

2024-2025



REGINA PUBLIC SCHOOLS

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École Thom Collegiate

Course Catalogue

Welcome to Trojan Territory!



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A Safe and Caring Place for All to Learn!
Un lieu accueillant en sécurité pour tous à apprendre!





École Thom Collegiate is a semestered comprehensive high school encompassing grades nine through twelve in English or French Immersion. Our course offerings are complemented by a diverse extracurricular program.

We are committed to providing a learning environment in which each student can acquire feelings of self-worth and a realization of individual potential.

École Thom Collegiate is part of the Regina School Division No. 4 of Saskatchewan on Treaty 4 Territory & Homeland of the Métis.

History

Douglas J. Thom was born and educated in Ontario. He received his Bachelor of Arts degree from the University of Toronto and then studied law at Osgoode Hall. He was admitted to the Bar in 1903 and was appointed King's Counsel in 1917.

Mr. Thom was very active in the community. He served on the Regina Collegiate Board from 1913 to 1926 and was a member of the Board of Governors of Regina College from 1910 to 1934. He was president of the Civic Relief Fund and the first president of the Regina Community Chest.

Mr. Thom was the author of The Canadian Torrens System, an excellent treatise which has since become a standard text in law libraries across Canada. It was indeed fitting that in 1963 when this school opened, it was named after Mr. D. J. Thom.





The Regina Public School Board's Shared Values unite our school community around four fundamental beliefs that give direction to what we teach, both inside and outside the classroom.

*I want to know
I respect
I belong
I am responsible*

Our staff works closely with students to ensure that success and fulfillment are achievable for all. This is the strength of the *Thom Tradition*, an atmosphere that has been built over the fifty-plus years our school has been in operation.

Thom Collegiate is a truly comprehensive high school providing a wide variety of programs to service the needs of a diverse student population. The staff at École Thom Collegiate work diligently to prepare our students for the workplace or for post-secondary education. Alongside the regular academic program, student needs may be met by one of the following programs:

*Community School
French Immersion Program
Advanced Placement (AP)
Supportive Environment Program (SEP)
Learning Resource Program (LRP)
Vocational Adaptation Program (VAP)
Functional Integrated Academic Program (FIAP)*



BELL SCHEDULE:

PERIOD	TIME
Early AM Class	7:24 - 8:25
1	8:30 - 9:31
Advisory	9:35 - 9:50
2	9:54 - 10:55
3	10:59 - 12:00
Noon Class	12:00 - 1:05
4	1:09 - 2:10
5	2:14 - 3:15

CANTEEN:

Our canteen is open from 12am -1pm and serves fruits, veggies, prepackaged snacks, milk and juices. Pizza, burgers, and other hot items are brought in as well. At various times, hotdogs, tacos, and other quick hot foods are sold by school clubs as fundraising activities.

We are now selling a Canteen Cash Card for \$20 to be used exclusively at our canteen! You may purchase these cards either at the main office, at the canteen, or online through School Cash. Every time you buy an item at the canteen using the card, our staff will punch the corresponding amount off your card until you have spent \$20.

- These cards are like CASH and should be treated as such.
- The school is not responsible for lost or stolen cards.
- Any balance remaining will not be refunded.





TnT Advisory Program

What is the TnT Program?

TnT stands for TROJAN TIME. Typically these sessions are built into the daily timetable, students meet with a teacher advisor whose role is that of support and guidance. Besides offering guidance, the program fosters communication between home and school, promotes awareness of diversity and tolerance and prepares students for the life transitions they may face.

Why a TnT Program?

Research shows that students who don't feel an attachment to school staff are more likely to have poorer attendance and to drop out more than students who feel that they are part of a supportive environment. Advisory programs are known to achieve positive outcomes such as increased attendance, which correlates with improved academic successes.

How does the program work?

The TnT Program curriculum is designed to guide students through a number of key areas:

- Orientation to school life and citizenship
- Goal setting, reflection and self-assessment
- Relationships and community building
- Independent learning strategies and tools
- Career guidance and transitions
- Real world connections, social responsibility and leadership
- The pursuit of personal passions, interest and fun stuff
- Two and three way conferencing
- Journaling

What are the benefits?

The TnT Program helps:

- Students feel a sense of belonging
- Students to do their best
- Parents/guardians to feel welcome in the school
- Teachers connect with students they may not teach



Student Services:

The *Student Services Department / Guidance Team* provides assistance to both students and parents. Our three fulltime counselors actively help students with personal issues and assist students with course selections and career choices. Parents are invited to call 523-3600 for further information or check out our twitter and Instagram accounts :



Facebook: <https://www.facebook.com/ThomCollegiateGuidance/>

Instagram: <https://www.instagram.com/thomcollegiateguidance/>

Twitter: <https://twitter.com/thomtrojans?lang=en>

Enriched Courses:

Enriched courses provide a rigorous program built on the commitment, passion and hard work of students and educators. Although enriched courses move more quickly and more deeply dive into analysis, synthesis, and evaluation, they accomplish the same learning outcomes of a regular course. With many courses in a wide variety of subject areas, enriched courses provide enthusiastic and academically prepared high school students with the opportunity to take Advanced Placement (AP) courses in Grade 12 and study and learn at a post secondary level.

Advanced Placement (AP)

is an internationally and nationally recognized enrichment opportunity. AP is open to all students



and is offered in all Regina Public Schools high schools. Students that enroll in one or more AP courses study Saskatchewan Ministry of Education curriculum supplemented with post-secondary learning outcomes.



Extra-curricular Opportunities

Trojan Athletics:

At Thom Collegiate, we are very proud of our strong tradition of fielding competitive teams and demonstrating first-class sportsmanship. We are also proud of our reputation for respectfully showing school spirit.

A variety of Thom Spiritwear in assorted styles and colours is available for purchase at <https://cdsportsexchange.com/> Samples are available for viewing/sizing in the main office

- Athletic Trainers
- Badminton
- Basketball
- Cheer Team
- Cross Country Running
- Curling
- Football
- Golf
- Hockey
- Soccer
- Track and Field
- Volleyball
- Wrestling

Note: The functioning of the activities in any school year depends upon student interest and the availability of staff for supervision.

Clubs and Activities:

There are a great number of extra-curricular opportunities at Thom Collegiate. In order to enhance their high school experience, students are encouraged to get involved early.

- ACT! (Anti-Racism Club)
- Art Club
- Beading Club
- Blood Donor Clinic
- Construction Club
- Drama
- Drum Group
- Flag Football Club
- Games / Dungeons & Dragons Club
- Grad Committee
- High School Christian Fellowship D4
- Lighting Club
- Muslim Student
- Outdoor Pursuits
- Peer Support
- Photo Club
- QnA
- Robotics
- Skills Canada
- Sound Crew
- SRC
- Ultimate Frisbee
- Yearbook Club
- Yoga



We are sincerely pleased to welcome all Grade 9 students to Thom Collegiate, and we make every attempt to ensure the transition from elementary to high school goes as smoothly as possible. Grade 9 students are encouraged to focus on academic achievement and to become involved in a variety of activities.

Grade 9 students maintain a full timetable.

All students in Grade 9 take the following courses:

- English – every day all year
- Mathematics – everyday all year
- Social Studies – 1 semester
- Science – 1 semester
- Health – 1 semester
- Physical Education – 1 semester

And choose 2 of the following 3 courses:

- Core French 9
- Fine Arts 9 (Visual Art, Drama, Music)
- Practical & Applied Arts 9 (Auto, Cooking, Sewing, Construction)

Grade 9 students also have the option of participating in Choral or Band classes at noon or early AM.



Grade 9 Course Descriptions

English Language Arts 9

The K-12 aim of the Saskatchewan English language arts curricula is to help students understand and appreciate language, and to use it confidently and competently in a variety of situations for learning, communication, work, life, and personal satisfaction.

The K-12 areas of the Saskatchewan English language arts curricula are:

- ◆ Comprehend and Respond (CR): Students will extend their abilities to view, listen to, read, comprehend, and respond to a variety of contemporary and traditional grade-level appropriate texts in a variety of forms (oral, print, and other texts) from First Nations, Métis, and other cultures for a variety of purposes including for learning, interest, and enjoyment.

- ◆ Compose and Create (CC): Students will extend their abilities to speak, write, and use other forms of representation to explore and present thoughts, feelings, and experiences in a variety of forms for a variety of purposes and audiences.

- ◆ Assess and Reflect (AR): Students will extend their abilities to assess their own language skills; discuss the skills of effective viewers, listeners, readers, presenters, speakers, and writers; and set goals for future improvement.

The literature used in English Language Arts classes spans novels, plays, poetry, short stories, non-fiction texts, and informational texts.

Health and Physical Education 9

Students participate in this class all year, alternating between physical education and health/career. This is a required course.

Mathematics 9

Mathematics 9 is a 200 hour course with the emphasis on helping students to understand concepts rather than manipulate symbols. Problem solving is the central focus of the course with the intent of having meaningful, relevant, real-world problems that students are able to solve. The major topics taught are: numbers and operations, geometry and measurement, data management and algebra.

Science 9

The emphasis of this class on scientific investigation and the scientific method. This is integrated into such topics as electricity, reproduction and human development, chemical properties and changes, and exploring our universe. Class evaluation includes labs, tests and quizzes, class work and a comprehensive final exam. Science 9 is a required course.

Social Studies 9

The Grade 9 Social Studies course focuses on the many ways in which ancient cultures have influenced and contributed to the way of life in Canadian society. The students will explore two major traditions that have had a major impact on the development of Canadian identity. The first of these includes traditions that developed in the Ancient Middle East and came down to us through our European roots. The second includes the cultural traditions that developed over thousands of years in North America.



Core French 9

The Core French program uses a theme-based communicative, experimental approach to develop the four language skills: listening speaking reading and writing. The themes for the units are derived from common experiences or areas of interest. Possible themes for Grade 9 could include fashion and clothing, advertising, inventions, and self. At the end of each unit, the students complete a project that involves the communications skills and the grammatical structure.

Fine Arts 9 – Visual Art, Drama, and Music

This course is divided into thirds. Students work through the rotation over the course of the semester.

Visual Art - A survey course in drawing, painting, pottery, sculpture, cartooning & graphics.

Drama - This is an introductory course designed to provide you with an understanding and an appreciation of drama. The dramatic process will be explored keeping in mind that the personal comfort level in communication arts and performance varies greatly from student to student. Students will be evaluated on daily participation.

Music – A survey course in which students will learn about music notation, the basic elements of music and will refine their listening skills.

PAA—Practical and Applied Arts 9 (Auto, Cooking, Sewing, Construction)

This course consists of 4 rotations.

Auto- Introduction into simple vehicle repairs and maintenance. This course includes tire care and repair, fluid maintenance, and an introduction into welding. Any student planning to drive and own a car someday will benefit from this course.

