Centre, Aboriginal and Francophone organizations. This committee provides advice and guidance on the new curriculum.
- K-12 Social Studies Teacher Review and Development Committee—is composed primarily of K-12 educators who are practising teachers; this committee assists in the review and development of the new curriculum from the classroom perspective.

Technology Integration

Alberta Online Consortium

The [Alberta Online Consortium](#) (AOC) strives to support online schools and programs in Alberta with the development of course materials. This year AOC, working with online teacher-developers from across the province, is developing materials for ELA 20-1, Science 8, Applied Mathematics 30, CTS Agriculture, CTS Community Health, and CTS Foods. These courses conform to the Alberta programs of study and will be available for Beta Testing by interested school jurisdictions in September 2002. Please visit the [Alberta Online Consortium](#) Web site for more information on Content Development Initiatives, or contact [Cathy Simpson](#) at 780-415-8523.

LearnAlberta.ca

Alberta Learning is developing the [LearnAlberta.ca](#) Web site to provide Kindergarten to Grade 12 students, their parents and teachers with access to curriculum-related learning resources anytime, anywhere. In November 2001, school jurisdictions received and distributed User ID's and passwords to allow for access from both school and other locations; e.g., home, public library. Get in touch with your jurisdiction technology contact for further information.

Resources available at this time on the LearnAlberta.ca Web site include a Grade 6 interactive mathematics resource, Tools4Teachers, and an Online Reference Centre. Additional learning resources are in process and will include more elementary mathematics lessons and National Geographic educational materials.

Online Reference Centre

The [Online Reference Centre](#) is an exciting resource for teacher-librarians, teachers, students and their parents since it provides a 3-year licence to some of the best online educational reference resources. Teachers can be assured that information in these resources is updated regularly and that each resource has gone through standard, reliable editing and publishing procedures.

Through the Online Reference Centre, teachers are able to easily integrate research into the curriculum. Included are typical school library online references—*Electric Library*, *SIRS Discoverer*, *Grolier Online* and *The Canadian Encyclopedia*. *Electric Library* and *SIRS Discoverer* are full-text magazine databases, including material published over the last seven years, that also include newspapers—international, national and local—books, encyclopedias, photographs, maps and dictionaries. Online full-text magazines range from the very scholarly; e.g., *Science*, *Canadian Journal of Zoology*, *Macworld* and *The Futurist*, to the very primary; e.g., *Ranger Rick* and *Jack & Jill*. The encyclopedias provide students with an overview of their topic that can focus and lead them into more detailed research.

The Online Reference Centre is a valuable collection of a few references that can effectively lead students to other print, nonprint and online resources. It is one more tool to add to a tool kit of effective teaching resources.

Web Awareness: Knowing the Issues

The Web Awareness: Knowing the Issues professional development [workshop materials](#) have been revised. The CD-ROM provided for workshop participants last school year should be discarded. A new CD-ROM is currently being distributed to schools. For more information, contact [Bonnie Brooks](#) at 780-415-1148.

In December 2001, a one-day session on the revised materials was facilitated by the Edmonton Regional Consortium for regional trainers. The regional trainers will present 15 Web Awareness [workshops](#) for school-

based representatives this school year—12 in English and 3 in French. For more information, contact your [regional consortium](#).

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Testing

Deadlines for Requesting Accommodations or Special Writing Centres

Teachers and school principals should take note of the following deadlines for submitting special requests related to diploma examinations and achievement tests in the 2001-2002 school year.

- Application for accommodations for students with special diploma examination writing needs:
 - submit by February 22, 2002 for the April 2002 diploma examinations
 - submit by March 22, 2002 for the June 2002 examinations
 - submit by July 24, 2002 for the August 2002 examinations.
- Request for special format materials—Grades 3, 6 or 9:
 - submit by February 27, 2002 for the May/June 2002 achievement tests.
- Request for a special writing centre for diploma examinations:
 - submit by May 1, 2002 for the June 2002 diploma examinations.

To ensure that a request can be fulfilled in time for testing, it is essential that requests be submitted by these dates.

More information and application forms are provided in the [Diploma Examinations Program General Information Bulletin](#) and in the [Achievement Testing Program Grades 3, 6, and 9 General Information Bulletin](#). The application forms are found in [Section 12](#) of the Diploma Examinations Program bulletin and in [Section 7](#) of the Achievement Testing Program bulletin.

For more information, contact [Ann Fraser](#) at 780-427-0010.

Designing the Diploma Examinations in English Language Arts 30-1 and English Language Arts 30-2

An information package has been sent to English language arts department heads, outlining proposed changes to the English diploma examinations. Teachers are encouraged to review this information and to complete the survey included in the package. The English Examination Managers would appreciate receiving your feedback by February 28, 2002. Their address and fax number are provided at the end of the survey.

For more information, contact [Jo-Anne Hug](#) at 780-427-0010.

International Study of Student Achievement

The results of the 2000 Programme for International Student Assessment (PISA) were released in early December 2001. The key focus of this study was student achievement in reading. Mathematics and science were a secondary focus. Thirty-two countries and all 10 Canadian provinces participated. Alberta students scored the highest in reading, and their average scores were among the top three in science and mathematics. More detail is provided in the [provincial news release](#).

For more information, contact [Jim Brackenbury](#) at 780-427-0010.

Projects for Pure Mathematics 30 and Applied Mathematics 30

Now available on the [Alberta Learning](#) Web site is a new project for Pure Mathematics 30, entitled *Investment for Growth*, and a new project for Applied Mathematics 30, entitled *Farming in Alberta*. As in the past, sample answers will be available to teachers on the Extranet.

These projects will be associated with one of the written response questions on the corresponding June and August 2002 diploma examinations. The projects assist teachers in assessing students' achievement of some of the outcomes that are not readily assessed on examinations, as well as helping to reinforce applicable outcomes in the Information and Communication Technology (ICT) area.

For more information, contact [Phill Campbell](#) at 780-427-0010.