

THORHILD CENTRAL SCHOOL

Student Registration Guide 2015-2016



THORHILD CENTRAL SCHOOL

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Principal: Kim Carson
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MISSION

We envision Thorhild Central School as a connected diverse community that fosters learning, wellness, joy and celebration. Thorhild Central School is a positive place where everyone has a voice and realizes their potential.

VISION

At Thorhild Central School, we value learning for all and are dedicated to creating a community built on mutual respect and open communication. We foster collaboration and teamwork, are guided by empathy and compassion, and encourage each other to live our core values, which include integrity, honesty trust, creativity and innovation.

GENERAL INFORMATION

Welcome to TCS

This registration guide is designed to assist you in exploring programs offered at Thorhild Central School (TCS). Additional information can be found on our website at: www.asperview.org/tcs or call the school at 780-398-3610.

The normal prerequisite to high school is successful completion of grade nine. Students who are or will be 19 prior to September 1st must meet with an administrator prior to completing their registration. Individuals who are 20 or over on September 1st are directed to visit a local college to explore further education opportunities. Foreign and Out-of-Province students are subject to a tuition fee in addition to regular school fees.

Administration can provide you information on specific post-secondary requirements.

Students entering TCS from outside our system must meet with administration to register. Students finding it necessary to revise their schedule because of a change in educational plans or failure of a pre-requisite course must see administration before or during the first week of the semester.

All students should discuss their program with their parents and school administration to ensure program meets their needs.

PLANNING YOUR PROGRAM

Step 1: Know Your Needs and Goals

Students registering in high school should have an educational goal in mind. If educational goals are not defined, students should register in the highest level of academic courses in which they can succeed. Students should try to choose high school courses which reflect their junior high achievement. Thinking ahead helps you plan better!

Note: A high school diploma does not necessarily grant admission to post-secondary institutions. Be aware that there are a variety of entrance requirements for post-secondary institutions and students should plan programs accordingly.

Step 2: Understand Alberta Education Diploma Requirements

Course	Minimum Requirement	Credits Required
English Language Arts	10, 20, 30	15
Social Studies	10, 20, 30	15
Mathematics	10, 20	10
Science	10, 20	10
Physical Education	10	3
Career & Life Management	CALM	3
CTS/Fine Arts/Second Language	A minimum of 10 credits	10
30-Level Courses	10 credits other than English and	10
76 Specified Credits/ 24 Unspecified Credits		

To earn the Alberta High School Diploma, a student must earn a minimum of 100 credits.

Step 3: Understand Awarding of Credits

You earn the credits attached to a high school course 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.**

Retroactive Credits: Students who achieve a mark between 45 - 49% may continue at the next grade level in the lower program route with the approval of the school Principal. In these cases, students who successfully complete the next grade level course will earn credit for the course taken and for its normal prerequisite.

Note: Retroactive credits can be earned in English, Math, Social Studies and Science. However, all levels in all courses are NOT recommended for this progression. **Application must be made to the school Principal.** See recommended study paths in specific program sections.

Step 4: Planning Considerations

Prerequisite Standing: Courses are arranged in sequences **such as** Social Studies 10-1, 20-1, 30-1. A student must achieve a mark of 50% or higher in order to take the next course in a sequence.

Note: Recommended mark in the 10-1/20-1/30-1 sequence to move to the next course level is 65% or better.

Diploma Courses: There are provincial examinations in ELA 30-1 and 30-2, Math 30-1 and Math 30-2, Biology 30, Chemistry 30, Physics 30, Science 30, and Social Studies 30-1 and 30-2. Students taking these courses must write the diploma exam, which counts for 30% of the final mark in that course.

Course Challenges: A student is eligible to challenge a course under these guidelines:

- The student feels he/she has the skills needed in that course to enable him/her to go on to the next level.
- The student has not failed the course to be challenged.
- The student is not currently registered in the course.
- The student is prepared to undertake a comprehensive evaluation which may include the following components: written, oral, lab, portfolio or others as deemed necessary.

Grade 10 Course Entrance Criteria: High School programs recognize and accommodate the wide range of

developmental needs, abilities, and differences that exist among students.

Below is a guideline for choosing courses for your grade 10 school year.

Grade 9 Course	Grade 9	High School Course
Language Arts 9	less than 65%	English Language Arts (ELA) 10-2
Language Arts 9	65% or greater	English Language Arts (ELA) 10-1
Math 9	less than	Math 10-3
Math 9	50% or	Math 10C
Social Studies 9	less than	Social Studies 10-2
Social Studies 9	65% or	Social Studies 10-1
Science 9	less than	Science 14
Science 9	65% or	Science 10

Prerequisite requirements may be waived by the Principal on the recommendation of the sending school, under special circumstances, and/or in response to an appeal from a student and his/her parents. These judgments will be made on an individual basis.

SCHOLARSHIPS

Students are encouraged to initiate searches on their own, as each institution houses their own array of scholarships.

- Students are encouraged to become aware of and use available websites.
- Students are encouraged to develop scholarship portfolios throughout high school.
- Additional information: at www.alis.gov.ab.ca/scholarships.

Alexander Rutherford Scholarships

Rutherford Scholarships are awarded to recognize and reward achievement at the high school level and to encourage students to continue their studies. Scholarships are awarded to students achieving a minimum average of 75.0% to 79.9% and/or 80.0% or higher in five

designated subjects. At all grade levels, including Grade 12, subjects include English, two additional core courses, and any other two courses including special interest subjects.

Starting July 2015, an application form will be available online in early July from <http://alis.alberta.ca/hs/fo/pay/scholarships/info.html?EK=11>. Students are advised to submit their application online starting July 2, if they are starting post-secondary study in September.

HOW TO REGISTER

Students from outside the Division or new to Thorhild:

Contact the school at 780-398-3610 to book an appointment with the Principal, Kim Carson, to initiate pre-registration and course selection for the school year.

Please bring a copy of your Detailed Academic Record (DAR).