Construction– Introduction to the industry of cabinet making and carpentry. The course includes shop safety and the construction of a project using hand tools, power equipment, gluing and clamping techniques, and finishing applications.

Cooking– This course is an introduction to nutrition and food preparation. Units include food safety, teen nutrition, menu planning, food preparation labs and use of equipment.

Sewing– This class serves as an introduction to sewing. Students will become familiar with equipment and terminology, learn about measurements, patterns and basic hand and machine sewing skills. A simple sewing project will be completed.



Grade 9 Course Descriptions

MUSIC OPPORTUNITIES

Band 9

This class is performance oriented. Through performance, the students will learn to value and critically respond to music of different styles, cultures and time periods. The band meets two to three times each week during noon hour to rehearse. The band performs in at least two concerts, which form part of the evaluation. Students will be tested on their ability to play the chosen pieces, to play scales and to sight-read.

Choral 9

This class is performance oriented. Through performance, the students will learn to work together as a group to achieve a musical result. They will experience music of different styles, time periods and languages. The Choir meets two to three times each week during noon hour to rehearse. The Choir performs in at least two concerts, which form part of the evaluation. Students will be tested on their ability to sing their parts in the chosen pieces and on music theory.

Jazz Band 9

Students must be registered in Noon Band to participate in Jazz Band. Like Band, Jazz Band is a year-long group performance oriented class. The class meets Wednesdays and Fridays outside of the regular timetable (ie. mornings). There are three main concerts during the year (winter, spring, and a jazz show early in second semester) plus other performance opportunities as they arise. The class will focus on the jazz idiom, with considerable time spent on swing style. Evaluation will include playing tests, participation in rehearsals and performances, self-evaluation and written assignments.

Vocal Jazz 9

Students must be registered in Noon Choral to participate in Vocal Jazz. Like Choral, Vocal Jazz is a year-long group performance oriented class. The class meets Tuesdays and Thursdays outside of the regular timetable (ie. mornings). There are three main concerts during the year (winter, spring, and a jazz show early in second semester) plus other performance opportunities as they arise. The class will focus on the jazz idiom, with considerable time spent on swing style. Evaluation will include singing tests, participation in rehearsals and performances, self-evaluation and written assignments.

Grade 9 French Immersion



Required Subjects for Students in the French Immersion Program

The French Department at Thom Collegiate offers 6 courses in French Immersion at the grade 9 level.

During grades 10-12, students must complete a minimum of 24 courses (compulsory courses and electives) to earn a high school diploma. In order to receive a bilingual mention on a high school diploma, students must successfully complete a minimum of 12 French Immersion courses.

Grade 10	Grade 11	Grade 12
Français 10	Français 20	Français 30
	Français Intégré 20A	Français Intégré 20B
English 10 (1 credit)	English 20	English 30 A and B *Please note: If you are attending a university outside of Sask., please take both English A30 & B30
Histoire 10	Histoire 20	
	Sciences Sociales Fransaskoises 20	Sciences Sociales 30
Science 10 (tronc)	a Science 20 (in English or French)	
Millieu de travail et formation d'apprentis 10 & Fondements des mathématiques et Precal 10 (recommended to take both)	Fondements de Mathématiques 20	
Mieux-Être 10 (Wellness)		



Grade 9 French Immersion

English Language Arts 9 Immersion

ELA 9 Immersion is a one credit class and is similar to the ELA 9 English course. ELA 9 Immersion is a required course.

Français 9

This course is taught over two semesters and includes the units of le conte (short stories/fairy tales), a novel study and elements of the novel, cartoons, poetry, the writing workshop, and various grammatical structures. Students are developing French language skills, including oral and written communications skills.

Éducation Physique / Hygiène 9

Similar to English Physical Education/Health Students participate in this class all year, alternating between physical education and health/career with emphasis on use of French language. *This is a required course.*

Mathématiques 9

Similar to English Mathematics with emphasis on use of French language.

Sciences Sociales 9

This course is the French equivalent of Social Studies 9. It follows along with the same curriculum as the English program. Units covered include Time and Change, Causality, Culture and Technology as evidenced in the development of various civilizations.

Sciences 9 (Tronc)

The French Immersion science course follows the same curriculum as the English program. Units covered include Saskatchewan environment (emphasis on language and vocabulary), introduction to science (equipment, scientific notation and metric conversions, lab safety), introduction to chemistry, fluids and density and electricity. Class evaluation includes labs, tests and quizzes, class work and a comprehensive final exam.



Grade 9 French Immersion

Fine Arts 9 – Music, Visual Art, Drama Students work through the rotation over the course of the semester.

Music – A survey course in which students will learn about music notation, the basic elements of music and will refine their listening skills. Students will participate in group composition and performance.

Visual Art – A survey course in drawing, painting, pottery, sculpture, cartooning and graphics.

Drama—This is an introductory course designed to provide you with an understanding and an appreciation of drama. The dramatic process will be explored keeping in mind that the personal comfort level in communication arts and performance varies greatly from student to student. Students will be evaluated on daily participation.

Practical & Applied Arts (PAA) 9 This course consists of 4 rotations.

Auto - Introduction into simple vehicle repairs and maintenance. This course includes tire care and repair, fluid maintenance, and an introduction into welding. Any student planning to drive and own a car someday will benefit from this course.

Cooking – This course is an introduction to nutrition and food preparation. Units include food safety, teen nutrition, menu planning, food preparation labs and use of equipment.

Sewing – This class serves as an introduction to sewing. Students will become familiar with equipment and terminology, learn about measurements, patterns and basic hand and machine sewing skills. A simple sewing project will be completed.

Construction – Introduction to the industry of cabinet making and carpentry. The course includes shop safety and the construction of a project using hand tools, power equipment, gluing and clamping techniques, and finishing applications.

Grade 9 French Immersion students also have the option of participating in Choral or Band classes at noon.



All Grade 10 students must register for a minimum of 10 credits.
Noon Band or Noon Choral cannot be used to satisfy this requirement.

Required/Specified Areas of Study:

English A10 or B10
 or English A11 or B11 (Modified)
 or A10 (Enriched) and B10 (Enriched)

Financial Literacy 10

Math 10 Workplace and Apprenticeship Math
 and / or Math 10: Foundations of Math and Pre Calculus
 or Math 11 (modified)

Social Studies 10 or Indigenous Studies 10 or Social Studies 11(modified)

Science 10 or Science 11 (modified) or Science 10 (Enriched)

Wellness 10

Arts Education:

It is recommended that students choose at least one credit from:

Band 10 (Noon)	Instrumental Jazz 10 (Early morning)
Choral 10 (Noon)	Visual Art 10
Drama 10	Vocal Jazz 10 (Early morning)
Guitar 10	Theatre Arts / Arts Education (PAA B10 and Arts Ed 10)
Music 10 (Rock Band)	

Practical and Applied Arts:

It is recommended that students choose at least one credit from:

Clothing, Textiles and Fashion 10
 Commercial Cooking 10
 Construction and Carpentry 10
 Information Processing 10
 Mechanical and Automotive 10
 Robotics & Automation

Additional Classes:

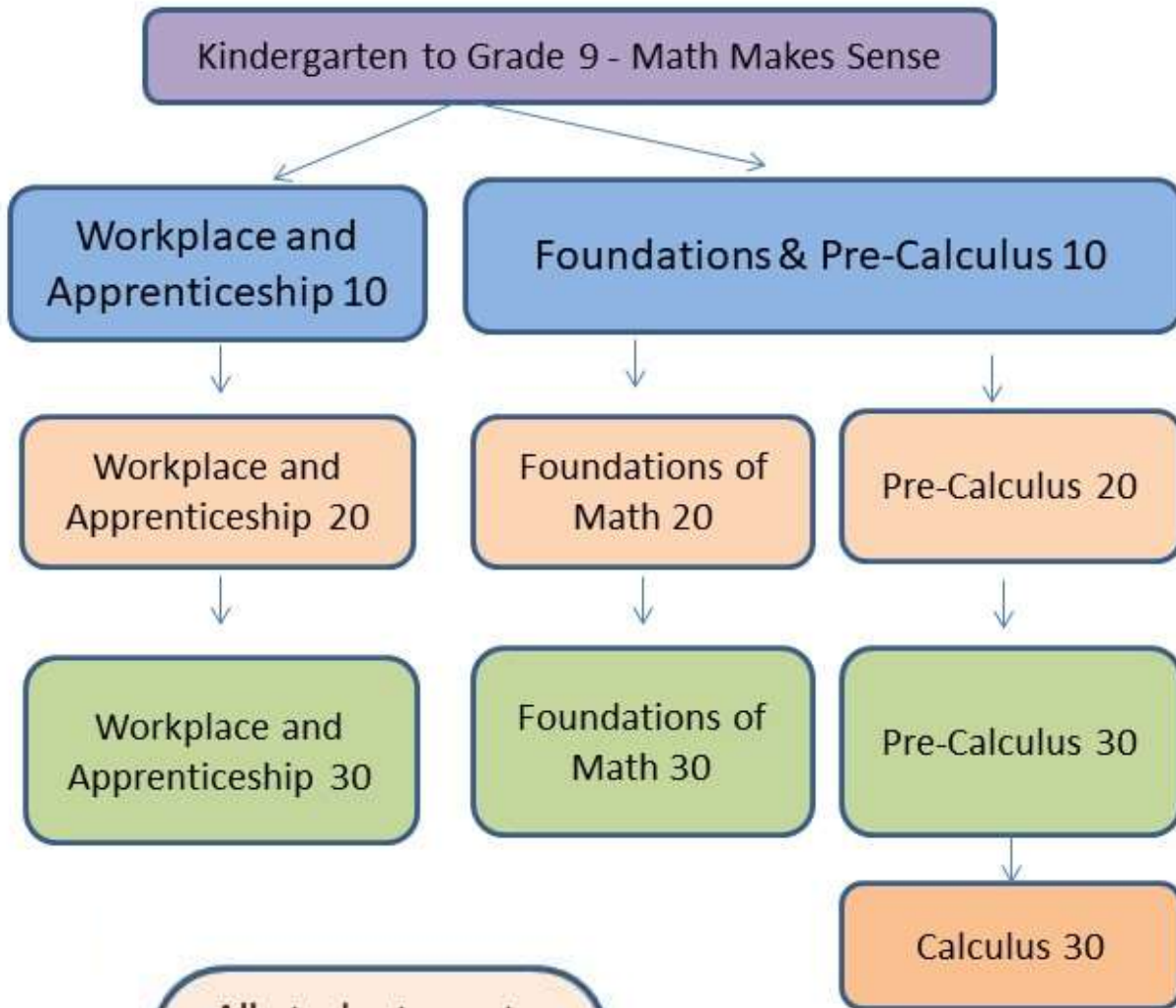
Core French 10

The student must successfully complete 8 credits, including all compulsories, in order to complete the Grade 10 program.

