

**TLC Handbook  
2017-2018**



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**The Learning Connection - Edson**

**Location: 104 Provincial Building, 111 54 Street Edson**

**Mailing Address: 3656 1<sup>st</sup> Avenue Edson, AB T7E 1S8**

**Office 780.723.4496**  
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**The Learning Connection - Evansburg**

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**Office 780.272-2783**  
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**The Learning Connection - Grande Cache**

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**The Learning Connection - Hinton**

**Location: 149 Athabasca Avenue Hinton**

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**Office 780.865.7291**  
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**The Learning Connection - Jasper**

**Location: 409 Patricia Street Jasper**

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## **THE LEARNING CONNECTION PRINCIPLES OF EDUCATION**

- ❖ **All students can learn.**
- ❖ **Students learn in different ways.**
- ❖ **Students learn in different timeframes.**
- ❖ **Errors are inherent in the learning process.**
- ❖ **Formative assessments should be frequent.**
- ❖ **Life circumstances do not inhibit the ability to learn.**

# The Learning Connection

## Who Are We?

The Learning Connection is comprised of three off campus schools in Grande Yellowhead Public School Division #77. The Learning Connection offers programming for students from grade 1 to grade 12. Learning Connection schools are in the communities of Edson, Evansburg, Hinton, Jasper and Grande Cache. The schools are staffed by certificated teachers with subject area specialties, CUPE support staff, and the principal, Stuart Graham, who oversees all three schools.

There are a wide variety of programs and services offered at The Learning Connection in Edson, Evansburg, Hinton, Jasper and Grande Cache:

- In-home and home school programming for full-time grade 1 to grade 9 students.
- Full-time high school programming.
- Part-time programming for high school students who require specific courses in order to graduate.
- Summer school programming for high school students who need to re-take courses or get ahead by completing some high school courses early.
- Video conferencing courses are offered in the areas of second languages and Career and Technology Studies programs for high school students.
- Testing services: The Learning Connection schools are writing centers for Provincial Diploma Exams and Provincial Achievement Tests.
- Individualized programming: The Learning Connection offers programming to suit the needs of all students including students with specific learning and scheduling needs. The Learning Connection will strive to accommodate all physical and learning requirements.
- Staggered start times: students interested in enrolling at a Learning Connection school have the flexibility to begin a program at almost any point during the school year; students are not confined to starting a program at the beginning of a new school year or semester.
- Access to technology: The Learning Connection provides access to multi-media educational tools such as computers, the Internet, including WiFi accessibility, video conferencing suites and SMART Boards.
- Access to certificated teachers: The Learning Connection schools have certificated teachers available to assist with program planning as well as one-on-one, small group, and large group instruction and assessment. Teachers are available in person, by e-mail, telephone, text and video conference connection.
- Extended hours: The Learning Connection schools are open weekdays from 8:30 a.m. to 4:30 p.m. as well as during the first 3 weeks of July during summer school. Consult this website link for access to the current school GYPSD school calendar ~ <http://www.gypsd.ca>

# Classroom Guidelines for Learning Connection Students

Teachers and support staff at The Learning Connection schools believe that all students and parents deserve to be treated with respect at all times. Teachers and staff in return expect to be treated with respect at all times.

This means that when a student chooses to work at any Learning Connection school they will

- listen to the instructions of all staff members.
- act on the instructions of all staff.
- be respectful to everyone in the school at all times.
- act responsibly.
- stay on task.
- not interrupt when people are working or conversing.
- follow set break times (where applicable).
- be permitted to use personal audio devices at the discretion of TLC staff
- not use cell phones in the classroom.
- consult with a staff member before using computers.

If a student finds they are having trouble acting in an acceptable manner, they may have to meet with staff and set up a behavior plan.

\*Learning Connection staff reserve the right to modify the Classroom Guidelines to suit the needs of individual school environments.

# **Learning Connection Programs**

## **Elementary & Middle School Programs**

The Learning Connection offers programs for grade 1 through grade 9. Upon completion of grade 9, students can enroll in high school at The Learning Connection. For families interested in pursuing a full-time elementary or middle school program for their child(ren), The Learning Connection offers comprehensive grade 1 to grade 9 programming tailored to the needs of individual students:

### **In Home Programs**

The Learning Connection has a partnership with the Alberta Distance Learning Centre (ADLC) that allows us to provide families with a structured program which covers the Alberta Program of Studies. Completed work is mailed or e-mailed to ADLC for marking and then sent back to the student.

Although parents are responsible for guiding their children through the courses, help is available by phoning, emailing or texting the teachers at the Alberta Distance Learning Centre as well as the staff at TLC. All necessary learning materials are provided for the child; parents are only responsible for providing regular school supplies (pencils, scissors, crayons, glue, etc.) and for the cost of mailing completed assignments to ADLC for marking. Most ADLC courses are provided in print format for grades 1-6; at the middle school level, most courses are available in both print and online formats.

Some families choose to use structured programs other than those offered by the Alberta Distance Learning Centre. In this case, parents are responsible for providing a written overview of the material this program will cover and submitting it to the home school facilitator. Some funds are available for parents to use towards the purchase of these learning materials (amounts are determined annually by Alberta Education).

