

Dr. John Hugh Gillis Regional High School



Administration

Mr. Jack MacDonald – Principal
Mr. Jason Dayman- Vice Principal
Ms. Suzanne Delaney- Vice Principal
Mr. Charles MacDonald– School Counselor
Mrs. Jennifer Ramaglia– School Counselor

Contact Information

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Website: <http://drjhg.srce.ca/>

High School Credit System

- The High School credit system begins at the grade 10 level
- High School course choices begin in grade 10

Graduation Requirements

- 18 credits are required to graduate
- 13 of these credits are mandatory
 - > 3 English credits
 - > **3 Math credits**
 - > 1 Canadian Studies
 - > 2 Science credits
 - > 1 Additional MATH, Or SCIENCE OR TECH CREDIT
 - > 1 Global Studies
 - > 1 Fine Arts
 - > 1 Physical Education

Course Levels

There are several levels of courses available to students:

- Open
- Graduation (GRAD)
- Academic (ACA)
- Advanced (ADV)
- Pre-Diploma (PIB)
- International Baccalaureate (IB)

High School Pathways

There are several paths available to high school students:

- Academic 10-12 – Courses can include Adv, Aca, Open, Grad
- French Immersion 10-12
- PIB 10
- IB 11-12
- Options & Opportunities 10-12
- Skilled Trades 10-12

Grade 10 Academic Course Selection

All students entering regular grade 10 program usually select the following:

- English 10
- Science 10
- Physical Education 10
- Mathematics 10 (2 Credits) or Math At Work 10, Math Ess (1 Credit)
- Art, Drama or Music
- 2 Electives if Math 10 was chosen above
- 3 Electives if Math At Work 10 or Math Ess was chosen

High School Courses

- Dr. John Hugh Gillis Regional High School offers a variety of courses across all disciplines
- The following is a brief summary of courses by subject area
- More detailed information on courses is available in The Program Of Studies

High School English

- ◎ All students must successfully complete English at each grade level
- ◎ There are several levels of English courses available

PIB/IB/Academic English

- These English courses are designed to prepare students for university
- English 10
- IB English is only available in grades 11 and 12

Communications English

- English Communications is a general level English course which is available in grades 11 and 12 only
- This English will qualify students for most community college programs but not University

Math

Students must have a minimum of 3 Math credits

There are several levels of Math available

New Math Curriculum

- NS Department of Education has changed the Math Curriculum
- Math 10 is a 2 credit course
- Math At Work 10 & Math Ess 10 are both 1 credit courses

Academic Math Route for Science/Engineering

To qualify for science/engineering programs
the following Math route is suggested:

Grade 10	Math 10
Grade 11	Math 11 + Pre Cal 11
Grade 12	Pre Cal 12 + Cal 12

***IB Math Route also qualifies you for any
University Program

Math At Work vs. Academic Mathematics

- In order to take the Academic Math in grade 10, students need to achieve 60% in grade 9 mathematics.
- Students with a 50 – 60 % in grade nine mathematics will be placed in Math AT Work 10

Academic Mathematics 10 → University Preparatory

Math At Work 10 → Some Community College Programs

College Prep Math

● The following route will qualify students for many community college programs, however check the website www.nsc.ca as some technical programs require higher level math

● Grade 10: Math At Work 10

● Grade 11: Math At Work 11

● Grade 12: Math At Work 12

Essentials Math

- ◎ Essentials Math is another level of math which is below the Math at Work level and qualifies for some college programs
- ◎ Grade 10 Math 10 Essentials
- ◎ Grade 11 Math 11 Essentials
- ◎ Grade 12 Math 12 Essentials

IB Math Route

- Grade 10 Math 10
 - Grade 11 IB Math
 - Grade 12 IB Math
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- **Some students will opt for Cal 12 if they have available time in their grade 12 year, but it is not necessary as Calculus is covered in IB Math

IB Math SL

- IB Math students are doing Calculus by October of grade 12

Arts/Applied Sciences/Business Math Routes

- Always check University calendars/websites, there are exceptions but generally academic math in grade 10, 11, and 12 qualifies for the above programs
- Grade 10 Math 10
- Grade 11 Math 11
- Grade 12 Math 12