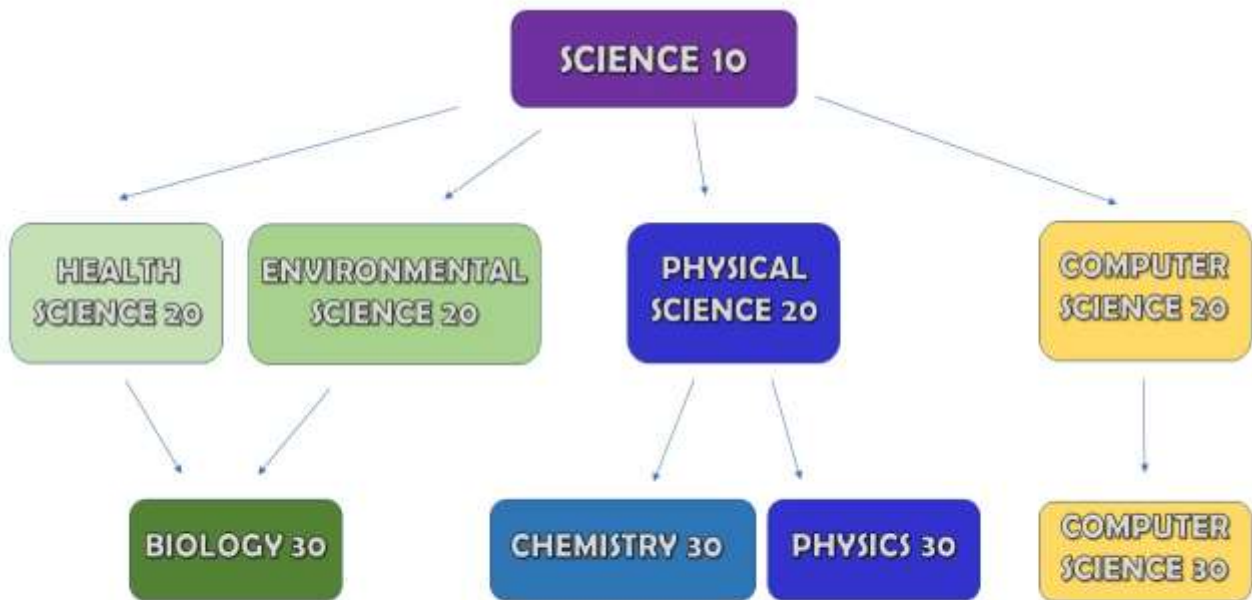
*Ministry of Education requires a minimum of 24 credits for graduation,
 at least five of which must be 30 level credits.*



MATH PATHWAYS



All students are to consult with their Math teacher and /or guidance counsellor on the appropriate pathway for them



HEALTH SCIENCE 20

Do you want to learn about your own health to be able to make informed personal and career choices? Health Science might be the right course for you.

This course will challenge you to look at the health science field from holistic and analytic perspectives to provide a basis for making sound personal health choices. You will examine the range of philosophies that guide health care and consider ethical decision within those contexts. Understanding the basic anatomy and physiology of the human body will provide a context for studying the normal and abnormal functioning of various body systems, including the role of nutrition and metabolism. You will examine diagnostic tools and procedures and how they are used to inform treatment. You will investigate the range of health science careers and post-secondary programs available in Saskatchewan.

ENVIRONMENTAL SCIENCE 20

Do you enjoy taking action and doing things to help the world around you? Environmental Science might be the place for you.

You will learn how to examine local and global environmental issues from a systems perspective while considering the effects of human actions and a growing global population on the climate and environment, as well as the effects of the environment on human health. You will explore the mechanisms and importance of aquatic and terrestrial ecosystems and the sustainability of past and current practices and technologies humans have developed to live with and within the environment.

PHYSICAL SCIENCE 20

Do you wonder how chemistry and physics help industry, agriculture, and pure science research move forward? Physical Science will allow you to investigate scientific concepts in a hands-on, lab-based manner.

This course combines chemistry and physics in an integrated manner to investigate concepts related to heating and cooling, the foundations of chemistry, including the mole and quantitative analysis of molecules and chemical reactions, and the characteristics and properties of waves. An overarching theme is the study of the enterprise of public and private science as it occurs in agriculture, industry, and universities to help you better understand various physical science related career paths. An inquiry project will guide your independent investigations of physical science phenomena.

COMPUTER SCIENCE 20

Do you wonder how devices such as laptops, cell phones, and desktops solve day to day problems? Learn how to code in Computer Science 20.

We will explore careers in Computer Science. You will learn how to develop problem-solving skills using computation thinking. Through programming in Scratch, you will develop a video game using block-based coding to create control structures and logic. Afterwards, you will move onto text-based coding and learn the fundamentals of Python.



Grade Ten—Course Descriptions

ARTS EDUCATION

ART

Visual Art 10 (1 Credit)

This course develops techniques in the areas of drawing, painting, sculpture, graphic arts and cartooning. There is also an introduction to the history of art and Saskatchewan visual artists. Creative and critical thinking skills are developed. The accumulation of marks is based on completed classroom projects. Marks are given for skill in technique and creativity of design. Students are also assessed on their understanding of art history and Saskatchewan visual artists. Marks based on attitude include qualities such as work ethic, participation, punctuality, attendance.

DRAMA

Drama 10 (1 Credit)

This is an introductory course. In this class, students will be introduced to the basics of drama, including storytelling, movement and mime, basic characterization, voice work, script work, and improvisation. No previous drama experience is required, but regular attendance is critical for success in Drama 10.

Theatre Arts / Arts Education (2 credits): This is an interdisciplinary, team-taught, performance-oriented course. Students will be involved in all aspects of a major theatrical production including acting, singing, dancing and behind the scenes work. In addition, students will be involved in group projects as well as have the opportunity to attend productions and work with local performers. There is a materials fee with this class.

MUSIC

Band 10 (1 Credit) (At Noon)

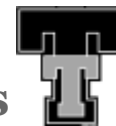
This class is performance oriented. Through performance, the students will learn to value and critically respond to music of different styles, cultures and time periods. The band meets two to three times each week during noon hour to rehearse. The band performs in at least two concerts, which form part of the evaluation. Students will be tested on their ability to play the chosen pieces, to play scales and to sight-read.

Choral 10 (1 Credit) (At Noon)

This class is performance oriented. Through performance, the students will learn to work together as a group to achieve a musical result. They will experience music of different styles, time periods and languages. The Choir meets two to three times each week during noon hour to rehearse. The Choir performs in at least two concerts, which form part of the evaluation. Students will be tested on their ability to sing their parts in the chosen pieces and on music theory.

Guitar 10 (1 Credit)

This is a non-performance oriented class for students who want to learn guitar as well as students with pre-existing skills on guitar. **The objective is to develop a student's musicianship and value of music through the medium of guitar.** The focus is on developing technique, theory, ensemble playing and listening skills. Written and playing tests are part of the evaluation.



Grade Ten—Course Descriptions

Instrumental Jazz Band 10

Students must be registered in Noon Band to participate in Jazz Band. Like band, Jazz Band is a year-long group performance oriented class. The class meets every Wednesday and Friday outside of the regular timetable (ie. mornings). There are three main concerts during the year (winter, spring, and a jazz show early in second semester) plus other performance opportunities as they arise. The class will focus on the jazz idiom, with considerable time spent on swing style. Evaluation will include playing tests, participation in rehearsals and performances, self-evaluation and written assignments.

Music 10 - Rock Band 10 (1 Credit)

Do you play Guitar, Bass, Drums, Keyboards, or Sing? Then Music10/20/30 Rock Band is the elective for you! We will be putting together 3 rock bands each semester in period 4. See Mr. Houston in room 113 for further details.

Vocal Jazz 10

Students must be registered in Noon Choral to participate in Vocal Jazz. Like Choral, Vocal Jazz is a year-long group performance oriented class. The class meets every Tuesday and Thursday outside of the regular timetable (ie. mornings). There are three main concerts during the year (winter, spring, and a jazz show early in second semester) plus other performance opportunities as they arise. The class will focus on the jazz idiom, with considerable time spent on swing style. Evaluation will include singing tests, participation in rehearsals and performances, self-evaluation and written assignments.

ENGLISH LANGUAGE ARTS

English Language Arts A10 /A11 *Prerequisite: ELA 9*

The Challenges of Life: Explaining the World through our Foundational Stories; Destiny and Challenges of Life; Human Existence; Decisions. The Mysteries of Life: The Joys of Mind, Body, and Spirit; Mysteries of the Human Brain and Imagination; Mysteries of this World and Beyond; The Fantastic

English Language Arts B10 / B11 (1 Credit) *Prerequisite: ELA 9*

Equity and Ethics: Who and What is Right? Empowerment; Degrees of Responsibility; Rights and Responsibilities; Justice and Fairness The World Around and Within Us: Perspectives; Diversity of Being; The Natural and the Constructed Worlds; Individuals and Communities; Stewardship

MATHEMATICS

Foundations and Pre-Calculus 10 (1 Credit) *Prerequisite: Math 9*

This pathway is designed to provide students with mathematical understanding and critical thinking skills identified for entry into post-secondary programs. Topics include measurement, algebra (relations and functions, trig ratios, irrational numbers, rational exponents, factoring, polynomials, slope of lines, systems of linear equations), relating data and graphs.

Mathematics 11 (1 Credit) (Modified)

Math 11 is a modified course designed for students who struggle with math. Students should receive a recommendation from their math teacher in order to register for Math 11. This course includes many of the same topics as Math 10 but in less depth. Students who successfully complete Math 11 may proceed to Math 21 or Math 10.



Grade Ten—Course Descriptions

Workplace and Apprenticeship 10 (1 Credit) *Prerequisite: Math 9*

This pathway is designed to provide students with the mathematical understanding and critical thinking skills identified for entry into the majority of trades and for direct entry into the work force. Topics include algebra, geometry, measurement, number, methods of income earning.

PRACTICAL AND APPLIED ARTS

Clothing, Textiles & Fashion 10 (1 Credit)

Clothing, Textiles, and Fashion 10/30 are designed to create awareness of the role of clothing, textiles, and fashion in our daily lives. Students will have the opportunity for achievement and success through a combination of theory and practical experiences at school.

Commercial Cooking 10 (1 Credit)

This is an introductory course into the area of commercial food preparation. Students look at the industry and will cover the topics of the pantry, rice and pasta, soups and stocks, vegetables and fruits, and the bakery. Students will have the opportunity to learn theory and participate in labs.

Construction & Carpentry 10 (1 Credit)

This course involves a complete overview of wood hand tools and various wood species used in this course. Also addressed is the safe and proper use of both stationary and portable power tools. The study and construction of wood joinery, laminating and the basics of cabinet making/furniture design form this class content.

Information Processing 10 (1 Credit)

The aim of Information Processing is to provide basic skills to process information in four broad areas: keyboarding, computer applications, communications and management of information. Emphasis is placed on the effective use of word processing and spreadsheets. The students will also cover basic Communication Production Technology basics, which will help develop knowledge, skills, and abilities in audio, video, and multimedia production technologies. Students will also learn some basic programming.