### **Home Education**

In some cases, parents will choose to design a program to meet the learning needs of their child(ren). In this case, parents usually choose from a variety of resources as well as activities they may design themselves. Parents must provide a written outline of their program to the home school facilitator for approval. Some funds are available to parents to use toward the purchase of learning resources for this program (amounts are determined annually by Alberta Education).

An in-home or home education program allows flexibility in planning school work schedules. However, students are expected to complete a program appropriate to their grade level each school year.

If you are interested in finding out more about in-home or home education programs, please call The Learning Connection at (780)723-4496 or toll free 1-800-723-2564.

## High School Programs

The Learning Connection operates on a semester system. This means that the school year is divided into two approximately equal time periods, or semesters, each about five months in length. Courses run their length in one semester. Semester one runs from September to January and semester two runs from February to June. Grade 10, 11 and 12 core subjects at all levels are available as well as many elective programs of study. Certificated teachers at The Learning Connection have high school subject area expertise. Teachers are responsible for assisting students with designing appropriate programs of study as well as providing ongoing instruction and assessment of student work.

### Course Information

- Course Credits: each course is assigned a credit value as determined by Alberta Education. To receive credits in a course, a student must achieve a mark of 50% or higher.
- Course prerequisites: prerequisites for each course are outlined in this guide. Course marks are reported as percentages.
- Diploma Exams: any student who is enrolled in English 30-1 or 30-2, Mathematics 30-1 or 30-2, Social 30-1 or 30-2, Science 30, Biology 30, Chemistry 30, or Physics 30 must write a provincial diploma exam. The final mark will be a combination of the school mark and the provincial exam mark (50/50 weighting). Provincial Diploma Exams are written in January, June and August; some Diploma Exams may also be offered in November and April at designated writing centres. Date and time of exam writing are uniform throughout the province of Alberta; students must write their designated exam on the assigned date.

### Credit Load

High school students at The Learning Connection are permitted to enroll in one core subject at a time. Depending upon the student's needs and interests there is the opportunity to enroll in Career and Technology Studies and other elective courses such as CALM or Phys. Ed. (3 credit available) at the same time. The decision to work on a core subject and an elective(s) at the same time will be determined after consultation with a teacher.

### What are recommended marks?

Although a student only requires a final mark of 50% to move to the next level in a course of study, teachers recommend minimum marks that should be met so that the student's chance of success is greater at the next level. These recommendations are made based on professional understanding of the curriculum and experience with students in the subject area. Parents can request students be placed in courses without recommended marks, but not without pre-requisites. It is possible to switch streams (i.e.: Science 10 to Science 14) early on in a course of study if the student finds a course is too difficult.

## **Planning for High School**

### **Before Choosing Your High School Program:**

- Ensure that your program meets Alberta Education diploma requirements and satisfies your personal interests and objectives. Select your compulsory courses.
- Select option courses based on your personal interests and also on availability at The Learning Connection.
- Meet grade level credit requirements.
- Present the necessary prerequisite qualifications.
- Be realistic in your planning.

### **Understanding Alberta Education Regulations**

#### ***Earning Credits***

You earn high school credits by obtaining a mark of 50% or higher. You have the option of repeating the course to earn a higher mark, but credits are granted only once for any course.

#### ***The Course Numbering System***

High school course numbers designate both the grade level and the level of academic challenge.

- Grade 10 courses are designated 10, 10C, 10-1, 10-2, 10-3, 10-4, 14 and 15
- Grade 11 courses - 20, 20-1, 20-2, 20-3, 20-4, 24, 25, and
- Grade 12 courses - 30, 30-1, 30-2, 30-4, and 35.

#### ***Prerequisite Standing***

Courses are arranged in sequences such as Social Studies 10-1, 20-1, and 30-1. A student must present a mark of 50% or higher in order to achieve credits in a particular course. Prerequisite and recommended marks for subsequent courses are detailed within this guide.

#### ***Diploma Examinations***

There are Diploma examinations in English 30-1 and 30-2, Social Studies 30-1 and 30-2, Mathematics 30-1 and 30-2, Biology 30, Chemistry 30, Physics 30 and Science 30. Students taking these courses must write Diploma examinations. Final marks represent a blending of the school mark and the provincial examination mark.



## Alberta High School Diploma Graduation Requirements

A minimum of 100 credits, which must include:

- English 30-1 or 30-2 (15 credits in English)
- Social Studies 30-1 or 30-2 (15 credits in Social Studies)
- Mathematics 20-1, 20-2 or 20-3 (10 credits minimum in Math)
- Five credits in a Grade 10 Science course and 5 credits in a 20-level Science course (10 credits total), which include the following:
  - Biology 20 or
  - Chemistry 20 or
  - Physics 20 or
  - Science 20 or
  - Science 24
- Physical Education 10 (3 credits minimum)
- CALM 20 (3 credits)
- 10 credits from Career and Technology Studies or  
Fine and Performing Arts or  
Second Languages or  
Physical Education 20 and/or 30 or  
Locally Developed Courses (LDC) or  
Knowledge and Employability  
Registered Apprenticeship Program  
Work Experience (to a maximum of 15 credits toward grad requirements)
- 10 credits in any authorized 30-level courses in addition to English and Social Studies