Science Courses

- All students are required to complete two science courses
- Science courses offered:
 - Science 10 or Pre-IB Science 10, Sciences 10 (FI)
 - IB Biology, Chemistry and Physics
 - Biology, Chemistry, Physics
 - Oceans 11
 - Agriculture 11
 - Chimie 11 & 12 (FI)...*tentatively* offered in 2020-21
 - Food Science 12

History / Global Requirements

- ◎ Students are required to complete 2 history related courses
- ◎ 1 credit must be a Canadian Studies credit which is completed in grade 10 or 11 from African Canadian Studies 11, Canadian History 11, Gaelic Studies 11 or Mi'kmaw Studies 11
- ◎ The second history credit is taken in grade 12 from either Global Geography 12 or Global History 12

French Immersion Courses

- A minimum of 9 French Immersion credits must be obtained
- of the 9 required, FRA 10, 11, 12 must be passed

French Immersion Courses

- English 10
- Math 10 (2 Credits), Math at Work 10 or ESS (1 Credit)
- Art Dramatique 10 Imm, Art, Drama, or Music 10
- Sciences 10 (FI)
- Histoire 10 (FI)
- Histoire du Canada 11 (FI)
- Fra 10 (FI)
- 0 or 1 Elective depending on math choice above

French Immersion Courses

- Français 10, 11, 12
- Art Dramatique 10 Imm
- Histoire 10, His Cdnne 11, Etudes GeoPlanetaire 12
- Sciences 10, *Chimie11, *Chimie12
- There are also several FI courses available online
- Chimie 11/12 tentatively offered in 2020-21

Grade 10 French Immersion

Semester 1	Semester 2
<p style="text-align: center;">Français 10e Immersion</p> <p style="text-align: center;">Sciences 10e Immersion</p> <p style="text-align: center;">Histoire Ancienne 10^e Immersion</p> <p>MATH 10 – (Both semesters)</p>	<p style="text-align: center;">Art Dramatique 10^e Immersion</p> <p style="text-align: center;">Histoire du Canada 11^e Immersion</p> <p>ENGLISH 10</p> <p>MATH 10 (Both semesters)</p>

Grade 11 & 12 French Immersion (Requires * 2 Immersion courses each school year)

Gr 11 - Semester 1	Gr 11 - Semester 2		Gr 12 - Semester 1	Gr 12 - Semester 2
Français 11e Immersion	Yoga (*Example) Law (*Example) Sociology (*Example) Phys Ed (*Example)		Français 12 Immersion	Chimie 12 Immersion OR an online Immersion course NSVS
Chimie 11e Immersion OR an online Immersion course	Physics 11 (*Example) Health & HS (*Example) Food Science (*Example) Computer/Tech (*Example)		Etudes Globales 12 Immersion	Physics 12 (*Example) Economics (*Example) Phys Ed (*Example) Yoga (*Example)
MATH 11 – (In English)	Pre-Cal 11 (*or if not in Math stream, choose another course)		Pre-Cal 12 or Math 12	Calculus 12 (or if not in Math stream, choose another course)
ENGLISH 11	Bio 11 (*Example) Oceans 11 (*Example)		ENGLISH 12	Bio 12 (*Example) Agriculture (*Example)

Grade 10 French Immersion

Semester 1	Semester 2
<p>Français 10e Immersion</p> <p>Sciences 10e Immersion</p> <p>Histoire Ancienne 10^e Immersion</p> <p>MATH 10 -- (Both semesters)</p>	<p>Art Dramatique 10^e Immersion</p> <p>Histoire du Canada 11^e Immersion</p> <p>ENGLISH 10</p> <p>MATH 10 (Both semesters)</p>