Students are required to carry the following course load:

- Grade 10 (first year of high school) students must have a full course load, no spares.
- Grade 11 (second year of high school) students must have a full course load, no spares.
- Grade 12 students (third year of high school with at least 70 credits on September 1st) are allowed to maintain a program with spares. It is recommended that students have at least 30 credits in their final year but emphasis should be completing the requirements for graduation. Please check university and college requirements before you schedule spares. Spares should be used to study, complete homework and improve grades.
- Third year students who do not have 70 credits as of September 1 or those who do not have passing marks in grade 11 level Social Studies and English must meet with administration to develop an education plan contract that meets Alberta High School graduation requirements.
- At the beginning of Semester 2, when a student demonstrates that they have the classes and credit in place to earn an Alberta High School Diploma or Certificate of High School Achievement, they will be added to the Convocation list.

Students can register for their classes through Student Portal or Parent Portal (PowerSchool).

Course Withdrawals and Transfers

Students should carefully choose their courses when regis-

tering so as to keep transfer and withdrawal requests to a minimum.

Students asking to transfer or withdraw classes must ensure that their timetable still meets the minimum requirements for their grade. Students may transfer courses in the first two weeks of each semester, after consultation with administration.

Students who are failing a course at the mid-term point should discuss their situation with their teacher and their parents. Students may drop a core course only with parental approval, and only if the student can still meet the program requirements listed above. This may mean the enrolment in a Aspen View Virtual School (AVVS) course or CTS course. A "W" for withdrawal for courses or an INC for incomplete CTS courses will appear on the student's transcript.

Students are encouraged to repeat the course to improve their mark.

Fees

A registration fee is required of all students. Additional fees are required for CTS courses and other electives. Students playing on school teams will have fees related to that participation as well.

Technology Fee	\$10
Resource Fee	\$65/semester = \$130
Virtual Course	\$30 (non-core course)
Virtual Course	\$75 (core course)
Cosmetology	\$65
Foods	\$30



CERTIFICATE OF ACHIEVEMENT REQUIREMENTS	
80 CREDITS INCLUDING THE FOLLOWING:	English Language Arts 20-2 or 30-4
	Mathematics 10-3 or 20-4
	Science 14 or 20-4
	Social Studies 10-2 or 20-4
	Physical Education 10 (3 Credits)
	Career & Life Management (3 Credits)
5 CREDITS IN: <u>AND</u>	30-Level Knowledge & Employability Occupational Course, or 30-Level Career & Technology Studies (CTS), or 30-Level Locally Developed/Acquired Course with an Occupational focus
5 CREDITS IN	30-Level Knowledge & Employability Workplace Practicum Course, or 30-Level Work Experience Course, or 30-Level Green Certificate Course, or Special Projects 30
<u>OR</u> 5 CREDITS IN	30-Level Registered Apprenticeship Program (RAP) Course

REQUIREMENTS FOR A CERTIFICATE OF ACHIEVEMENT

The chart on the next page shows the minimum requirements for a student to attain a Certificate of Achievement.

Note: The requirements for entry into post-secondary institutions may require additional and specific courses.

Knowledge & Employability Program (K&E)

K&E courses are available to students in grades 8 - 12 who meet specific educational criteria. The courses are intended to provide students with opportunities to experience success and become well prepared for employment, further studies, active citizenship and lifelong learning. Knowledge and Employability courses include and promote:

- workplace standards for academic, occupational and employability skills.
- practical applications through hands-on and off-campus experiences and/or community partnerships.
- career development skills for exploring careers, assessing career skills and developing a career-focused portfolio.
- interpersonal skills to ensure respect, support, and cooperation with others at home, in the community, and in the workplace.

Summer School

In order to meet the wide range of needs of high school students, Edwin Par Composite offers additional learning opportunities through Summer School. Classes are offered if there is a sufficient number of requests for a course and a teacher interested in giving instruction.



Centre for Alternative and Virtual Education (CAVE)

CAVE is an online school designed to provide students with the same high quality programming but through an alternative form of instruction. CAVE uses Moodle (a course management system that includes Gradebook, quizzes, and private email on-line) to deliver the courses to the students. All courses are administered by a team of certified teachers who have an assigned group of students, as they would if they were working in a conventional setting.

CAVE is primarily used to give students an opportunity to:

- Take courses that they could not fit into their schedules.
- Take courses that are not offered by classroom instruction.
- Take courses outside of the regular classroom.

Students may register throughout the school term. For more information please visit the Virtual school website at [http:// www.aspenview.org/virtual](http://www.aspenview.org/virtual) where you can find contact information, courses offered and registration forms.

Outreach Program

The Athabasca Centre for Alternative and Virtual Education (CAVE) is a facility for students under 20 years of age to complete their high school education in a flexible, self-paced environment. Students work at their contracted pace on distance learning material with the support of professional staff. 30-Level students are encouraged to take courses through the classroom or by distance education. Admission is with the approval of an administrator and the Outreach teacher.

For more information, contact the CAVE at 4717-47 Avenue in Athabasca or by phone 1-888-870-7313.

Home Schooling

Students who wish to receive their full education at home may do so through Thorhild Central School. Students and parents should first meet with a member of the administration to register the student. The student will receive instruction through the Alberta Distance Learning Centre (Barrhead), using their materials and instructors.

Home education students registered at Thorhild Central School are considered Thorhild Central School students and therefore are allowed to participate in extra-curricular activities such as sports teams, trips, or dances. Home education students also have access to school resources such as the library and counseling services, within normal operating procedures. They also must pay the same school resource fees as other students.

Dual Credit Courses

Dual Credit (high school and university credit) courses are being offered in Aspen View. The intent is to provide a bridging program for students who will continue their schooling beyond grade 12. The following courses have been approved for Semester 1 of 2015/16 school year: Architecture 200, Astronomy and Astrophysics 205, Biology 204, Chemistry 217, Computer Studies 200, English 255, Geography 201, Health Studies 200, Mathematics 209, Music 267, Nursing 250, Physics 210, Psychology 200, Spanish 200, Women and Gender Studies 266, and French Language 200.

The courses are offered online and will be coordinated through the school's virtual room. Students will work on the course during the school day. As such the course will be included in the student's regular timetable.

All course offerings are subject to enrollment.

COURSES

All course offerings are subject to sufficient enrolment in the class.



English Language Arts (ELA)

English Language Arts, at the 30 level, is an Alberta High School Diploma requirement. In order to meet this requirement, students can follow one of two course sequences. Although the content of the courses is similar, the depth of concept development, the sophistication of textual analysis, and the complexity of text creation are more rigorous in the 10-1, 20-1 and English 30-1 sequence than in the 10-2, 20-2, 30-2 sequence.