Mechanical & Automotive 10 (1 Credit)

This class looks at safety and hand tool processes, rebuilding a small engine, vehicle maintenance/operation, brake systems and general safety measures related to all work endeavors. Practical projects and written assignments account for 40% of the mark, an exam for 30%, and 30% is allotted to attitude, attendance and clean up.

Robotics & Automation 30 (1 Credit)

Students will be designing, building and manufacturing a fully functional and working robot. You will be provided with all the tools and components for your design so you can create from the ground up. This is a one semester class during the school day.

SOCIAL SCIENCES

Indigenous Studies 10 (1 Credit) *Social Studies 10 or Indigenous Studies 10 is required for graduation.*

This course examines the societal structures and practices of Aboriginal peoples in Saskatchewan and Canada through time. Units studied include the traditional and contemporary aspects of family life, political life, economic life, educational life and social life.



Grade Ten—Course Descriptions

Social Studies 10 (1 Credit)

The course is designed to help students understand the basic organizations industrialized democratic societies in the world. The units for study include: political decision-making with an emphasis on the role of the social contract, ideology, economic decision-making and international relations. Course material will be drawn from Canadian society as well as European history from the late eighteenth and nineteenth centuries.

Social Studies 11 (1 Credit) (Modified)

This class is a modified course designed for students who struggle with social. Students should receive a recommendation from their social teacher or the guidance office in order to register for Social Studies 11. This course will include many of the same topics as Social Studies 10 but in less depth. *Students who successfully complete Social 11 may proceed to Social Studies 21 or Social Studies 10.*

SCIENCE

Science 10 (1 Credit)

This course addresses three major themes: Climate and Ecosystem Dynamics, Chemical Reactions and Force and Motion in Our World. In the first theme, students examine factors that influence **Earth's climate and ecosystems, the role of feedback mechanisms within those systems and the interdependence between climate and ecosystems.** Chemical Reactions builds on student understanding of atoms and elements by examining the ways in which chemicals react to form new substances and how to represent chemical reactions using models, words and equations. The third theme enables students to collect and analyze data from a variety of moving objects and to examine the role of force in causing changes to the motion of an object.

Science 11 (1 Credit) (Modified)

This class is a modified course designed for students who struggle with science. Students should receive a recommendation from their science teacher or the guidance office in order to register for Science 11. This course will include many of the same topics as Science 10 but in less depth. *Students who successfully complete Science 11 may proceed to Science 21 or Science 10.*

ADDITIONAL CLASSES

Core French 10 (1 Credit)

This course uses a theme based, communicative, experiential approach to develop the four language skills: listening, speaking, reading and writing. The themes for the units are derived from common experiences or areas of interest. Possible themes for Grade 10 could include health and fitness, relationships and school. At the end of each unit, the students complete a project that involves the communication skills and the grammar learned throughout the unit.

Wellness 10 (1 Credit)

This class combines theory and information related to taking care of one's health with movements of physical activities and fitness. Activities include rugby, handball, fitness, broomball, dance, badminton, soft lacrosse, weight training and a games unit. Wellness topics include and AIDS unit, community sports volunteering and lifestyle information. Attendance in this class is worth 40% of the mark. There is also a physical assessment worth 30%, and exams and assignments are worth another 30%.



Grade Ten French Immersion

Required Subjects for Students in the French Immersion Program

The French Department at Thom Collegiate offers 6 courses in French Immersion at the grade 9 level: Français 9A, Français 9B, Sciences Humaines, Mathématiques, Science (tronc), and Mieux-Être 10.

During grades 10-12, students must complete a minimum of 24 courses (compulsory courses and electives) to earn a high school diploma. In order to receive a bilingual mention on a high school diploma, students must successfully complete a minimum of 12 French Immersion courses. The French Department at Thom Collegiate offers 6 courses in grade 10, 4 courses in grade 11 and 3 courses in grade 12.

Grade 10	Grade 11	Grade 12
Français 10	Français 20	Français 30
	Français Intégré 20A	Français Intégré 20B
English 10 (1 credit)	English 20	English 30 A and B *Please note: If you are attending a university outside of Sask., please take both English A30 & B30
Histoire 10	Histoire 20	
	Sciences Sociales Fransaskoises 20	Sciences Sociales 30
Sciences 10 (tronc)	a Science 20 (in English)	
Millieu de travail et formation d'apprentis 10 & Fondements des mathématiques et Precal 10 (recommended to take both)	Fondements de Mathématiques 20	
Mieux-Être 10 (Wellness)		
Littératie financière 10		



Français 10 (1 Credit)

This course explores a variety of units including the newspaper, short stories, songs and poetry. Along with the study of a wide range of texts, written and spoken, literary and non-literary links to these units, a systematic presentation, development and review of appropriate grammatical structures and vocabulary, form an integral part of this course. It is an expectation that students speak in French in the classroom.

Histoire 10 (1 Credit)

This course focuses on the Middle Ages and the Renaissance, the Scientific Revolution, the French Revolution, Napoleon and the Industrial Revolution.

Mathématiques 10 (Grade 10 students are expected to take both pathways)

Milieu de travail et formation **d'apprentis** 10

This pathway is designed to provide students with the mathematical understanding and critical thinking skills identified for entry into the majority of trades and for direct entry into the work force. Topics include measurement, ratio and proportion, unit conversions, methods of income earning as well as some geometry and trigonometry.

Fondements des mathématiques et Pré-Calcul 10

This pathway is designed to provide students with mathematical understanding and critical thinking skills identified for entry into post-secondary programs. Topics include measurement, algebra, relations and functions, trig ratios, irrational numbers, rational exponents, factoring, polynomials, slope of lines, systems of linear equations, relating data and graphs.

Mieux-être 10 (1 Credit)

This course includes units on volleyball, weight lifting and healthy living, field hockey, lacrosse, social dance, wellness and sexual health, relaxation, badminton and shinny. Participation accounts for 40% of the mark, and theory and fitness testing 30% each

Sciences 10 (Tronc) (1 Credit)

This class explores the different areas of science. Units include chemistry, motion, sustainability and weather. Class evaluation includes labs, tests and quizzes, class work and a comprehensive final exam.



Grade Eleven—Course Syllabus

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All Grade 11 students must register for a *minimum of 9 credits*.

Required/Specified Areas of Study:

English 20 or English 21 (modified) or English 20 and English Lit and Comp 20 (Enriched)

Choose *at least ONE* of the following Sciences

Health Science 20 or Health Science 21 (modified)

Environmental Science 20

Physical Science 20

Computer Science 20

*Ministry of Education requires a minimum of
24 credits for graduation,
at least five of which must be 30 level credits.*

Math: (choose at least one)

Workplace & Apprenticeship 20

Foundations 20

Pre-Calculus 20

Mathematics 21 (Modified)

Social Sciences: (choose at least one)

Social Studies 20 or Social Studies 21 (modified)

Indigenous Studies 20

Psychology 20

Practical and Applied Arts:

Clothing, Textiles and Fashion 20

Commercial Cooking 20

Construction and Carpentry 20

Financial Lit 20

Graphic Arts 20

Information Processing 20

Life Transitions 20

Mechanics and Automotive 20

Robotics & Automation 20

Arts Education:

Band 20 (Noon)

Choral 20 (Noon)

Drama 20

Instrumental Jazz 20 (Early morning)

Music 20 Rock Band

Visual Art 20

Visual Art 20 (Enriched)

Vocal Jazz 20 (Early morning)

Theatre Arts / Arts Education 20 (2 credits)

Additional Classes:

