

# Dr. John Hugh Gillis Regional High School

## Administration

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# High School Credit System

The High School credit system begins at the Grade 10 level



# GRADUATION REQUIREMENTS

- ❑ 18 Credits are required to graduate
- ❑ 14 of these credits are MANDATORY
  - > 3 English Credits
  - > **3 MATH Credits (new for 2017-18)**
  - > 1 Canadian Studies
  - > 2 Science Credits
  - > 2 additional Math, or Science or Tech Credits
  - > 1 Global Studies
  - > 1 Fine Arts
  - > 1 Physical Education



# Course Levels:

There are several levels of courses available to students entering Grade 10 and 11:

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



# High School Pathways

There are several types of programs available to High School students at Dr. JHG:

- Regular Programming 10-12
- French Immersion 10-12
- IB 11-12(Pre-IB 10)
- 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
- Math 10 (Now 2 Credits) OR Math at Work 10 (1 credit), OR Math Essentials 10 (1 Credit)
- Art 10, Drama 10 or Music 10
- 2 ELECTIVES IF MATH 10 was chosen above**
- 3 ELECTIVES IF MATH at Work 10 or MATH Essentials 10 was chosen**



# High School Courses

Dr. JH 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 an English credit at each grade level
- ❑ There are several levels of English courses available





# Academic English/IB

- These English courses are designed to prepare students for university:
- English 10
- IB English is 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



# Mathematics

Students must have a minimum of

**3 Math credits...one at each grade level**

There are several levels of Math available.



# Math Curriculum

- ❑ Math 10 is a 2 credit course
- ❑ Math At Work 10 & Math Essentials 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(S1) then Pre Cal 11 (S2)
Grade 12	Pre Cal 12(S1) then Cal 12 (S2)

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



# Math At Work vs. Academic Mathematics

Recommendations for Academic Math in grade 10, are that students achieve 60% in grade 9 mathematics.

Students with a 50 – 60 % in grade nine mathematics are encouraged to enroll in Math AT Work 10

Academic Mathematics 10 → University Preparatory

Math At Work 10 → Many Community College Programs



# College Prep Math

- The following route will qualify students for many community college programs, however check website [www.nsc.ca](http://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 11                      IB Mathematics
- Grade 12                      IB Mathematics
- Math students are doing Calculus by October of grade 12
- \*\*Some students will opt for Cal 12 as they have available time in their grade 12 year, but it is not necessary as Calculus is covered in IB Math (unless going to university in Ontario)



# Arts/Applied Sciences/Business Math Routes

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



# Science Courses

- ❑ All students are required to complete two science courses before graduation
- ❑ Science courses offered:
  - Science 10 or Pre-IB Science 10
  - IB Biology, IB Chemistry and IB Physics
  - Biology, Chemistry, Physics
  - Oceans 11
  - Geology 12
  - Agriculture 11
  - Chimie 11 & 12 (FI)...offered 2018-19 (every 2nd)
  - Food Science 12



# History / Global Requirements

- ❑ Students are required to complete 2 History related courses before graduation
- ❑ 1 credit must be a Canadian Studies credit which is completed in Grade 10 or 11 from **Canadian History 11** or **Gaelic Studies 11**
- ❑ The second History credit is taken in Grade 12 from either **Global Geography 12** or **Global History 12**



# Physical Education Requirements

- ❑ All students are required to complete one Physical Education course before graduation.
- ❑ Physical Education courses include:
  - Physical Education 10,11,12
  - Fitness Leadership 11
  - Yoga 11
  - Girls only Physical Education 12



# Electives

- 4 additional courses are needed in order to graduate
- Options available in Sciences, Arts, Humanities (Law, Economics, Sociology), Food Studies, Child Studies, Hospitality, Technology, Languages,
- Check the program of studies to see the courses available in grade 10,11,12



# French Immersion Requirements

- ❑ A minimum of 9 French Language Credits must be obtained.
- ❑ Of the 9 required, FRANCAIS 10, 11, 12 **MUST** be passed.
- ❑ At least 2 Immersion credits must be taken each year.

# French Immersion Course Selection



- English 10
- Math 10, Math at Work 10 OR Math Essentials 10
- Art Dramatique 10 IMM, DRAMA, OR MUSIC 10
- Sciences 10 (FI)
- Histoire 10 (FI)
- Français 10 (FI)
- Physical Education 10
- 1 OR 2 Elective(s) depending on the MATH choice above.





# French Immersion Courses

- ❑ Français 10, 11, 12
- ❑ Art Dramatique 10 IMM
- ❑ Histoire 10, Histoire Canadienne 11, Études Géographie Planétaire 12 (not offered 18-19)
- ❑ Sciences 10, Chimie 11, \*Chimie 12
- ❑ There are also several FI courses available online



# Grade 10 PreIB Course Selection

- French 10 PreIB
- Science 10 PreIB
- English 10
- Math 10
- Chemistry 11, Biology and/or Physics 11 --  
semester 2 or Art, Music
- Canadian History 11



# French Immersion & PreIB

- ❑ 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), Français 10, His 10 (FI), Science 10(FI), Art Dramatique 10 immersion,
- ❑ Biology 11 or Physics 11 or Chimie 11

# IB Options

- ❑ **IB DIPLOMA** students do not need to fulfill the Nova Scotia 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 site found on the school's website under the guidance tab.

# IB Diploma

- There are 6 groups, students take one subject from each group. Group 6 can be as an elective
- IB Core Requirements:
  - Research Essay “Extended 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 “Calculus Math”
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@srsb.ca](mailto:Lindsay.macinnis@srsb.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 Community Based Learning 10 during semester 2.





# Grade 11 and 12 O2

## Grade 11

- Career Development 11
- WHS 11
- 2 Co-op credits

## Grade 12

- 1 or 2 Co-op credits



# Skilled Trades

**Skilled Trades 10...is required for:**

- Construction Trades 11
- Transportation Trades 11



# WEBSITE

- ❑ Visit the Dr. John Hugh Gillis Regional High School website <http://drjhg.srsb.ca/>
- ❑ Click on Guidance tab  
<http://drjhg.srsb.ca/content/guidance-2>