English Language Arts 10-1 (5 Credits)

Prerequisite: 65% in Grade 9 English Language Arts or 80% and teacher recommendation from ELA 10-2.

In ELA 10-1 a novel (fiction or nonfiction), a feature film, and a Shakespearean play are the extended texts studied. At this level, students are encouraged to look beyond plot and examine, identify and describe the craft behind its creation. Personal, critical, and analytical responses using narrative, informative and persuasive forms are required, as are poetry and oral, visual and multimedia presentations.

ELA 10-1 students are expected to be proficient at sentence and paragraph writing, and also be competent readers. Strong, independent work habits are an expectation.

English Language Arts 10-2 (5 Credits)

Prerequisite: 50% in Grade 9 English Language Arts.

In ELA 10-2 high interest novels (fiction or nonfiction), feature films, and modern plays are among the extended texts studied. At this level, students are encouraged to consider the personal and practical applications of the texts studied. Personal, critical and analytical responses using narrative, informative and persuasive forms are required, as are poetry and oral, visual and multimedia presentations. ELA 10-2 students are expected to have basic grammar and sentence writing proficiency. Reading is often supported in the classroom.

English Language Arts 20-1 (5 Credits)

Recommended Prerequisite: 65% in ELA 10-1 or 80% in ELA 20-2, plus teacher recommendation. Good reading and writing skills are essential.

ELA 20-1 is a challenging course for the student whose goal is to attend a post-secondary program or who has a strong interest in English Language Arts. Reading comprehension and writing skills need to be strong for the student to be successful in this course. Students in this course will be expected to study a variety of texts including a novel, Shakespearean play and a variety of essays. In response to literature and other texts students in ELA 20-1 are required to respond in a personal and critical/analytical manner using various forms of prose, poetry, script and oral/visual/ multimedia presentations.

Successful ELA 20-1 students use a variety of writing styles to convey coherent, supported thought. These students are independent readers, who do the majority of their reading outside of the class. **ELA 20-1 is essential preparation for ELA 30-1.**

English Language Arts 20-2 (5 Credits)

Recommended Prerequisite: 50% in ELA 10-2 or 45% in ELA 10-1. Good reading and writing skills are essential.

Students in this course will be expected to study a variety of texts including a novel and popular non-fiction. In response to literature students in ELA 20-2 are required to respond in a personal manner to literature and a personal and critical manner to other texts using various forms of prose, poetry, and oral/visual/ multimedia presentations. Informative and persuasive writing is emphasized along with a strong oral and visual component. This course is strongly recommended for students who have completed ELA 10-1 but may have experienced difficulty in the process.

English Language Arts 30-1 (5 Credits)

Recommended Prerequisite: 65% in ELA 20-1; transfer from ELA 30-2 NOT recommended. Students must write a Provincial Diploma Exam worth 30% of their grade to complete this course.

In ELA 30-1 a novel, a feature film or nonfiction novel, and a play (modern or Shakespearean) are the required extended texts studied, along with a variety of essays, poems and short stories. Visual and multimedia texts as well as popular nonfiction are also required study.

Intensive analytical and interpretive skills are emphasized, with refinement of formal writing skills. Literary criticism and evaluation play a vital role in ELA 30-1. **Students SHOULD NOT consider ELA 30-2 adequate preparation for ELA 30-1. Students wishing to register in ELA 30-1 should assure they have successfully completed ELA 20-1, first.**

English Language Arts 30-2 (5 Credits)

Prerequisite: 50% in ELA 20-2 or 45% in ELA 20-1. Students must write a Provincial Diploma Exam worth 30% of their grade to complete this course.

In ELA 30-2 a fiction or nonfiction novel, feature film, and a modern or Shakespearean play are the required extended texts for study. In addition, a variety of popular nonfiction pieces, poems and short stories are also required. Visual and Multimedia texts as well as essays are included in the required text study at this level. ELA 30-2 continues to build formal and informal communication skills. Emphasis is placed on both creative and practical writing tasks and personal appreciation of literature.

Although assignment work continues to be supported in the classroom, students at the 30 level are expected to exhibit independent work habits as well.

Occasionally students decide, after completing the ELA 30-2 course, that they also wish to complete the more challenging ELA 30-1 course. This placement can only happen with the permission of the school principal. Furthermore, it is recommended that students who are considering this path achieve a grade of 85% or greater on the ELA 30-2 diploma exam.





Film Studies



Film Studies 15/25/35 (5 Credits)

Students who are interested in watching films will enjoy exploring the technical and artistic aspects of filmmaking. This five-credit senior high option is for students who wish to gain an advanced understanding of filmmaking (pre-production, production, and post-production) to enhance their critical appreciation of films in various genres. They will also have an opportunity to create their own films to demonstrate various techniques learned. Instead of writing exams and essays, students will be evaluated on their engagement in class/group discussions, personal/creative/analytical responses, and various projects. Students will be given class time to view, discuss, and create (no homework).

As part of this option course, students will view, discuss, and do activities related to several interesting films from the classics to modern day (including Academy Award Winners) like the following:

Apocalypse Now, Thelma and Louise, Casablanca, It's a Wonderful Life, The Shawshank Redemption, Pulp Fiction, One Flew Over the Cuckoo's Nest, Psycho, Jaws, Fargo, Unforgiven, The Orphanage, Sweeney Todd, Titanic, The Elephant Man, What's Eating Gilbert Grape?, As Good As It Gets, Cellular, The Cove, Crash, District 9, Disturbia, The Fisher King, The Hurt Locker, Stand By Me, 300, Big Fish, Catch Me If You Can, Carrie, Children of Men, Million Dollar Baby, Precious, The Silence of the Lambs, Slumdog Millionaire, Snow Falling on the Cedars, Freedom Writers, Hotel Rwanda, Gandhi, Atonement, Babel, The Curious Case of Benjamin Button, Cold Mountain, Erin Brockovich, Finding Neverland, Gladiator, Inception, The King's Speech, Juno, Little Miss Sunshine, Rocky, Speed, Tootsie, Walk the Line, A Few Good Men, Four Weddings and a Funeral, Good Will Hunting, The Sixth Sense, Black Swan, Mystic River, Winter's

Bone, 127 Hours, Quiz Show, Witness, The Lord of the Rings trilogy, Memoirs of a Geisha, Forrest Gump.