Core French 20

Guitar 20

Instructional Phys Ed 20

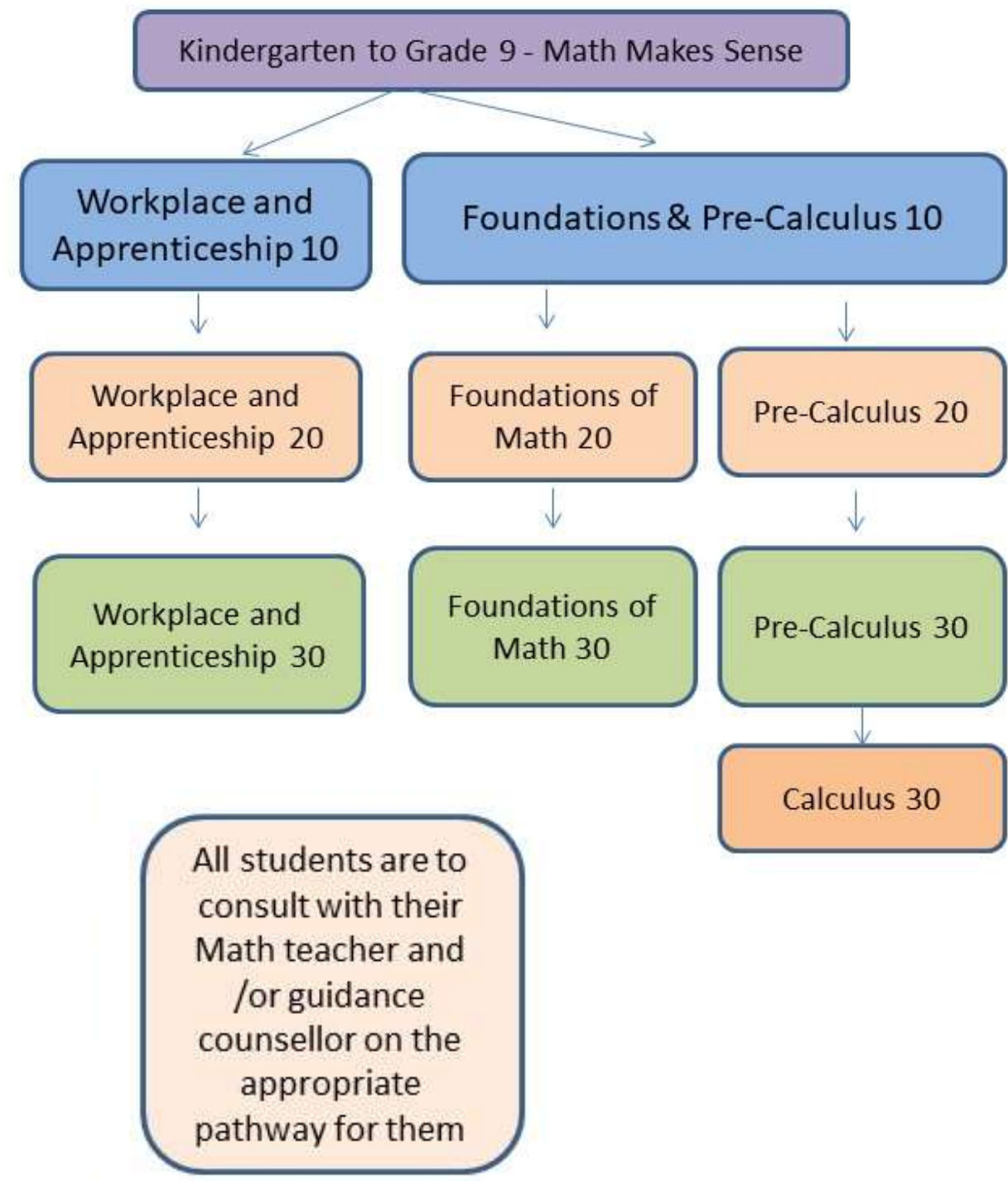
Personal Fitness 20L

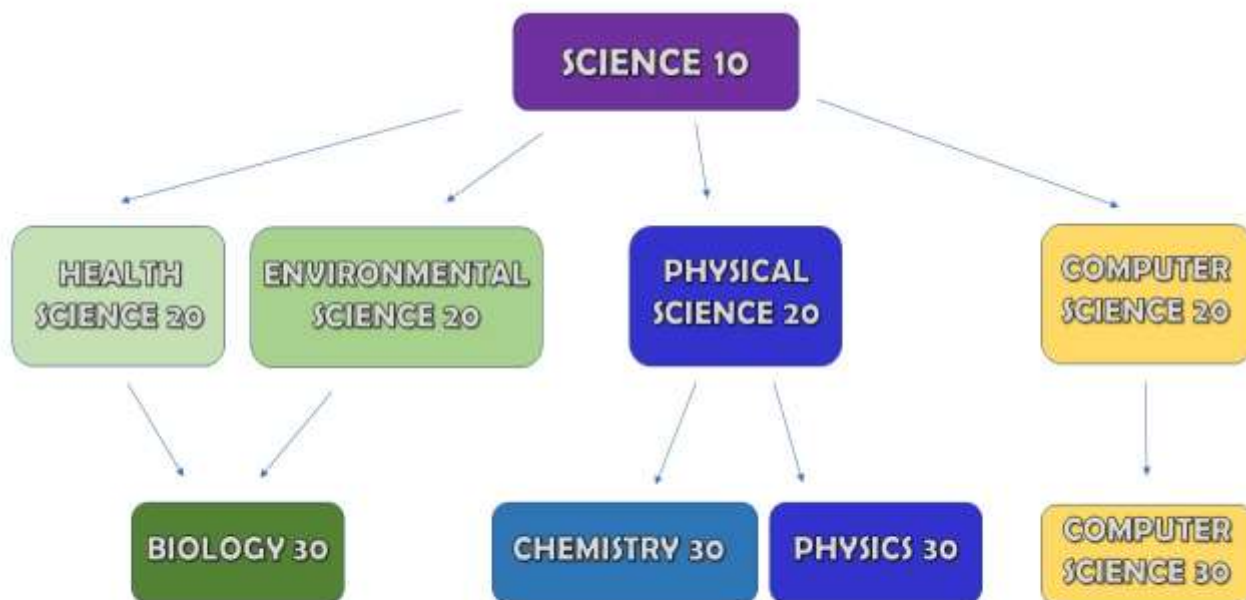
Studio Art 20 (Clay)

Other Programs:

Trades & Skills Carpentry Apprenticeship (TASCAP)

Campus Regina Public (CRP)





HEALTH SCIENCE 20

Do you want to learn about your own health to be able to make informed personal and career choices? Health Science might be the right course for you.

This course will challenge you to look at the health science field from holistic and analytic perspectives to provide a basis for making sound personal health choices. You will examine the range of philosophies that guide health care and consider ethical decision within those contexts. Understanding the basic anatomy and physiology of the human body will provide a context for studying the normal and abnormal functioning of various body systems, including the role of nutrition and metabolism. You will examine diagnostic tools and procedures and how they are used to inform treatment. You will investigate the range of health science careers and post-secondary programs available in Saskatchewan.

ENVIRONMENTAL SCIENCE 20

Do you enjoy taking action and doing things to help the world around you? Environmental Science might be the place for you.

You will learn how to examine local and global environmental issues from a systems perspective while considering the effects of human actions and a growing global population on the climate and environment, as well as the effects of the environment on human health. You will explore the mechanisms and importance of aquatic and terrestrial ecosystems and the sustainability of past and current practices and technologies humans have developed to live with and within the environment.

PHYSICAL SCIENCE 20

Do you wonder how chemistry and physics help industry, agriculture, and pure science research move forward? Physical Science will allow you to investigate scientific concepts in a hands-on, lab-based manner.

This course combines chemistry and physics in an integrated manner to investigate concepts related to heating and cooling, the foundations of chemistry, including the mole and quantitative analysis of molecules and chemical reactions, and the characteristics and properties of waves. An overarching theme is the study of the enterprise of public and private science as it occurs in agriculture, industry, and universities to help you better understand various physical science related career paths. An inquiry project will guide your independent investigations of physical science phenomena.

COMPUTER SCIENCE 20

Do you wonder how devices such as laptops, cell phones, and desktops solve day to day problems? Learn how to code in Computer Science 20.

We will explore careers in Computer Science. You will learn how to develop problem-solving skills using computation thinking. Through programming in Scratch, you will develop a video game using block-based coding to create control structures and logic. Afterwards, you will move onto text-based coding and learn the fundamentals of Python.



ARTS EDUCATION

ART

Studio Art 20 Clay (1 Credit)

This class delves into 3-dimensional art forms. Over the course of the semester the students will study sculptural terms, basic clay techniques, and work on clay sculpture construction. Students explore ideas, experiences, and cultural identities while learning about processes and media. There is opportunity to experience art both as an artist and viewer, as we examine contemporary and historical artists. Students are assessed on their ability to work independently to develop, start and complete self-directed projects. Qualities such as work ethic, participation, punctuality and attendance are essential for success. This class does not require a prerequisite.

Visual Art 20 (1 Credit)

This course furthers the study and development of techniques in the areas of drawing, painting and design. Creative and critical thinking skills are developed and there is also an introduction to printmaking and collage. There is also a study of the Principles of Design and an introduction to art history including Canadian visual artists. The accumulation of marks is based on completed classroom projects. Marks are given for skill in technique and creativity of design. Students are also assessed on their ability to work independently to develop, start and complete self-directed projects. Qualities such as work ethic, participation, punctuality and attendance are essential for success.

MUSIC

Band 20 (1 Credit) (At Noon)

This class is performance oriented. Through performance, the students will learn to value and critically respond to music of different styles, cultures and time periods. The band meets two to three times each week during noon hour to rehearse. The band performs in at least two concerts, which form part of the evaluation. Students will be tested on their ability to play the chosen pieces, to play scales and to sight-read.

Choral 20 (1 Credit) (At Noon)

This class is performance oriented. Through performance, the students will learn to work together as a group to achieve a musical result. They will experience music of different styles, time periods and languages. The Choir meets two to three times each week during noon hour to rehearse. The Choir performs in at least two concerts, which form part of the evaluation. Students will be tested on their ability to sing their parts in the chosen pieces and on music theory.

Guitar 20 (1 Credit) *Prerequisite: Permission of the instructor*

This class is part of a series of classes that is a continuation of Guitar 10, with more demands on the students technically and theoretically as they become more advanced on guitar. Evaluation incorporates a variety of components including written tests, playing tests and sight-reading.

Instrumental Jazz 20

Students must be registered in Noon Band to participate in Jazz Band. Like Band, Jazz Band is a year-long group performance oriented class. The class meets every Wednesday and Friday outside of the regular timetable (ie. mornings). There are three main concerts during the year (winter, spring, and a jazz show early in second semester) plus other performance opportunities as they arise. The class will focus on the jazz idiom, with considerable time spent on swing style. Evaluation will include playing tests, participation in rehearsals and performances, self-evaluation and written assignments.



Grade Eleven—Course Descriptions

Music 20 - Rock Band 10 (1 Credit)

Do you play Guitar, Bass, Drums, Keyboards, or Sing? Then Music 10/20/30 Rock Band is the elective for you! We will be putting together 3 rock bands each semester in period 4. See Mr. Houston in room 113 for further details.

Vocal Jazz 20

Students must be registered in Noon Choral to participate in Vocal Jazz. Like Choral, Vocal Jazz is a year-long group performance oriented class. The class meets every Tuesday and Thursday outside of the regular timetable (ie. mornings). There are three main concerts during the year (winter, spring, and a jazz show early in second semester) plus other performance opportunities as they arise. The class will focus on the jazz idiom, with considerable time spent on swing style. Evaluation will include singing tests, participation in rehearsals and performances, self-evaluation and written assignments.

DRAMA

Drama 20 (1 Credit)

This course involves four main areas of study: acting, improvisation, characterization and script work. A relevant social issue, using various drama strategies and focusing on commitment, concentration and believability, will be explored. There is also a development of skills and abilities in spontaneous improvisation and the portrayal of characters. Script work includes analysis, blocking, rehearsal and performance. In-class participation accounts for 35% of the mark, while presentations make up 30% and written work 25%. The final 10% is based on a self-evaluation.

Theatre Arts / Arts Education (2 Credits):

This is an interdisciplinary, team-taught, performance-oriented course. Students will be involved in all aspects of a major theatrical production including acting, singing, dancing and behind the scenes work. In addition, students will be involved in group projects as well as have the opportunity to attend productions and work with local performers. There is a materials fee with this class.

ENGLISH LANGUAGE ARTS

English Language Arts 20 *Prerequisite: ELA A10 and B10*

Starting Out – Beginning and Becoming; The Past and the Present; Triumphs and Trials; Discovery and Disillusionment; Relationships with Family and Others; Celebrations and Rites of Passage Moving Forward – Establishing and Realizing; Turning Points and Transitions; Evolving Roles and Responsibilities; Opportunities and Obstacles; Risks and Rewards; Beliefs and Goals

English Literature & Composition 20L Enriched *Prerequisite: ELA A10 and ELA B10* *elective

English Literature and Composition 20L is designed to support students seeking enriched programming and to support students in preparing for the Advanced Placement English Literature and Composition exam. This course is intended to be offered as a supplement to the Saskatchewan Ministry of Education English Language Arts program

English Language Arts 20 (1 Credit) *Prerequisite: English Language Arts A10 and B10*

English Language Arts 20 is an integrated course, stressing reading, writing, speaking, listening, viewing, and representing. The English 20 course examines two themes: Recollections and Anticipation. Each theme draws on a variety of literary selections: novels, short stories, poetry, nonfictions and drama. A variety of language activities will continue the development of reading comprehension and vocabulary. Writing activities might involve the formal essay, the familiar essay, creative writing, and reader response journals. Students will also practice speaking and listening skills. *English Language Arts 20 is a required course for graduation.*



Grade Eleven—Course Descriptions

MATHEMATICS

Foundations of Mathematics 20 (1 Credit)

Prerequisite: Foundations of Mathematics and Pre-Calculus 10

This pathway is designed to provide students with mathematical understanding and critical thinking skills identified for entry into post-secondary programs. Topics include: Rate applications, scale diagrams, scale factors, perimeter area and volume, properties of angles and triangles, sine law and cosine law, inductive and deductive reasoning, normal distribution, systems of linear inequalities and quadratic functions.