## Alberta Certificate of High School Achievement

A minimum of 80 credits, which must include:

- English 20-2 or 30-4
- Social Studies 10-2 or 20-4
- Mathematics 10-3, 14 or 20-4
- Science 14 or 20-4
- Physical Education 10 (3 credits minimum)
- CALM 20 (3 credits)
- 5 credits in
  - 30-level Knowledge and Employability occupational course OR
  - 30-level Career and Technology Studies (CTS), OR
  - 30-level locally developed course with an occupational focus
- AND
- 5 credits in
  - 30-level Knowledge and Employability Workplace Practicum, OR
  - 30-level Work Experience course, OR
  - 30-level Green Certificate course
- OR
- 5 credits in
  - 30-level Registered Apprenticeship Program (RAP) course

## **Learning Connection Student Services**

TLC teachers provide academic and personal support to students to assist with school and post secondary programming:

### **School Programming & Post Secondary Planning**

- Assistance with planning school programs.
- Assistance with study skills, learning strategies and exam preparation.
- Course registration and course changes.
- Information on programs available at post-secondary institutions and their prerequisites for colleges, universities, and technical schools throughout Canada and the United States.
- Information for students to attend “Orientation Sessions” and “Open Houses” at various post- secondary institutions.
- Information on the availability of scholarships, bursaries and loans.
- Administration of and interpretation of interest tests for career planning.
- Exploration of careers through computerized programs and the Internet.
- Assistance with career path choices through personal consultation, class visits, post-secondary information days, and career days.
- Assistance with job search skills.

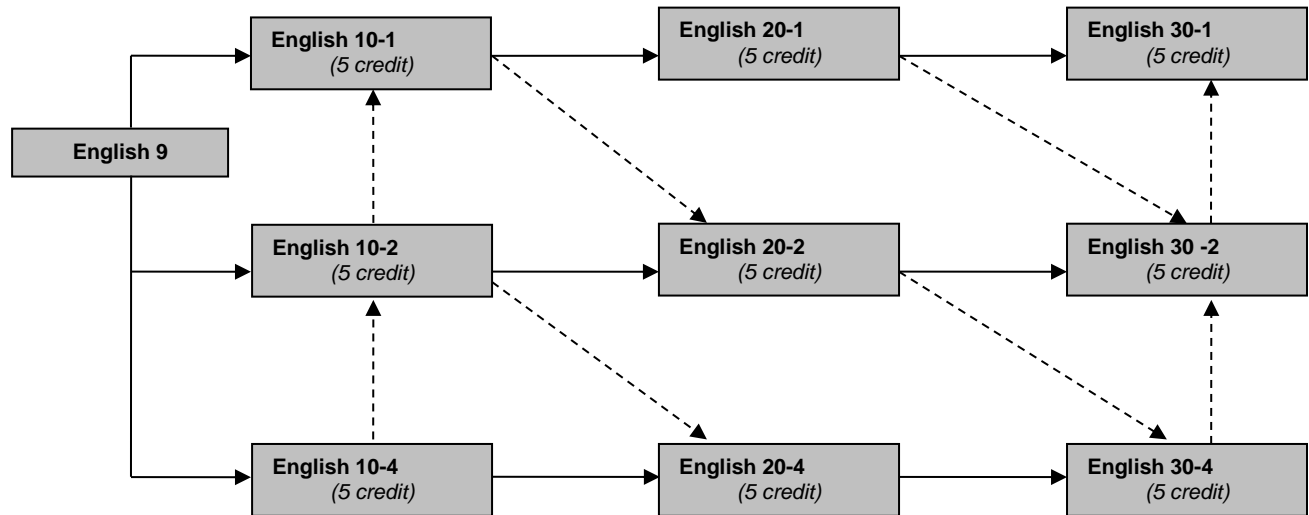
### **Student Services**

- Assistance for students who are dealing with personal concerns or problems which may interfere with school attendance, performance, and personal health and well-being.
- Consulting with students and parents with regard to family problems and referrals to a Family School Liaison worker.
- Acting as a liaison with parents, students and community agencies.
- Referring students with special learning needs for assessments or other community agencies.
- Support for First Nations, Metis, and Inuit students and their families from a First Nations, Metis and Inuit (FNMI) liaison worker.
- Monitoring the progress of identified students with special needs.
- Monitoring the progress of identified “At-Risk” students.

# High School Courses

## English

All high school students must complete specified English courses for the high school program they are working towards (regular Alberta high school diploma or certificate of high school achievement),



### English 10-1, 20-1 & 30-1 (5 credits each)

This course sequence includes all six language arts processes: writing, reading, speaking, viewing, listening, and representing. Emphasis is placed on written composition and critical reading. Course content will include literature in a variety of genres including Shakespearean drama. The 10-1, 20-1, 30-1 route (especially English 30-1) is designed to prepare students for university or other post-secondary routes requiring advanced English skills. Language and literature are extensively studied with the expectation that students will display mature and competent levels of written composition and literary criticism.