Fine Arts

Art 10 (5 Credits)

Prerequisite: None.

This course introduces the student to all forms of art, linking modern day visual art to art history. Basic drawing, painting, and sculpture skills will be developed and then used in larger scale and fully developed projects.

Drama 10 (5 Credits)

Prerequisite: None.

This is an interactive class with a focus on improvisation. Other areas of exploration are: theatre-sports, readers' theatre, movement, and speech. This fun, but structured course, builds the basic skills of each of these disciplines.

Drama 20 (5 Credits)

Prerequisite: 50% in Drama 10.

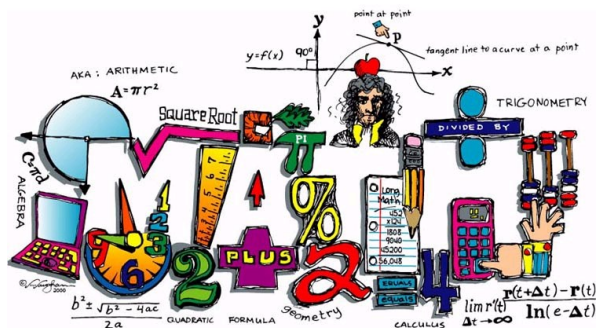
Drama 20 incorporates all the skill areas of Drama 10 and moves into the art of playwriting. Students will write a short one-act play and move through the production process. Technical theatre is also explored at this intermediate level.

Drama 30 (5 Credits)

Prerequisite: 50% in Drama 20.

Students will master all aspects of improvisational theatre, have a sound technical background, and will be creating original scripts. The directing aspect of theatre is a major focus at this level. Students will direct a full-length play and perform it in front of an audience.





Students in all Mathematics streams are required to have a calculator. For students in the “-3” stream, any scientific calculator will be appropriate. For students in the “-1” or “-2” streams, a graphing calculator is mandated by Alberta Learning – the TI83/83 Plus or TI84/84 Plus are the calculators used at Thorhild Central School.

Mathematics

Mathematics 10C (5 Credits)

Recommended Prerequisite: 65% or higher in Mathematics 9.

The content covered for this course is: SI and Imperial units of measure and conversions, trigonometric ratios and right triangles, surface area and volume of 3-D objects, polynomial expressions and factoring, irrational numbers, slope, lines and line segments, linear relations, domain, range, functions, and systems of linear equations.

Students who score 65% or higher in this course will be recommended to the “-1” stream. Students with a mark between 50% and 65% will be recommended to the “-2” stream. Students with a mark less than 50% will be recommended to the “-3” stream.

Mathematics 10-3 (5 Credits)

Recommended Prerequisite: Less than 65% in Mathematics 9.

The content covered for this course is: SI and Imperial units of measure and conversions, applications of SI and Imperial units to length, area, volume, capacity, mass, temperature, 2-D and 3-D objects, spatial reasoning, Pythagorean Theorem, manipulation and application of formulas convex polygons, trigonometric ratios, angles, parallel and perpendicular lines, currency exchange and income, and financial literacy.

Mathematics 20-1 (5 Credits)

Recommended Prerequisite: 65% or higher in Math 10C. Students who score 65% or higher in Math 20-1 may continue in the “-1” stream, students with a mark between 50 and 65% will be recommended to the “-2 stream”, and students who earn a mark less than 50% will be recommended to the “-3” stream.

The content covered for this course is: absolute value, radical, quadratic, and rational functions and equations, trigonometry of angles in standard position, sine law, cosine law, polynomial factoring, systems of equations, quadratic inequalities, reciprocal functions, and arithmetic and geometric sequences and series.

Mathematics 20-2 (5 Credits)

Recommended Prerequisite: At least 50% in Math 10C. Students who earn a mark over 50% will continue on in the “-2” stream, and students who earn a mark less than 50% will be recommended to the “-3” stream.

The content covered for this course is: absolute value, radical, quadratic, and rational functions and equations, trigonometry of angles in standard position, sine law, cosine law, polynomial factoring, systems of equations, quadratic inequalities, reciprocal functions, and arithmetic and geometric sequences and series.

Mathematics 20-3 (5 Credits)

Prerequisite: Math 10-3 or higher.

The content covered in this course is: properties of angles in triangles, sine and cosine law, normal distribution, inductive and deductive reasoning, radical expressions and equations, confidence intervals, quadratic functions, and a mathematics research project.

Mathematics 30-1 (5 Credits)

Recommended Prerequisite: 65% or higher in Math 20-1, or 50% or higher in Math 30-2. Students must write a Provincial Diploma Exam worth 30% of their grade to complete this course. The format of this exam is Multiple Choice/Numerical Response type questions.

The content covered in this course is: trigonometric functions, equations and identities, transformations of functions, exponential and logarithmic functions and equations, polynomial, radical, and rational functions, and permutations, combinations and the binomial theorem.

Mathematics 30-2 (5 Credits)

Prerequisite: At least 50% in Math 20-2. Students must write a Provincial Diploma Exam worth 30% of their grade to complete this course. The format of this exam is Multiple Choice/Numerical Response type questions.

The content covered in this course is: logical reasoning, probability including permutations and combinations, rational expressions and equations, exponential and logarithmic functions and equations, sinusoidal applications of data, and a research project.

Mathematics 30-3 (5 Credits)

Recommended Prerequisite: Math 20-3 or higher. There is no Provincial Diploma Exam required at the end of this course.

The content covered in this course is: precision, accuracy, uncertainty and tolerance, sine and cosine law, transformations of 2-D and 3-D shapes, small business profit and loss, linear relations, statistics and probability.

Mathematics 31 (5 Credits)

Prerequisite: 65% in Math 20-1.

Recommended Prerequisite: 65% in Math 30-1.

Math 31 is the most advanced high school mathematics course and is designed for students who are presently taking or have completed Math 30-1. Math 31 emphasizes the practical and theoretical aspects of differential and integral calculus.

Students do not write a Provincial Diploma Exam at the completion of this course. Math 31 is required for admission into the Faculty of Engineering, Faculty of Science (Honours and Specialization Math or Physics), and strongly recommended before entering a Faculty whose program contains an introductory Calculus course.

**Physical Education**

Three credits of Physical Education are a requirement for an Alberta High School Diploma.