Mathematics 21 (1 Credit) *Prerequisite: Mathematics 11*

Math 21 is a modified course designed for students who struggle with math. Students should receive a recommendation from their math teacher in order to register for Math 21. This course includes many of the same topics as Math 20 but in less depth.

Pre-Calculus 20 (1 Credit) *Prerequisite: Foundations of Mathematics & Pre-Calculus 10*

This pathway is designed to provide students with mathematical understanding and critical thinking skills identified for entry into post-secondary programs (science and math related areas). Topics include: Absolute value of real numbers, operations on radicals, rational expressions, angles in standard position, trigonometric ratios of angles, sine law and cosine law, factoring, absolute value functions, quadratic functions and equations, systems of linear functions, linear and quadratic inequalities, arithmetic and geometric sequence and series and reciprocal functions.

Workplace and Apprenticeship Mathematics 20 (1 Credit)

Prerequisite: Workplace and Appr Math 10

This pathway is designed to provide students with mathematical understanding and critical thinking skills identified for entry into the work-force. Topics include: Problem solving involving metric and imperial measurements, scale drawings, models and views of 3-D objects, numerical reasoning, personal budgeting, compound interest, financial institution services, formula manipulation, slope, proportional reasoning and unit analysis and creating and interpreting data.

PRACTICAL & APPLIED ARTS

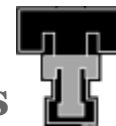
Clothing, Textiles & Fashion 20 (1 Credit)

Clothing, Textiles, and Fashion 20 is designed to create awareness of the role of clothing, textiles, and fashion in our daily lives. Students will have the opportunity for achievement and success through a combination of theory and practical experiences at school. There is no prerequisite for this class.

Commercial Cooking 20 (1 Credit)

This class will review basic measuring skills, and Food Safety. The topics of basic baking skills, cooking with grains, fruits and vegetables, milk and milk products and eggs will be covered in detail. Yeast products and Pastries may be covered given time and interest. The material will be covered using assignments, lecture, projects and hands-on work in the kitchens.

Grade Eleven—Course Descriptions



Computer Information Processing 20 (1 Credit)

The focus of this course is on business applications, including data bases, presentation software, business simulations and advanced keyboarding skills. Skills for entry-level employees will be emphasized. Evaluation is based on major exams worth 40% and a cumulative evaluation based on skill assessment, assignments, projects, quizzes, participation and attitude.

Construction & Carpentry 20 (1 Credit)

This course is largely activity based, and looks at practical furniture construction and design. Practical furniture projects will be built using advanced joinery techniques. Residential construction will be discussed and framing will be the focus of this unit. Tool safety and function will be discussed in conjunction with the projects built during this class.

Graphic Arts 20 (1 Credit)

Discover a potential career or lifelong hobby in Graphic Design. We focus on traditional and contemporary art making techniques including digital photography, silk screening t-shirts, digital imaging and image manipulation. We are using cutting edge equipment, software and techniques in a fun, project-oriented environment to develop visual communication and technical art making skills. *There is a materials fee to take this course.*

Life Transitions 20 (1 Credit)

This course focuses on preparing students for life after high school. A variety of topics will be addressed including self-evaluation, job interviews, choosing a career, relationships, human sexuality, leaving home and consumerism (money management). Evaluation is cumulative.

Mechanical & Automotive 20 (1 Credit)

This class focuses on engine overhaul, engine systems – electrical, welding and also includes an introduction to tune-ups. Practical projects and assignments account for 40% of the mark, a written and practical exam for 30%, and 30% is allotted to attitude and attendance and clean up.

Robotics & Automation 20 (1 Credit)

This course allows students to explore wearable technologies, automation, mobile robotics and animatronics as well as traditional robotic devices. Ubiquitous computing and automation are occurring in tandem. Self-operating machines are permeating every dimension of society, so that humans find themselves interacting more frequently with robotic devices than ever before—often without even realizing it.

SCIENCE

Computer Science 20 (1 Credit)

In Computer Science 20, students will study programming fundamentals, the effects of computers on society, career exploration, and problem-solving to troubleshoot programs. Programming tools include Scratch and Reeborg and students will study the Python programming language. Students will conduct their personal inquiry by way of a coding project or research for their Final Project.

Environmental Science 20/21 (1 Credit) *Prerequisite: Science 10*

Students will learn how to examine local and global environmental issues from a systems perspective while considering the effects of human actions and a growing global population on the climate and environment, as well as the effects of the environment on human health. They will explore the mechanisms and importance of aquatic and terrestrial ecosystems and the sustainability of past and current practices and technologies humans have developed to live with and within the environment.



Grade Eleven—Course Descriptions

Health Science 20/21 (1 Credit) *Prerequisite: Science 10*

This course will challenge students to look at the health science field from holistic and analytic perspectives to provide a basis for making sound personal health choices. Students will examine the range of philosophies that guide health care and consider ethical decision within those contexts. Understanding the basic anatomy and physiology of the human body will provide a context for studying the normal and abnormal functioning of various body systems, including the role of nutrition and metabolism. Lastly, students will examine diagnostic tools and procedures and how they are used to inform treatment. Students will also investigate the range of health science careers and post-secondary programs available in Saskatchewan.

Physical Science 20 (1 Credit) *Prerequisite: Science 10*

This class combines chemistry and physics to investigate the foundations of chemistry including the generation of compounds through formula and nomenclature; development of the mole concept, balancing equations and stoichiometric relationships between reactants and products; heating and cooling through the use of the kinetic molecular theory, calorimetry and Hess' Law; the characteristics and properties of waves, light, mirrors, lenses and refraction; and the complex and intricate mathematics involved in these areas. Student inquiry will guide independent research to help students better understand various physical science related career paths. The skills acquired in Physical Science 20 are applied to new content in Chemistry and Physics 30.

Science 21 (1 Credit) Alternate Program *Prerequisite: Science 10 or Science 11*

This course is a modified course designed for students who struggle with science. Students who have successfully completed Science 11 or have received a recommendation from their science teacher or the guidance office could register for Science 21. This course will include topics from Environmental Science 20, Health Science 20, and Physical Science 20. Students who successfully complete Science 21 have completed the science requirement for graduation. This course may not fulfill entrance requirements for post secondary institutions.

SOCIAL SCIENCE

Indigenous Studies 20 (1 Credit) *Prerequisite: Social Studies 10 or Indigenous Studies 10*

This course examines historical and contemporary issues in concepts common to Canadian and international Indigenous peoples. The units for study include: self-determination and self-government, development, and social justice.

Psychology 20 (1 Credit) *Prerequisite: Social Studies 10 or Indigenous Studies 10*

This course is a study of social psychology. It provides a general introduction to the field of psychology and a study of how people's mental processes and behaviour are influenced by the power of situation and their own subjective construction of reality. Topics in this course include learning, motivation, emotion and behaviour.

Social Studies 20/21 (1 Credit) *Prerequisite: Social Studies 10 or Indigenous Studies 10*

The goal of Social Studies 20 is to help students understand the major issues facing humanity at the end of the twentieth century. This course examines issues relating to human rights, population growth and challenges, wealth creation, environmental change, and world governance. This course teaches students to view issues from multiple perspectives and learn how to use creative problem solving.

Grade Eleven—Course Descriptions



OTHER CLASSES:

Core French 20 (1 Credit) *Prerequisite: Core French 10*

French 20 balances oral and written French equally and is based on a thematic communicative/experiential approach. This course enables students to practice spoken French in communicative situations and puts more emphasis on creating and sustaining conversations with peers. Throughout the semester students will be introduced to new verb tenses and will expand on their previous vocabulary and grammar skills.

Leadership 20L (1 Credit)

Leadership 20 is designed to provide background understandings, knowledge, and skills required for **successful leadership and leadership of one's self and one's peers, within a school setting.**

Leadership 20L will develop leadership capacity, promote personal growth, and develop a sense of value towards leadership among youth with a focus on individual leadership. In Leadership 20L students will have the opportunity to participate in a unique blend of traditional classroom instruction integrated with independent and school-based inquiry including Leadership Styles, Self-Awareness, Time Management, Intrapersonal Skills, Strategic Individual Planning, Promotion & Marketing, Personal Communication and an Individual Action-Research Project.

High Performance Training and Psychology 20 (1 Credit)

The purpose of this course is to allow students to focus on training for a specific sport or to achieve personal fitness goals. Due to the nature of this course, students must be prepared to work hard in order to meet their own personal objectives for physical enhancement. Training sessions will include specified weight training, power training, plyometrics, running, core strength training, and flexibility and cross training activities.

Instructional Physical Education 20 (1 Credit)

This course involves a number of activities. Theory and information related to each of the activities is incorporated into the schedule. Activities include: racquetball, golf, rock climbing, self-defense, canoeing, tennis, weight training, curling, cross-country skiing, rowing, swimming, aerobic exercises, downhill skiing and skating. Participation, attitude and attendance are worth 40% of the mark. A physical assessment is worth another 30%, and written assignments and exams make up the last 30%.

Personal Fitness 20L (1 Credit)

This course provides an opportunity for students with a passion and interest in physical activity, health and well-being. The course provides an alternative physical education class for those wishing to be physically active but not interested in the provincial curricula which focus on sport and recreational activity.

Grade Eleven—Course Descriptions



SATELLITE PROGRAMS:

Campus Regina Public (CRP) Experience education in an innovative and exciting way!

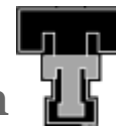


CAMPUS REGINA PUBLIC is a career-centered program available to all Grade 11 and Grade 12 students registered with Regina School Division #4. Our campus offers two-credit courses that are occupation specific, taught by experienced teachers and industry professionals using state-the-art equipment. CAMPUS REGINA PUBLIC has 19 programs, all of which include academic credits, apprenticeship hours, and varied technological certificates. For more information on course offerings and descriptions, visit <http://campusreginapublic.rbe.sk.ca>

Trades and Skills (TASCAP—Trades and Skills Construction Apprenticeship Program)

Regina Trades & Skills Centre has partnered with school divisions in Regina area to offer semester programming for Grade 11 and 12 students interested fast-tracking their way to a trades career. Register at your home school through the guidance counselor. For more information go to <http://rtsc.org>





Grade Eleven—French Immersion

Required Subjects for Students in the French Immersion Program

The French Department at Thom Collegiate offers 6 courses in French Immersion at the grade 9 level: Grammaire, Littérature, Sciences Humaines, Mathématiques, Science (tronc), and Éducation Physique. The French Immersion grade 9 students also take three courses from the English program: English, Health and Career Education, and 1 elective.