## **English 10-2, 20-2, & 30-2 (5 credits each)**

This course sequence develops all six language arts processes: listening, reading, writing, speaking, viewing and representing with a view to preparing students to be competent users of functional English. Although much of the course of studies is literature-based, the writing assignments are essentially personal and persuasive.

These courses also emphasize skills in the practical uses of language. Students are expected to develop skill in writing letters, proposals, and essays. Reading experiences emphasize understanding and enjoyment while attention is paid to developing critical viewing and listening skills. This stream will prepare students for post- secondary institutions that do not require English 30-1.

## **English 10-4, 20-4, & 30-4 (5 credits each)**

This stream sequence is designed for students who have experienced difficulty with English language arts in the regular program and focuses on the need of the learner to experience success. It assists students in meeting the credit and course requirements of the Certificate of High School Achievement.

## **Mathematics**

Students have several alternatives when selecting a math program in grade 10. Choices should be made on the basis of interests, abilities, learning styles and post-secondary plans.

Students whose post-secondary plans require further study in mathematics will need to complete a sequence of courses culminating with Math 30-1 or possibly Math31. For those students whose post-secondary plans do not require further mathematics courses beyond high school, a sequence of courses culminating with Math 30-2 may meet their needs. The mathematical requirements of specific post-secondary schools and programs vary and may change from year to year. Current information on these requirements can be found in calendars from the post secondary institutions or on the Alberta Learning website, [www.education.gov.ab.ca](http://www.education.gov.ab.ca). Both Math 30-1 and Math 30-2 courses culminate with a diploma exam worth 50% of the final course mark and are recognized for Rutherford scholarships. Both the Math 30-1 and 30-2 courses require the use of a graphing calculator. The primary calculator for instruction is the TI-84 Plus.

## **RECOMMENDED PREREQUISITE COURSES**

### **How do the courses work?**

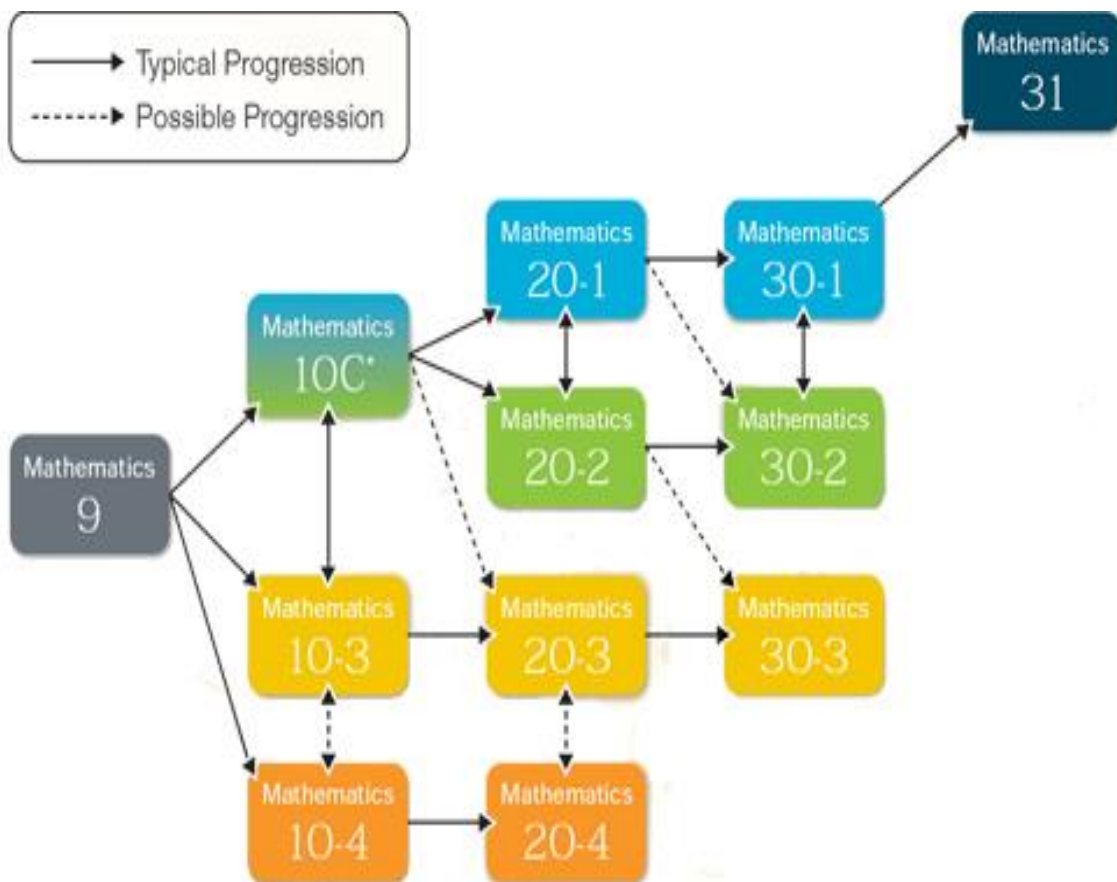
Below is a chart showing how the courses relate to one another and what options students will have as they progress through their high school career.