At Thorhild Central School, we want all students to lead a healthy lifestyle, and Physical Education is a great way to start. You will develop the skills and attitudes necessary for physical fitness wellness. Our incredible facilities, including a new gymnasium, provide students with twenty-first century opportunities for fitness, health, and wellness. Our staff invite you to join us!

Physical Education 10 (5 Credits)

Prerequisite: None.

The course engages students in a balanced selection of

both individual and team activities. Daily active living is a theme for PE and we focus on the four main outcomes: movement activities, health benefits, interacting positively with others and personal responsibility. Students will also receive Heart Saver First Aid.

Physical Education 20 (5 Credits)

Recommended Prerequisite: Physical Education 10.

Students will be introduced to lifetime skill activities. Participants will build leadership experience and continue to explore the dimensions of Physical Education with a continued focus on the four main outcomes of PE 10.

Physical Education 30 (5 Credits)

Recommended Prerequisite: 65% in Physical Education 20.

This course may be used as a **post-secondary entrance requirement** for programs in Physical Education and Recreation. Lifetime recreational activities, fitness, and social skills will be the main focus of this course.

Personal Fitness (3-5 Credits)

Prerequisite: None

This scheduled CTS course is offered to any student wishing to develop their physical fitness goals. This course combines theory and practical application in the areas of personal health, wellness, and performance.

**Sciences**

Science courses provide students with the facts, principles, and concepts for a better understanding of their environment. Inter-relationships among science, technology and society are illustrated in all courses. Students develop logical and critical thinking skills and scientific problem solving skills.

Science 14 (5 Credits)

Prerequisite: Less than 65% in Grade 9 Science.

Science 14 is a general introductory course designed to meet the needs of students who have experienced difficulty in science and mathematics. It emphasizes the application of science to everyday life, including topics from biol-

ogy, health sciences, physical sciences, and earth sciences. Particular attention is paid to the development of learning and scientific skills. Students in this course generally go on to Science 24 to complete Diploma requirements. This course does not prepare students to consider Biology, Chemistry and/or Physics at the Grade 11 and 12 levels.

Science 24 (5 Credits)

Prerequisite: 50% in Science 14 or 45% in Science 10.

The Science 24 program consists of four units, each dealing with a different aspect of Science. In Unit A, Application of Matter and Chemical Change, students expand their understanding of matter from Science 14. Emphasis is on chemical reactions that help society meet our personal needs. Unit B, Understanding Common Energy Conversion Systems, is studied in the context of food chains, fossil fuels, and the generation and distribution of electricity. In Unit C, Disease Defense and Human Health, students investigate a variety of environmental, pathogenic and genetic factors and their effects on health. Finally, Unit D, Motion, Change and Transportation Safety, looks at the laws of conservation of momentum and how they affect the design of cars, safety regulations and practices governing transportation.

Science 10 (5 Credits)

Prerequisite: 65% in Grade 9 Science or 65% in Science 14.

Science 10 is an integrated academic course, which helps students understand and apply the fundamental concepts and skills common to Biology, Chemistry and Physics. The key scientific concepts of energy, matter, and change are emphasized.

Science 20 (5 Credits)

Recommended Prerequisite: 65% in Science 10.

Science 20 is an integrated science program aimed at the academic student who wishes to pursue a post-secondary education in an area not related to science. Science 20 consists of four units of study: Chemical Changes, Changes in Motion, The Changing Earth, and Changes in Living Systems. This course may be taken concurrently with Chemistry 20, Biology 20 and/or Physics 20.

Science 30 (5 Credits)

Recommended Prerequisite: 65% in Science 20, Biology 20, Chemistry 20, Physics 20. Students must write a Provincial Diploma Exam worth 30% of their grade to complete this course.

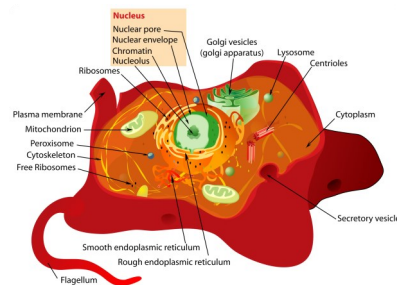
Science 30 is an integrated science program aimed at the academic student who wishes to pursue a post-secondary

education in an area not related to science. Science 30 consists of four units of study: Living Systems Respond to Their Environment, Chemistry and the Environment, Electromagnetic Energy, and Energy and the Environment. This course may be taken concurrently with Chemistry 30, Biology 30, and/or Physics 30.

Biology 20 (5 Credits)

Recommended Prerequisite: 65% in Science 10.

The key science themes in Biology 20 are the concepts of systems, equilibrium, energy, and matter. These concepts are continuously related and interconnected in the study of the biosphere, ecosystems, photosynthesis and cellular respiration, and human systems.



Biology 30 (5 Credits)

Recommended Prerequisite: 65% in Biology 20. Students must write a Provincial Diploma Exam worth 30% of their grade to complete this course.

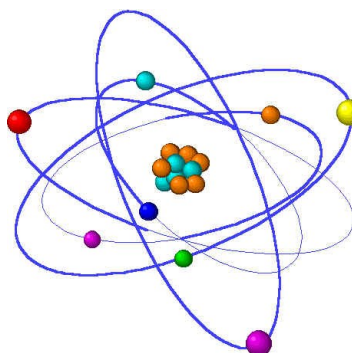
Major units of study are the nervous and endocrine systems, reproduction and development, cell division, genetics and molecular biology, and population and community dynamics. Laboratory work is included. Students must write a Provincial Diploma examination.

Chemistry 20 (5 Credits)

Recommended Prerequisite: 65% in Science 10.

Matter and chemical change are the themes common to all units of Chemistry 20. In addition, different units also integrate knowledge and skills about the nature of science, technology, and STS issues. Scientific problem-solving skills are progressively developed along with the empirical and theoretical knowledge necessary to describe and understand chemical substances and their reactions. After a review of the chemistry from

Science 10, the following topics are studied: matter and chemical bonding, gases, solutions and acids and bases, and quantitative relationships in chemical changes.



Canadian and International contexts. They will study the origins of nationalism and its influence on regional, international, and global relations. The infusion of multiple perspectives will allow students to develop understandings of nationalism and how it contributes to the citizenship and identities of peoples in Canada. Students will also participate in a Model UN activity.