During grades 10-12, students must complete a minimum of 24 courses (compulsory courses and electives) to earn a high school diploma. In order to receive a bilingual mention on a high school diploma, students must successfully complete a minimum of 12 French Immersion courses. The French Department at Thom Collegiate offers 6 courses in grade 10, 4 courses in grade 11 and 3 courses in grade 12.

Grade 10	Grade 11	Grade 12
Français 10	Français 20	Français 30
	Français Intégré 20A	Français Intégré 20B
English 10 (1 credit)	English 20	English 30 A and B *Please note: If you are attending a university outside of Sask., please take both English A30 & B30
Histoire 10	Histoire 20	
	Sciences Sociales Fransaskoises 20	Sciences Sociales 30
Science 10 (tronc)	a Science 20 (in English) Sciences de la santé 20	
Millieu de travail et formation d'apprentis 10 & Fondements des mathématiques et Precal 10 (recommended to take both)	Fondements de Mathématiques 20	
Mieux-Être 10 (Wellness)		





Grade Eleven French Immersion

Fondements des Mathématiques 20 (1 Crédit)

Prerequisite: Fondements des mathématiques et Pré-Calcul 10

This pathway is designed to provide students with mathematical understanding and critical thinking skills identified for entry into post-secondary programs. Topics include: Rate applications, scale diagrams, scale factors, perimeter area and volume, properties of angles and triangles, sine law and cosine law, inductive and deductive reasoning, normal distribution, systems of linear inequalities and quadratic functions.

Français 20 (1 Crédit) *Prerequisite: Français 10*

This course looks at a variety of areas including cartoons, the picture-story, documentaries and news casts, and a novel study.

Français Intégré A20 (1 Crédit)

This course is a curriculum-based course that studies the units of cinema and sociology. It offers students the chance to try different course offerings in the French language. Marks are accumulated through assignments, exams and quizzes, and a spoken French component.

Histoire 20 (1 Crédit)

This course focuses on European geography, events of the 19th century, the First and Second World Wars, the Cold War and the evolution of a New World order.

Sciences Sociales Fransaskoises 20 (1 Crédit)

Sciences Sociales Fransaskoises 20 – Ce cours examinera les enjeux contemporains et historiques qui affectent les peuples indigènes au Canada ainsi qu'à travers le monde. On regardera les concepts qu'ils partagent en commun tels : vision du monde, la gouvernance, développement économique, la justice, la santé, etc.

Sciences de la santé 20 (1 Crédit)

Ce cours aidera l'élève à développer sa compréhension de la nature de la science et de la technologie, des relations entre la science et la technologie ainsi que du contexte social et environnemental dans lequel s'inscrivent la science et la technologie, y compris des rapports entre le monde naturel et le monde construit. L'élève construira sa connaissance et sa compréhension des concepts, principes, lois et théories des sciences de la vie et appliquera ces acquis pour interpréter, intégrer et élargir ses connaissances théoriques et pratiques. En plus, l'élève développera les habiletés nécessaires pour mener des investigations scientifiques et technologiques, résoudre des problèmes et communiquer pour travailler en collaboration et pour prendre des décisions éclairées.



Grade Twelve-Course Syllabus

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All Grade 12 students must register for a *minimum of 8 credits*.

Required/Specified Areas of Study:

English A30 or A31 or A 30 (AP)

English B30 or B31 or B 30 (AP)

Social Studies 30 or 31 or Indigenous Studies 30 or 31

Science:

Biology 30

Chemistry 30

Physics 30

Computer Science 30

Social Sciences:

Psychology 30

Law 30

Psychology 30 AP

Math:

Math: Workplace & Apprenticeship 30

Integral Calculus 30L (enriched) and Calculus 30 AP

Math: Foundations 30

Math: Pre-Calculus 30

Calculus 30

Arts Education:

Band 30 (Noon)

Choral 30 (Noon)

Drama 30

Guitar 30

Instrumental Jazz 30

Music 30

Studio Art 30 (Clay)

Visual Art 30

Vocal Jazz 30

Practical and Applied Arts:

Automotive 30

Construction 30

Clothing Textiles & Fashion 30

Entrepreneurship 30

Foods Studies 30

Graphic Arts 30

Information Processing 30

Life Transitions 30

Mechanical & Automotive 30

Robotics & Automation 30

Theatre Arts 30 / Arts Ed 30

Additional classes:

Career and Work Exploration A30 and B30

Core French 30

Instructional Physical Education 30

Campus Regina Public (CRP)

Trades and Skills (TASCAP)

*Saskatchewan Learning requires a minimum of 24 credits for graduation,
at least five of which must be 30 level credits.*



ARTS EDUCATION

ART

Visual Art 30 (1 Credit)

This course furthers the study and development of techniques in the areas of advanced drawing, painting and design. Creative and critical thinking skills are developed and there is also further exploration into printmaking and collage. There is also an advanced study of the Principles of Design and the history of art. Gallery visits are often part of this course. Students are also assessed on their ability to work independently on self-directed projects and their understanding of art history and careers. Marks are given for skill in technique and creativity of design. The accumulation of marks is based on completed classroom projects - qualities such as work ethic, participation, punctuality and attendance are essential for success.

Studio Art 30 Clay (1 Credit) *Prerequisite: Studio Art 20 (formerly Art 20L)*

This class covers 3-dimensional art in greater depth. The students will build on their knowledge of sculptural terms, clay building techniques, and construction from Art 20L. They will continue to explore ideas, experiences, and cultural identities, but will expand their knowledge and understanding of art's place in society and in current events. Students are assessed on their ability to work independently to develop, start and complete self-directed projects. Qualities such as work ethic, participation, punctuality and attendance are essential for success.

MUSIC

Band 30 (1 Credit)

This class is performance oriented. Through performance, the students will learn to value and critically respond to music of different styles, cultures and time periods. The band meets two to three times each week during noon hour to rehearse. The band performs in at least two concerts, which form part of the evaluation. Students will be tested on their ability to play the chosen pieces, to play scales and to sight-read.

Music 30 - Rock Band 30 (1 Credit)

Do you play Guitar, Bass, Drums, Keyboards, or Sing? Then Music10/20/30 Rock Band is the elective for you! We will be putting together 3 rock bands each semester in period 4. See Mr. Houston in room 113 for further details.

Choral 30 (1 Credit)

This class is performance oriented. Through performance, the students will learn to work together as a group to achieve a musical result. They will experience music of different styles, time periods and languages. The Choir meets two to three times each week during noon hour to rehearse. The Choir performs in at least two concerts, which form part of the evaluation. Students will be tested on their ability to sing their parts in the chosen pieces and on music theory.

Guitar 30 (1 Credit) *Prerequisite: Permission of the instructor*

This class is part of a series of classes that is a continuation of Guitar 10 and 20, with more demands on the students technically and theoretically as they become more advanced on guitar. Evaluation incorporates a variety of components including written tests, playing tests and sight-reading.



Grade Twelve Course Descriptions

Instrumental Jazz 30

Students must be registered in Noon Band to participate in Instrumental Jazz. Like band, Instrumental Jazz is a year-long group performance oriented class. The class meets every Wednesday and Friday outside of the regular timetable (ie. mornings). There are three main concerts during the year (winter, spring, and a jazz show early in second semester) plus other performance opportunities as they arise. The class will focus on the jazz idiom, with considerable time spent on swing style. Evaluation will include playing tests, participation in rehearsals and performances, self-evaluation and written assignments.

Vocal Jazz 30

Students must be registered in Noon Choral to participate in Vocal Jazz. Like Choral, Vocal Jazz is a year-long group performance oriented class. The class meets every Tuesday and Thursday outside of the regular timetable (ie. mornings). There are three main concerts during the year (winter, spring, and a jazz show early in second semester) plus other performance opportunities as they arise. The class will focus on the jazz idiom, with considerable time spent on swing style. Evaluation will include singing tests, participation in rehearsals and performances, self-evaluation and written assignments.

DRAMA

Drama 30 (1 Credit)

This is an advanced drama course open to students who have been successful in at least one drama course at the 10 or 20 level. Students will study theatre history and develop a collective creation to be performed publicly at the end of the semester. A high level of student commitment is required in this course.

Theatre Arts / Arts Education 30 (2 Credits):

This is an interdisciplinary, team-taught, performance-oriented course. Students will be involved in all aspects of a major theatrical production including acting, singing, dancing and behind the scenes work. In addition, students will be involved in group projects as well as have the opportunity to attend productions and work with local performers. There is a materials fee with this class.

ENGLISH

English Language Arts A30/31 *Prerequisite: ELA 20/21*

Canadian Perspectives: Distinct and Rich: Define the Individual, Negotiate the Community; Celebrate the Glorious, Acknowledge the Scandalous; Shift Centres, Blur Margins; Understand Beliefs, Initiate Action Canadian Landscapes: Diverse and Dynamic: Natural and Constructed; Psychological and Physical; Historical and Contemporary; Personal and Societal

English Language Arts B30/31 *Prerequisite: ELA 20/21*

The Search for Self: Sense of Self; Ideals; Joy and Inspiration; Doubt and Fear The Social Experience: Dealing with Universal Issues; Ambition, Power, and the Common Good; Social Criticism; Addressing the Issues.



Grade Twelve Course Descriptions

MATHEMATICS

Foundations 30 (1 Credit) *Prerequisite: Foundations 20*

This pathway is designed to provide students with mathematical understanding and critical thinking skills identified for entry into post-secondary programs. Topics include: compound interest and financial decision making, cost analysis, investment portfolio: interest rate, rate of return, total return, numerical and logical reasoning via puzzles and games, simple set theory (Venn diagrams, intersection, union, and complement), conditional statements, assessing validity of probability and odds-based statements, probability of mutually and non-mutually exclusive, dependent and independent events, fundamental counting principal, permutations, combinations, polynomial functions (degree < 3), logarithmic and exponential functions, sinusoidal functions, and current event areas of interest related to mathematics

Calculus 30 (1 Credit) *Prerequisite: Pre-Calculus 30*

Students will work to understand that as algebra allows mathematicians to model and generalize numeric patterns, calculus allows mathematicians to model and generalize patterns of change in those patterns, as well as change in the change itself. Conceptually, this is accomplished using the concept of infinity to develop the three big ideas of Calculus: limits, derivatives, and integrals. These ideas will be applied to model algebraic, transcendental, and piecewise functions, with a focus on factoring, solving, understanding limits, differentiating, curve sketching, and problem-solving.