Here is an excerpt from the Alberta Education Mathematics Program of to help explain the three mathematics streams in order for students to make an informed choice:

- **Mathematics-1** if I want to study mathematics or sciences at a university, college, or technical institute and go on to a related career.

- **Mathematics-1** is for students who plan to enter post-secondary programs such as engineering, mathematics, sciences, some business studies, or other programs that require advanced math skills. The sequence is a co-requisite for Mathematics 31 and may be required for post-secondary calculus courses.
  - **Mathematics-1** includes topics such as permutations and combinations, relations and functions, sequences and series, and trigonometry.
- 
- **Mathematics-2** if I want to attend a university, college, or technical institute after high school, but do not need calculus skills.
  - **Mathematics-2** is for students wishing to study at the post-secondary level in diverse fields, including arts programs, civil engineering technology, medical technologies, and some apprenticeship programs. This path will fulfill most students' needs. Mathematics-2 is designed with a great deal of flexibility, so that the student can switch sequences in Grade 11 or Grade 12 if his or her interests change.
  - **Mathematics-2** includes topics such as relations, functions and equations, probability, statistics, and trigonometry.
- 
- **Mathematics-3** if I am interested in learning the mathematics needed to enter most trades or if I want to enter the workforce after high school.
  - **Mathematics-3** is for students who want to apprentice to a trade or enter the workforce directly after high school. It is designed to meet the entrance requirements for apprentices in most trades programs, specifically levels one to three. Mathematics-3 includes topics such as finance, geometry, measurement, and trigonometry.

## Progression Through Course Sequences



## CHOOSING THE RIGHT COURSE

### Mathematics 10C

The revised Grades 10-12 Mathematics Program includes a new option for students entering Grade 10. Mathematics 10C – the 'C' stands for 'combined' – is the starting point for both the Mathematics-1 and Mathematics-2 course sequences. Students who aren't sure which course sequence they want to follow right out of junior high can take Mathematics 10C and then choose which path they want to take, either Mathematics 20-1 or Mathematics 20-2, in Grade 11.

It allows students more time, and more resources, before they have to make a decision about which course sequence to pursue. And it is designed to provide the student opportunities to switch sequences based on changes in his or her education and career goals.

Other Grade 10 mathematics courses available are the new Mathematics 10-3 for students planning to enter the majority of trades or the workforce immediately after high school and the current Mathematics 10-4 (Knowledge and Employability).

## **A Smoother Transition**

The new program was designed to make it easier for students to move from Grade 9 to Grade 10 in mathematics. Mathematics 10C helps students who passed Mathematics 9 build on their achievements to succeed at new challenges in Grade 10. Students will spend year learning in the high school format before choosing which sequence to follow in Grades 11 and 12.