Social Studies 20-2 (5 Credits)

Prerequisite: 50% in Social Studies 10-2 or 45% in Social Studies 10-1.

Students will examine historical and contemporary understandings of nationalism in Canada and the world. They will explore the origins of nationalism as well as its impacts on individuals and communities in Canada and other locations. Examples of nationalism, ultranationalism, 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 (5 Credits)

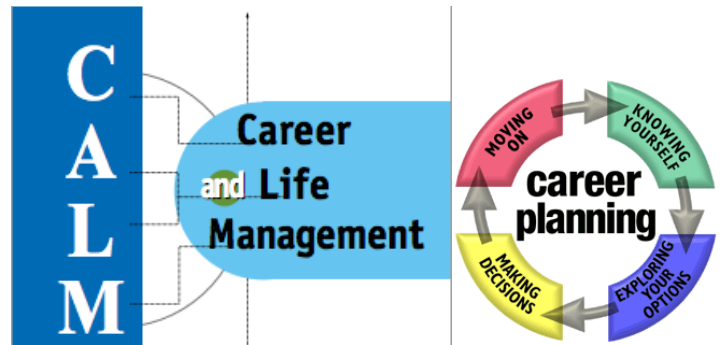
Recommended Prerequisite: 65% in Social Studies 20-1; excellent reading and writing skills are essential. Students must write a Provincial Diploma Exam worth 30% of their grade to complete this course.

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. Students must write a Provincial Diploma examination.

Social Studies 30-2 (5 Credits)

Prerequisite: 50% in Social Studies 20-2 or 45% in Social Studies 20-1. Students must write a Provincial Diploma Exam worth 30% of their grade to complete this course.

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. Students must write a Provincial Diploma examination.



Career & Life Management (CALM)

The aim of senior high school Career and Life Management (CALM) is to enable students to make well-informed, considered decisions and choices in all aspects of their lives and to develop behaviours and attitudes that contribute to the well-being and respect of self and others, now and in the future. CALM is the core course for health literacy at the senior high school level in Alberta.

CALM (3 Credits)

Prerequisite: None.

CALM is a requirement for a high school diploma.

Students explore themes of Personal and Interpersonal Challenges, Career Exploration, Financial Planning, Consumer Choices, Human Sexuality and Healthy Relationships. Learning activities promote decision-making to encourage students to reflect about present and future choices encountered in daily life. Students have two options for completing their C.A.L.M. requirements.

- The face-to-face classroom is the most ideal learning environment in CALM, especially given the extremely personal and individualized nature of the course materials. It is recommended all students who can fit CALM into their timetable in Grade 10 should take it in this manner.
- The online learning option is available for students whose timetables are full, or who are involved in extra-curricular or co-curricular activities that may require them to miss a significant amount of instruction (more than 5 days).

Prerequisites for Online CALM:

- Students must be fairly proficient at file management, reading online text, moving between online environments and downloading and uploading documents.
- Students should have access to a computer (preferably Windows based) at home. Working in an

online environment requires initiative, problem-solving skills, excellent self-discipline and time management.

- Students registered in online CALM must complete it within the semester.

Career & Technology Studies (CTS)



Computing Science (STEM)

Students explore hardware, software and processes to write or create structured algorithms and programs that input, process and output data.

Construction (Carpentry)

Students develop skills in the use of tools and materials used in construction processes. Safely transform common wood materials into useful products.

Community Care Services

Students experience volunteering and developing skills for community-based services in a variety of settings.

Cosmetology

Course Fee: \$65.00

Students learn the various skills involved in the cosmetology trade, such as haircutting, texturizing, colouring and styling.

Esthetics

Students specialize in skin care and treatments, including facials, cosmetic make-up services, hair removal, massage and nail art.

Fabrication (Welding)

Students develop skills in the use of tools and materials used in fabrication processes. Safely transform common metals into useful products.

Foods

Course Fee: \$30.00

Students examine the role of food, looking beyond consumption to production, visual appreciation, nutrition, meal planning, economics and preparation.

Recreation Leadership (Fitness)

Students develop skills useful for coaching, fitness leadership, sport performance, athletic therapy and leading recreational activities.

Off Campus



Career Internship, Green Certificate, Registered Apprenticeship Program (RAP) and Work Experience for more information regarding these programs, please visit: <http://education.alberta.ca/teachers/program/off-campus.aspx>. Students are advised to enroll in Career Internship or Work Experience prior to enrolling in the Registered Apprenticeship Program.

Career Internship (3-5 Credits)

Career Internship is designed to prepare students for entry into a trade, technology or service occupation, particularly in the areas on information technology and health-related occupations. Credits earned may be counted toward the requirements for an Alberta High School Diploma or a Certificate of High School Achievement. Successful completion requires that students spend a minimum of 25 hours per credit in the workplace and meet the standards

specified for the general and specific outcomes in the program of studies.

The program of studies for Career Internship 10 may be found on the Alberta Education Web site at <http://education.alberta.ca/media/768714/carintern.pdf>.

Green Certificate Program (Up to 16 Credits)

Prerequisite: AGR 3000 Agricultural Safety & HCS 3000 Workplace Safety Systems

By completing a series of three courses in an agricultural production specialization, a student can earn a Level 1 (Technician) Green Certificate, recognized by agribusiness in Alberta, and at the same time earn 16 credits towards the Alberta High School Diploma or the Certificate of High School Achievement.

The programs of study for Green Certificate courses may be found on the Alberta Education Web site at <http://education.alberta.ca/teachers/program/green/programs.aspx>.

Registered Apprenticeship Program (RAP)

Up to 40 Credits for 1000 Hours of Work

Prerequisite: HCS 3000 must be completed before credits are issued. May be taken for either Work Experience/RAP; it is strongly advised to be taken prior to enrolment.

RAP is a modified apprenticeship program that permits a high school student to register as an apprentice while attending high school. The RAP Program offers an enriched high school education and provides an opportunity to learn the skills industry needs. A RAP student is able to complete a high school diploma while starting a trade specific career. This is an opportunity to “earn as you learn valuable skills in one of many trades.” The student can earn 40 credits for 1000 hours of work while being paid. This opportunity is open to all grade levels, though Grades 11 and 12 are recommended. As this is a time intensive course, early planning is of great benefit. It is advised that all students with an interest in the trades complete the required career investigation paperwork upon entry



into high school to better prepare for their journey. **Further information is available from a School Administrator.**

Work Experience 15, 25, 35

**Up to 30 Credits (15 Credits Towards Your Diploma)
25 Hours/Credit**

Prerequisite: HCS 3000 Workplace Safety Systems. It is strongly advised to be taken prior to enrolment.