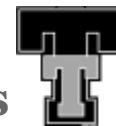
Pre-Calculus 30 (1 Credit) *Prerequisite: Pre-Calculus 20*

This pathway is designed to provide students with mathematical understanding and critical thinking skills identified for entry into post-secondary programs (science and math related areas). Topics include: degrees and radians, unit circle, six trigonometric ratios (degrees and radians), sine, cosine, and tangent functions, trigonometric equations (degrees and radians), trigonometric identities, operations and composition of functions function notation), transformations of graphs and equations (vertical and horizontal translations, stretches, reflections, and inverses), logarithms, logarithmic and exponential functions, logarithmic and exponential equations, factoring beyond degree 2 (integral coefficients), polynomial functions of degree < 5 , radical functions, rational functions, fundamental counting principal, permutations, combinations, and binomial theorem.

Workplace & Apprenticeship Math 30 (1 Credit)

Prerequisite: Workplace & Apprenticeship Math 20

This pathway is designed to provide students with the mathematical understanding and critical thinking skills identified for entry into the majority of trades and for direct entry into the work-force. Topics include: Problem solving involving limitations of measuring instruments, Sine Law and Cosine Law (excluding ambiguous case), problems involving polygons, transformations of 2-D shapes and 3-D objects (translation, reflection, rotation, dilation), logical reasoning via games and puzzles, acquisition of vehicle, viability of small businesses, linear relations, measures of central tendency (mode, median, mean, weighted means, trimmed means), percentiles (analysis), and probability problems.



PRACTICAL AND APPLIED ARTS

Clothing, Textiles & Fashion 30 (1 Credit)

Clothing, Textiles, and Fashion 10/30 are designed to create awareness of the role of clothing, textiles, and fashion in our daily lives. Students will have the opportunity for achievement and success through a combination of theory and practical experiences at school.

Construction 30 (1 Credit)

This course is largely activity based, and looks at practical furniture construction and design. Practical furniture projects will be built using advanced joinery techniques. Tool safety and function will be discussed in conjunction with the projects built during this class.

Entrepreneurship 30 (1 Credit)

Entrepreneurship 30 assists students in identifying and developing entrepreneurial characteristics and skills and an entrepreneurial mindset. These skills will equip students for success, whether they pursue entrepreneurship or another career pathway. Some areas of focus include: Role and contribution of entrepreneurship/ intrapreneurship to personal, school and community life. Entrepreneurial success Entrepreneurial/intrapreneurial skills and attitudes, including the entrepreneurial mindset, that benefit self and others. Social responsibility. Business and community development. Establishing a business, including a homebased business, in Saskatchewan.

Food Studies 30 (1 Credit)

Food preparation covers all basic areas such as fruits, vegetables, flour mixtures, milk, eggs, sugars, meat, fish, poultry, fats and sugar substitutes. Meal preparation, nutrition challenges and Canadian and world cuisine are topics that are also addressed.

Information Processing 30 (1 Credit)

The focus of this course is on managerial computer applications. It includes digital photography, web page design and desktop publishing, as well as multi-media presentation. The mark is based on a cumulative evaluation, worth 60%, that looks at skill assessment, assignments, projects, quizzes, participation and attitude. The remaining 40% of the mark comes from major exams.

Life Transitions 30 (1 Credit)

This course takes students through a real life simulation and helps them to recognize the decisions that must be made over the course of a lifetime. A variety of topics will be addressed including relationship development, conflict resolution, support resources, money management, credit, insurance, mortgages, health care, parenting and child development. Evaluation is cumulative.

Mechanical & Automotive 30 (1 Credit)

This class focuses on the transmission of power including gear systems and new developments in both standard, automatic and CVT transmissions. There is also a review of tune-ups, looking into new developments and mechanics. Other areas of study include electronic steering, distributor-less ignition, electronic fuel injection, welding, steering suspension and computer controls. Practical projects and assignments account for 40% of the mark, a written and practical exam for 30%, and 30% is allotted to attitude and attendance and clean up.



Grade Twelve—Course Descriptions

Robotics & Automation 30 (1 Credit)

This course allows students to explore wearable technologies, automation, mobile robotics and animatronics as well as traditional robotic devices. Ubiquitous computing and automation are occurring in tandem. Self-operating machines are permeating every dimension of society, so that humans find themselves interacting more frequently with robotic devices than ever before—often without even realizing it.

SCIENCE

Biology 30 (1 Credit) *Prerequisite: Environmental Science 20 or Health Science 20*

The major themes of this course are to examine the significance of evolution as a key unifying theme in biology and to explore what life is and how it changes over time. Students will examine the organization of life in all kingdoms through the study of biomolecules, cellular processes, and organism function. In genetics and biotechnology, students will explore inheritance, and how information is stored, transmitted, and expressed at chromosomal and molecular levels. Student inquiry will guide independent investigations of biology-related phenomena.

Computer Science 30 (1 Credit) *Prerequisite: Computer Science 20*

We will explore careers in Computer Science. You will continue to develop skills using computational thinking. Building on your knowledge and skills from Computer Science 20, you will begin fully text-based coding to create and correct programs using the popular coding language, Python. You will complete the semester learning processing in Python to create your own animation.

Chemistry 30 (1 Credit) *Prerequisite: Physical Science 20*

A major focus of the course is the study of the role of chemical properties and bonds in determining what makes materials suitable for use in specific applications. Students will actively investigate the nature of equilibrium in chemical reactions. In electrochemistry, students explore oxidation-reduction reactions and the impact of electrochemistry on society and the environment. Other topics include organic compounds and acid-base chemistry.

Physics 30 (1 Credit) *Prerequisite: Physical Science 20*

This course enables students to investigate concepts related to modern physics such as quantum mechanics, relativity, and nuclear physics. Students will use Newtonian mechanics to analyze various types of motion and the forces that cause motion. Using the conservation laws of momentum and energy, students will analyze and predict the results of interactions between objects. Lastly, students will explore gravitational, electric and magnetic fields and their interactions. Student inquiry will guide independent investigations of physics—related phenomena.

SOCIAL SCIENCE

Law 30 (1 Credit)

This course studies Canadian law and is intended to help students understand the principles and procedures of the Canadian legal system. Topics include criminal law, civil law, family law and contract law. Guest speakers, a mock trial and a field trip to a court house may be included.

Grade Twelve—Course Descriptions



Indigenous Studies 30 (1 Credit)

Indigenous Studies 30 deals with contemporary aboriginal issues, from World War I to present-day. Students will be immersed in experiential learning environments by partaking in group works, and shared experiences. Various mediums will be employed so as to render an overall appreciation of aboriginal inclusion to the development of Canadian politics, from the past to the present. Social Studies 30 or Indigenous Studies 30 is a required course for graduation.

Psychology 30 (1 Credit)

As a developmental psychology course, this course explores human development – how people change and develop during the span of life from conception to death

Social Studies 30 (1 Credit)

The goal of this course is to help students understand the major issues facing Canadians at the beginning of the 21st Century. With this in mind, the course emphasis is on geography, economics, history, governance, Canadian identity, and cultural diversity that include contemporary Canadian Aboriginal issues. *Social Studies 30 or Indigenous Studies 30 is a required course for graduation.*

ADDITIONAL CLASSES

Career and Work Exploration A30 and B30 (1 Credit)

These 100-hour courses each consist of 25 to 30 hours of classroom learning and 70 to 75 hours of workplace learning. Career and Work Exploration A30 and B30 maximize opportunities for students to access the workplace. These courses offer opportunities for students to experience career choices and to develop entry level skills in a workplace setting.

Core French 30 (1 Credit) *Prerequisite: Core French 20*

French 30 balances oral and written French equally and is based on a thematic communicative/experiential approach. This course enables students to practice spoken French in communicative situations and puts more emphasis on creating and sustaining conversations with peers. Throughout the semester students will be introduced to new verb tenses and will expand on their previous vocabulary and grammar skills.

Physical Education 30 (1 Credit)

This course involves a number of activities. Theory and information related to each of the activities is incorporated into the schedule. Activities include archery, swimming, advanced golf, snooker, scuba diving, downhill skiing, squash, gymnastics and individual fitness. Participation, attitude and attendance are worth 40% of the mark. A physical assessment is worth another 30%, and written assignments and exams make up the last 30%.

SATELLITE PROGRAMS:

Campus Regina Public (CRP) Experience education in an innovative and exciting way! CAMPUS REGINA PUBLIC is a career-centered program available to all Grade 11 and Grade 12 students registered with Regina School Division #4. Our campus offers two-credit courses that are occupation specific, taught by experienced teachers and industry professionals using state-the-art equipment. CAMPUS REGINA PUBLIC has 19 programs, all of which include academic credits, apprenticeship hours, and varied technological certificates. For more information on course offerings and descriptions, visit <http://campusreginapublic.rbe.sk.ca>

Grade Twelve—French Immersion



Required Subjects for Students in the French Immersion Program

The French Department at Thom Collegiate offers 6 courses in French Immersion at the grade 9 level: Grammaire, Littérature, Sciences Humaines, Mathématiques, Science (tronc), and Éducation Physique. The French Immersion grade 9 students also take three courses from the English program: English, Health and Career Education, and 1 elective (MCA or Home Arts).

During grades 10-12, students must complete a minimum of 24 courses (compulsory courses and electives) to earn a high school diploma. In order to receive a bilingual mention on a high school diploma, students must successfully complete a minimum of 12 French Immersion courses. The French Department at Thom Collegiate offers 6 courses in grade 10, 4 courses in grade 11 and 3 courses in grade 12.

Grade 10	Grade 11	Grade 12
Français 10	Français 20	Français 30
	Français Intégré 20A	Français Intégré 20B
English 10 (1 credit)	English 20	English 30 A and B *Please note: If you are attending a university outside of Sask., please take both English A30 & B30
Histoire 10	Histoire 20	
	Sciences Sociales Fransaskoises 20	Sciences Sociales 30
Sciences 10 (tronc)	a Science 20 (in English or French)	
Millieu de travail et formation d'apprentis 10 & Fondements des mathématiques et Precal 10 (recommended to take both)	Fondements de Mathématiques 20	
Mieux-Être 10 (Wellness)		



ELECTIVES

Français Intégré 20B (1 Credit)

This course, taken in the Grade 12 year, is a curriculum-based course that studies the units of psychology and entrepreneurship. It offers French Immersion students the opportunity to try different course offerings in the French language.

Français 30 (1 Credit)

This course encourages continued development and precision of the French Language. Students continue to develop both written and oral skills. Much emphasis is placed on continued improvement of the oral aspect of the language as students will write the International Baccalaureate exam (IB) at the end of their grade twelve year. Students continue to develop these language skills through three thematically based units: the novel, the play, and poetry.

Sciences Sociales 30 (1 Credit)

This course deals with topics such as Canadian history, relationships between the members of society, the evolution of Canada as an independent nation, Canadian culture, the role of the constitution and the rights of the people.



Keep up to date with everything that is happening at the school. Check out the Thom Collegiate website.

<http://thomcollegiate.rbe.sk.ca>

On our site, you will find our daily Announcements and our Google Calendar of upcoming events. You will also be able to access links to PowerSchool, School Cash Online and other resources.



Questions? Email us at
thomcollegiate@rbe.sk.ca