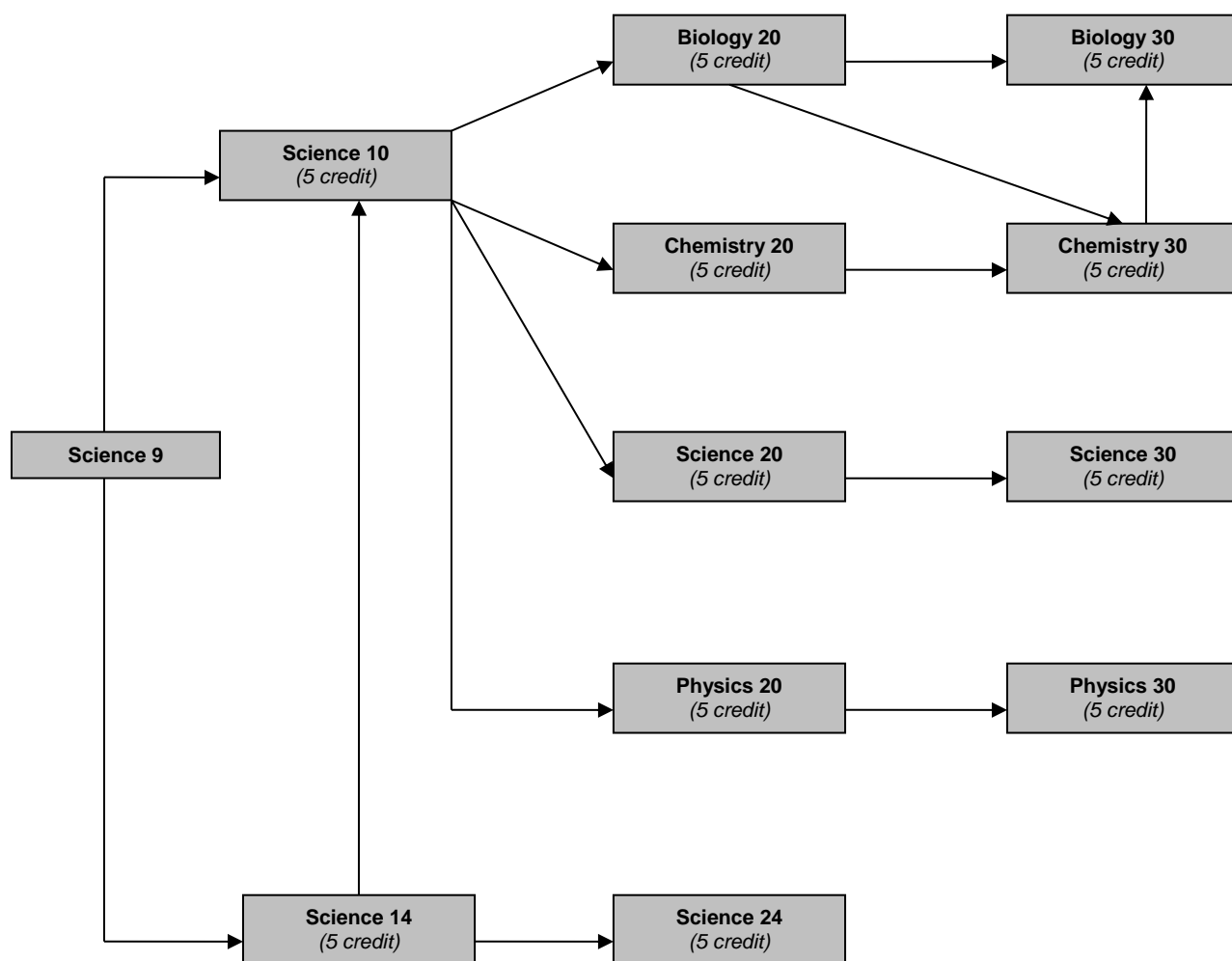
## **Informed Decisions**

The courses students take in high school affect the programs they can enter in post-secondary education. By waiting until Grade 11 to choose which mathematics course sequence to follow, students will have a better idea of their future career goals, their skill at high school-level mathematics, and the requirements for the post-secondary programs that interest them. Students can now get input from high school teachers and counselors on which course suits their specific skills and career needs. And a wider range of programs at universities, colleges, and technical institutes will accept the new mathematics-2 course sequence than the current Applied Mathematics route, giving students more options at the post-secondary level as well.

## **Greater Flexibility**

Students' goals and needs may change during high school, and with Mathematics 10C they can change their mathematics course to suit those new directions. Mathematics 10C includes topics needed for both Mathematics 20-1 and Mathematics 20-2. This means students will have the background knowledge to switch course sequences in either Grade 11 or Grade 12. Students will have more options in high school, which means more choices for their future education and career paths.

# SCIENCE



## Science 10 (5 credits)

*Recommended: 60% or higher in Grade 9 Science and Math*

This is an academic course for students who wish to pursue further studies in biology, chemistry or physics. The main theme of the course is energy. Topics include chemistry, physics, biology and earth science.

## Science 14 (5 credits)

The Science 14-24 sequence allows students who have experienced difficulty in science to meet the requirements for a high school diploma. The topics studied include properties of matter, energy transfer technologies, living systems, and the environment.



## **Science 24**

(5 credits)

*Prerequisite: 50% in Science 14*

This course enables students to meet the minimum requirements for a high school diploma. Topics include chemistry, energy, immunity, and transportation safety.

## **Biology 20**

(5 credits)

*Recommended: 60% in Science 10*

Biology 20 is intended for students who wish to go on to Biology 30. The topics studied include the environment, evolution, cell processes, and human physiology.

## **Chemistry 20**

(5 credits)

*Recommended: 60% in Science 10*

Chemistry 20 is intended for students who wish to go on to Chemistry 30. The topics studied include chemical bonding, stoichiometry, gases, solutions, and acids and bases.

## **Physics 20**

(5 credits)

*Recommended: 60% in Science 10 and 60% in Pure Math 10*

Physics 20 is intended for students who wish to go on to Physics 30. The topics studied include kinematics and dynamics, circular motion and gravitation, and mechanical waves.

## **Science 20**

(5 credits)

*Recommended: 50% or higher in Science 10*

This course is an integrated alternative to Biology, Chemistry and Physics 20. The topics studied include the Earth, living systems, chemistry and motion. This course enables students to meet the requirements for a high school diploma. Science 20 cannot be used as a prerequisite for Biology, Chemistry and Physics 30. Those students who plan to pursue a post-secondary program in sciences or engineering will need to enroll in some combination of Biology, Chemistry and Physics 20 and 30. However, some post-secondary programs will accept Science 30 as a qualifying subject.

### **Biology 30**

(5 credits)

*Recommended: 60% in Biology 20*

In this diploma examination course, the topics include the nervous, endocrine and reproductive systems, cell division, classical genetics, molecular genetics, and population dynamics.

### **Chemistry 30**

(5 credits)

*Recommended: 60% in Chemistry 20*

In this diploma examination course, the topics include organic chemistry, energetics, electrochemistry, and chemical equilibrium.

### **Physics 30**

(5 credits)

*Recommended: 60% in Physics 20 and Math 20 Pure*

In this diploma examination course, the topics include the conservation laws, electric forces and fields, magnetic forces and fields, light, and the nature of matter.