The Work Experience Program consists of placing students in work stations within the community. The purpose of this activity is to familiarize students with the world of work, to give them the opportunity to explore careers, and to possibly open up opportunities for either apprenticeship programs or permanent placement. Supervision and evaluation are done by both the Work Experience Coordinator and the Work Station Supervisor. Students may enter this program pre-employed (with a current job) or consult with the Work Experience Coordinator to obtain employment. This course offers an excellent opportunity to experience what a career would be like without waiting to obtain required prerequisites outside of school. Since this course is a cooperative effort between the school and community, there is an expectation for students to maintain a good work ethic and mature level of responsibility.

The program of studies for Work Experience may be found on the Alberta Education Web site at <http://education.alberta.ca/media/768730/workexp.pdf>. The minimum expectation is 75 hours (3 credits) worked per term to a maximum of 750 hours (30 credits) throughout high school.

The following conditions apply for all off-campus education:

Students can use credits from Off Campus activities to satisfy some graduation requirements. The choice of the Off Campus activity is the responsibility of the student, with parental approval. The Off Campus Coordinator is responsible for overseeing proper placement of students. This course relies heavily on independent student work. Students choosing to enroll in this course should be prepared to conduct themselves in a responsible manner and be prepared to secure employment and put in hours to earn credits. In some cases, students may be required to have certain academic subjects before placement into work sites, which recommend completion of specific courses, (i.e. to work in a Veterinary/Health Internship, students should have a background in high school science courses).

Work Experience 15, 25 and 35 (3 or 5 credits) are offered. Work Experience may be taken in the school or in the community, but the student must complete and sign a Work Agreement with the employer, his or her parents, and the school. A minimum of 75 hours is required for 3 credits and a minimum of 125 hours is required for 5 credits. Students enrolled in Work Experience are required to take the one-module HCS 3000.

General Information



GENERAL INFORMATION

Attendance & PowerSchool

Regular and punctual attendance is expected of all students and has a direct relationship to success. The school will support the efforts of parents and students in establishing positive attendance habits. Parents/guardians are requested to notify the school (780-398-3610) to report all absences.



Parent involvement in a student's education is critical to their advancement. Thorhild Central School can provide you with real-time information about your student's progress in school, including: attendance, timetables, school fees, student marks, and transcripts. PowerSchool is a web-based application providing secure access to student information. For your user name and password contact the school office. The information about your child on the site will only be made available to you and your child. There is also a mobile app for PowerSchool for Parents and PowerSchool for Students. The PowerSchool app can be downloaded from the iTunes App store and is compatible with the iPhone, iPad or iPod Touch.

Cafeteria

Thorhild Central School has a large, open area cafeteria located at the main entrance. Hot meals and snacks are available. Pricing and weekly lunch specials are available on our website (www.aspenview.org/tcs).

Communication

Check out the TCS website (www.aspenview.org/tcs) where you can find lots of great information, including a complete calendar of events for the school year. Newsletters, exam schedules, bell schedules, and much, much more are posted on our website.

Computer Technology

What We Have: Our computing foundation consists of Intel or compatible hardware running Microsoft Windows operating systems. We use a district-wide network to manage access to computers. Windows servers are located in the school to provide personal data storage accessible from any machine on our network. The Internet is widely available, and some site filtering is in place. Many classrooms are equipped with **SmartBoards** attached to computers, allowing increasing use of visual teaching aids.

Student Use – Expectations: Access to school and district computer facilities is a privilege. The facilities are to be used for curriculum related purposes only. We monitor the network, individual computers and individual students for inappropriate use. Privileges will be suspended if the acceptable use guide is broken.

Student Use – Availability: Access to computer equipment is managed by user names and passwords assigned to individual students by the school. Students will find it useful to have email accounts with public providers such as Gmail or Hotmail. Microsoft Office products are installed on all computers. **Please be aware that the software version at the school may be an older version and students must save documents from home to be compatible with software at the school.** Additional special software as appropriate to the curriculum is installed on selected machines. This wide range of hardware and software products will be utilized by students as integral components of many courses. As students have access to MSOffice applications, many teachers expect these tools to be utilized in assignments. The Library offers computers to students for use in completing assignments out of class time.

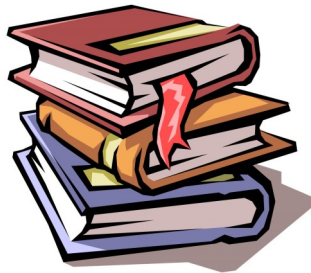
Limitations: The equipment and software in the school varies widely in vintage, power and capacity. Students may find that work prepared on recently acquired equipment at home will not always function as they may expect at school. Students should be aware of this and should take steps to ensure they understand software compatibil-

ity issues posed by the computers they have access to.

Privately Owned Laptops, Notebooks & Other Network Devices: For reasons of security, students are currently permitted to connect their own computers or other network devices to the school wireless network for Internet access only. **Students are not allowed to connect their own devices to the wired network.**

Library

The school library has a large selection of reference material and literature available, including access to the Internet for research. Laptops are available for checkout for use anywhere in the school; these notebooks must remain in the school.



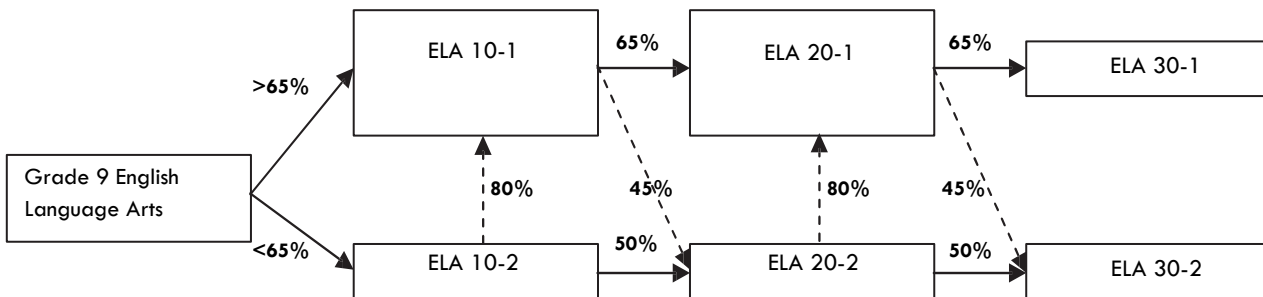
Achievement Awards

This ceremony is held each fall to honour students for individual academic and program excellence during the previous school year. Students are recognized for academic honours, highest academic achievement at each grade level, achievement in Fine Arts, Career and Technology Studies, and for excellence in specific programs. Students are also recognized and honoured for leadership, citizenship, community service, and humanitarianism. A variety of scholarships are presented including the Alexander Rutherford Scholarships, Aspen View Public School Scholarship, along with the Governor General's Medal.