Grade 11 & 12 French Immersion and IB Diploma

Grade 11 -Semester 1	Grade 11 - Semester 2	Grade 12 -Semester 1	Grade 12 -Semester 2
IB Physics (1 full block) OR IB Biology (1 full block)	IB Physics (0.5 block) OR IB Biology (0.5 block) *The other half block students will start their Extended Essay	IB Physics (0.5 block) OR IB Biology (0.5 block) *The other half block is taken up by IB Math	<p>*One half block is FREE for possible online course</p> <p>*The other half block is taken up by IB Math</p>
IB English (0.5 block) AND IB History (0.5 block)	IB English (0.5 block) AND IB History (0.5 block)	IB English (0.5 block) AND IB History (0.5 block)	IB English (0.5 block) AND IB History (0.5 block)
<p>IB French (1 full block)</p>	<p>IB French (0.5 block)</p> <p>*The other half block is for TOK (Theory of Knowledge) course</p>	IB English (0.5 block) AND IB History (0.5 block)	IB Physics (0.5 block) OR IB Biology (0.5 block) <p>IB French HL (0.5/ full block)</p>
IB Math (0.5 block) AND ONE OF THE FOLLOWING : IB Chem (0.5 block) IB Art (0.5 block) IB Music (0.5 block)	IB Math (0.5 block) AND ONE OF THE FOLLOWING : IB Chem (0.5 block) IB Art (0.5 block) IB Music (0.5 block)	ONE OF THE FOLLOWING : IB Chem (0.5 block) IB Art (0.5 block) IB Music (0.5 block) *The other half block is TOK (Theory of Knowledge)	ONE OF THE FOLLOWING : IB Chem (0.5 block) IB Art (0.5 block) IB Music (0.5 block) *The other half block is TOK (Theory of Knowledge)

Pre-IB at Dr. J

- In September 2021 we will be offering the following Pre-IB 10 courses:
 - Pre-IB English
 - Pre-IB Science
 - Pre-IB French.
- Students will be required to take all of the Pre-IB courses with the exception of French, if the student has registered for Gaelic.
- Curriculum for Pre-IB courses has been developed by the NS Department of Education.
- The focus of the course content is to promote and encourage critical thinking skills and inquiry based learning aligned with the IB curriculum and goals.

Course Selection Pre-IB

- Students would request the following:
- Pre-IB English semestered
- Pre-IB Science semestered
- Pre-IB French semestered
- Math 10 full year
- Three other semestered courses
- Pre-IB is not a prerequisite for IB, however we strongly encourage students register for the courses, if they are thinking IB in grade 11.

Course Selection Pre-IB

- PIB English 10
- Math 10 (2 Credits)
- PIB French 10
- PIB Science 10
- Canadian History 11, Gaelic Studies 11,
African Canadian Studies 11
- Chem 11, Biology Or Physics 11
- Art, Drama, Music, Or Phe

French Immersion & PIB

- ◎ Students interested in pursuing IB in grade 11, wishing to keep FI option open register for the following grade 10 courses:
- ◎ English 10, Math 10 (2 credits), Francais 10, His 10 (FI), Histoire du Canada 11(FI), Sci 10(FI), Art Dramatique 10 Imm
- ◎ Bio 11 or Phy 11

IB Options

- **IB Diploma** students do not need to fulfill NS High School requirements
- **IB Certificate** students (students only take IB courses they wish, not entire program) – these students must meet Nova Scotia requirements
- For more detailed information on IB, please visit the IB presentation found on the school's website under the guidance tab and/or contact IB Coordinator, Ms. Lindsay MacInnis (lindsay.macinnis@srce.ca)

IB Diploma

- There are 6 groups, students take one subject from each group. Group 6 can be an elective
- IB Core Requirements:
 - > Research Essay
 - > CAS – Creativity Action and Service
 - > TOK – Theory of Knowledge course

IB Groupings

- ◎ #1 IB English – Literature study
- ◎ #2 IB French
- ◎ #3 IB History
- ◎ #4 IB Chemistry, Biology or Physics
- ◎ #5 IB Math Standard Level
- ◎ #6 IB Art or IB Music
 - Or a second science

IB and French Immersion

- Immersion students are able to receive an integrated French Certificate and an IB Diploma
- A summary of these options is **briefly** outlined on the following site:
- <https://fsl.ednet.ns.ca/content/integrated-french-certificate-ib-diplomacertificate>
- These arrangements must be carefully planned on an individual basis with the IB Coordinator
- lindsay.macinnis@srce.ca

Options & Opportunities

Students apply for the O2 program mid way through their grade 10 year

GRADE 10

Students take Career Development 10 semester 1 and if their application is accepted they will be enrolled in Community Based Learning 11 at a future date.

Grade 11 and 12 O2

● **Grade 11**

Community Based Learning 11

1 or 2 Co-op credits

● **Grade 12**

1 or 2 Co-op credits

Skilled Trades

- Skilled Trades 10...required for:
- Construction Trades 11
- Transportation Trades 11

Website

● <http://www.drjhg@srce.ca>

● Click on School Counsellor tab