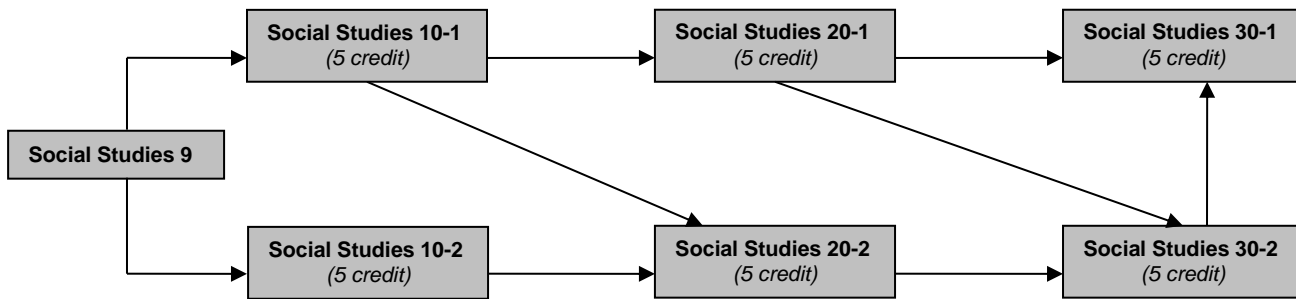
### **Science 30**

(5 credits)

*Prerequisite: 50% or greater in Science 20*

In this diploma examination course the topics included are physiology, genetics, chemistry, energetics, and ecology.

## SOCIAL STUDIES



### **SOCIAL STUDIES 10-1: Perspectives on Globalization**

*Recommended prerequisite: 60% in Social Studies 9*

Students will explore multiple perspectives on the origins of globalization and the local, national and international impacts of globalization on lands, cultures, economies, human rights and quality of life. Students will examine the relationships among globalization, citizenship and identity to enhance skills for citizenship in a globalizing world. The infusion of multiple perspectives will allow students to examine the effects of globalization on peoples in Canada and throughout the world, including the impact on Aboriginal and Francophone communities.

### **SOCIAL STUDIES 10-2: Living in a Globalizing World**

*Prerequisite: Less than 60% in Social Studies 9*

Students will explore historical aspects of globalization as well as the effects of globalization on lands, cultures, human rights and quality of life. Students will explore the relationships among globalization, citizenship and identity. The infusion of multiple perspectives will allow students to examine the effects of globalization on peoples in Canada and other locations, including the impact on Aboriginal and Francophone communities. Students will develop skills to respond to issues emerging in an increasingly globalized world.

### **SOCIAL STUDIES 20-1: Perspectives on Nationalism**

*Recommended prerequisite: 60% in Social Studies 10-1*

Students will explore the complexities of nationalism in Canadian and international contexts. They will study the origins of nationalism and the influence of nationalism on regional, international and global relations. The infusion of multiple perspectives will allow students to develop understandings of nationalism and how nationalism contributes to the citizenship and identities of peoples in Canada.

## **SOCIAL STUDIES 20-2: Understandings of Nationalism**

*Prerequisite: 50% in Social Studies 10-2*

Students will examine historical and contemporary understandings of nationalism in Canada and the world. They will explore the origins of nationalism as well as the impacts of nationalism on individuals and communities in Canada and other locations. Examples of nationalism, ultra nationalism, supranationalism and internationalism will be examined from multiple perspectives. Students will develop personal and civic responses to emergent issues related to nationalism.

## **SOCIAL STUDIES 30-1: Perspectives on Ideology**

*Recommended prerequisite: 60% in Social Studies 20-1 or 70% in Social Studies 33*

Students will explore the origins and complexities of ideologies and examine multiple perspectives regarding the principles of classical and modern liberalism. An analysis of various political and economic systems will allow students to assess the viability of the principles of liberalism. Developing understandings of the roles and responsibilities associated with citizenship will encourage students to respond to emergent global issues.

## **SOCIAL STUDIES 30-2 : Understandings of Ideologies**

*Prerequisite: 50% in Social Studies 20-2*

Students will examine the origins, values and components of competing ideologies. They will explore multiple perspectives regarding relationships among individualism, liberalism, common good and collectivism. An examination of various political and economic systems will allow students to determine the viability of the values of liberalism. Developing understandings of the roles and responsibilities associated with citizenship will encourage students to respond to emergent global issues.

## **PHYSICAL EDUCATION**

### Physical Education 10 (3 credit)

Full time students completing their high school program solely with The Learning Connection must enroll in Phys. Ed. 10. This 3-credit program is offered at The Learning Connection to assist students in meeting graduation requirements. Phys. Ed. 10 at The Learning Connection is an individualized program based on a student's needs and interests. Part-time students at The Learning Connection who attend another high school may choose to enroll in Phys. Ed. at their high school. For more information please talk to the teaching staff at The Learning Connection.

## **CAREER AND LIFE MANAGEMENT**

### CALM ~ Career and Life Management

(3 credits) Prerequisite: None

The Career and Life Management Program will provide students with opportunities to develop their ability to cope with the stresses of living in a rapidly changing society. The course is organized around three main themes: Personal Choices (well being), Resource Choices (finances), and Career and Life Choices (careers and choices beyond high school). All Alberta high school students must complete this course in order to graduate.