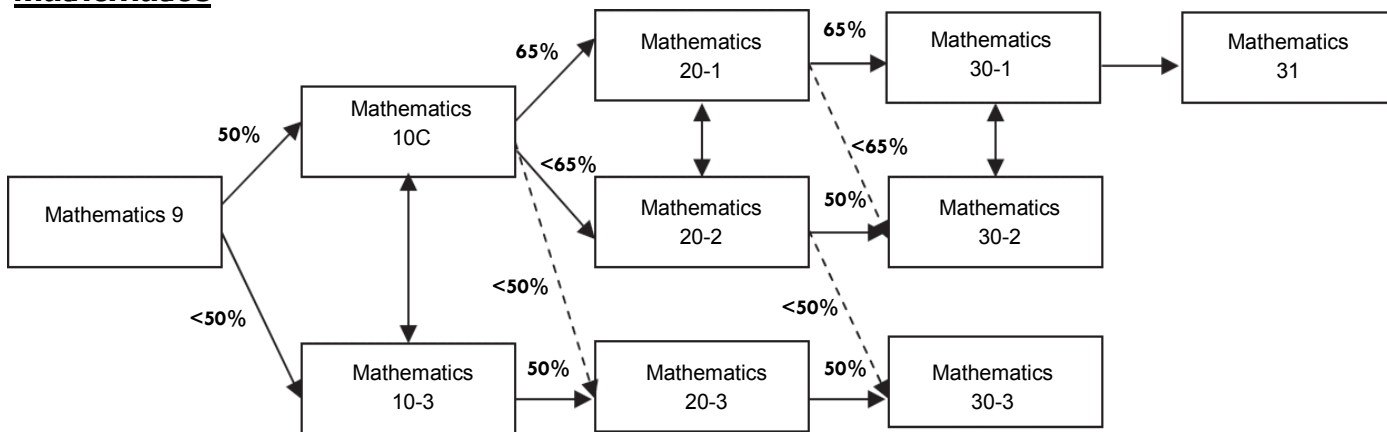


Course Sequences

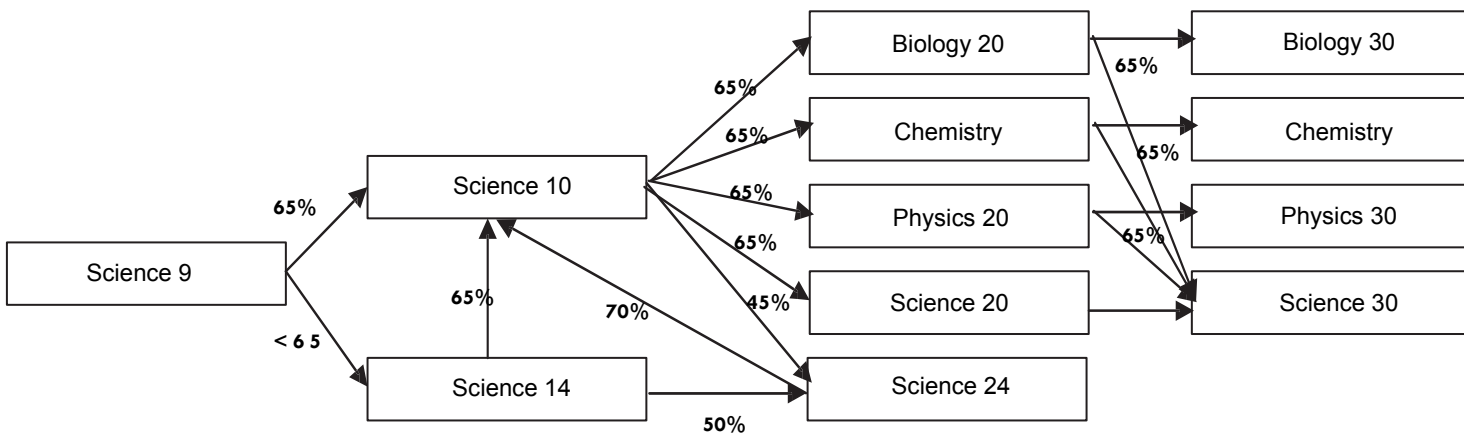
English Language Arts (ELA)



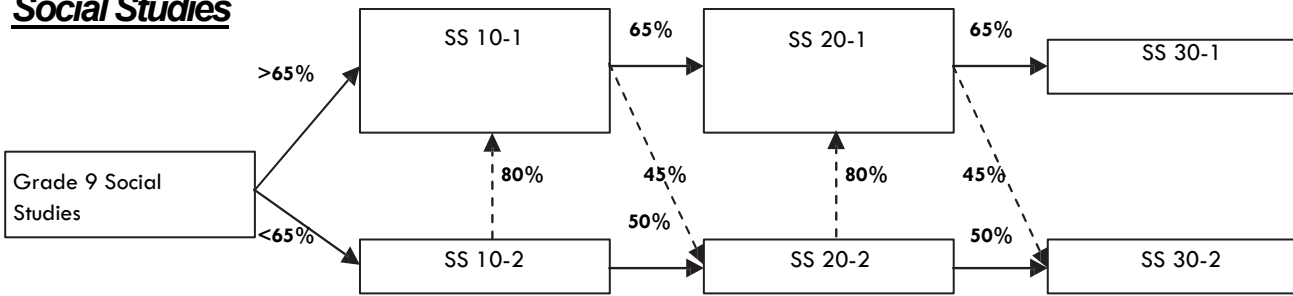
Mathematics



Science



Social Studies



Knowledge & Employability Program