## **ELECTIVES**

### **Career & Technology Studies ~ CTS**

Learning Connection students have a wide range of CTS modules to choose from in the following areas (subject to availability). Here is an excerpt from Alberta Education's Program of Studies for Career and Technology studies:

#### **BIT: Business, Administration, Finance & Information Technology**

The BIT courses focuses on the management, marketing and use of electronic technologies to access, use and manipulate information within personal, family, workplace, community and global contexts. Students are challenged to expand their confidence, experience and skills as innovators and leaders.

#### **HRH: Health, Recreation & Human Services**

The HRH course focuses on a vast array of challenging and rewarding careers in health care, community supports, recreation, cosmetology, food services, tourism and law.

#### **MDC: Media, Design & Communication Arts**

The MDC courses are designed to provide students the flexibility to adapt to various situations relating to design, communication and esthetics. Courses relate to art and culture, such as the performing arts, film and video, broadcasting, journalism, writing, creative design, fashion, libraries and museums.

### **NAT: Natural Resources**

The NAT courses focuses on conservation and the sustainable use of natural resources. Students develop the motivation and commitment to work individually and collectively as private citizens and members of the workforce toward the conservation and responsible use of air, energy, forests, land, minerals, water and wildlife.

### **TMT: Trades, Manufacturing & Transportation**

The TMT courses focuses on skills and knowledge related to the design, construction, fabrication and maintenance of a product. Courses relate to manufacturing, processing, utilities, construction, mechanics, fabrication, trades supervision, trades contracting, logistics, transportation and heavy equipment.

Please note: some CTS courses are offered by video conference. Ask a Learning Connection teacher what video conference course offerings are available for the current semester. In addition, some CTS courses are available in an online and/or print format.

### **Special Projects**

Special Projects is a course designed by a student in consultation with a teacher. Students can earn credits at the 10, 20 and 30 level. Special Projects credits are designed to recognize work undertaken by students on an individual or small group basis. Special Projects allows students to be involved in the selection, planning and organization of their projects and to pursue activities in which they have considerable interest or ability but which are not within the scope of the regular curriculum or the programs being offered. The process begins with the student meeting to discuss special projects idea and then creating a proposal and presenting it for approval. Credits are earned by carrying out agreed upon activities from the accepted proposal with a focus on hours of participation, completion of tasks and a culminating presentation of the project to a teacher.

### **Languages**

French 10, 13 and 20 are offered at The Learning Connection and are comprised of a set of workbooks, audio resources, and a textbook. Each year there may also be second language courses in Spanish, French, German and Japanese offered by video conference. Ask a Learning Connection teacher what video conference course offerings are available for the current semester.

## Off-Campus Education

### Work Experience 15, 25, & 35

Work experience at The Learning Connection provides opportunities for students to gain practical employment experience in areas related to their interests and skills. Work experience is recommended for Grade 11 and Grade 12 students. Work Experience 15, 25, and 35 each require a minimum of 75 hours of work (for 3 credits) up to a maximum of 250 hours of work (for 10 credits). Each additional 25 hours over the minimum equates to one additional credit. The student works under the direct guidance of a supervisor (employer) and a teacher at the Learning Connection who is in charge of coordinating the Work Experience program. The number of Work Experience credits that a student may count toward a high school diploma is limited to 15, although more may be earned.

### Green Certificate Program

The Green Certificate Program was developed by Alberta Agriculture, Food and Rural Development (AAFRD) as a means of developing human resources for Alberta's agriculture sector. Alberta high school students are able to earn credits by enrolling in combinations of courses relating to one of the following specializations:

Bee Keeper Production	Cow-Calf Beef Production
Dairy Production	Feedlot Beef Production
Field Crop Production	Irrigated Field Crop Production
Sheep Production	Swine Production

### Career Internship

The Career Internship 10 course provides opportunities for the school and the community to combine resources to enhance student awareness about, and preparation for, entry into trade, technology and service careers. In particular, Career Internship 10 is designed to prepare students for entry into a trade, technology or service occupation pathway, including entry into an apprenticeship and enrollment in the Registered Apprenticeship Program.

Career Internship 10 is recommended as a prerequisite to enrolling in the Registered Apprenticeship Program or other technology or service career-related courses and programs.

### Registered Apprenticeship Program – RAP

This program allows students to work as a paid employee and earn credits toward a high school diploma and hours toward a trade ticket. Registered Apprenticeship Program is recommended for Grade 11 and Grade 12 students however, any student aged 15 or older can apply. Generally a student works full days for one semester or half days for two semesters. This effectively advances students one year forward in their post-secondary endeavors. The overall goal is to have the student graduate and be able to register for first year technical training and begin working on his or her second year hours. A student can earn up to 40 credits in RAP.

Who is RAP for?

- A student who wants to get a one-year head start on their career
- A student who learns well through on-the-job training and wants a career where you work with your hands
- A student who plans on earning a college diploma or university degree; a ticket in a related trade is a recipe for success
- A student who wants a way to pay for a post-secondary education (and have a back-up career too)