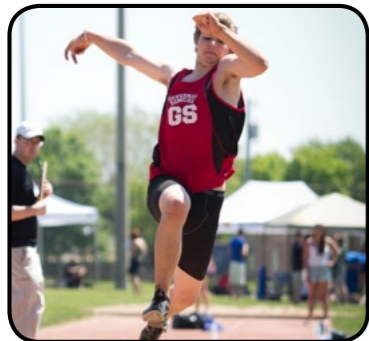


# GOVERNOR SIMCOE SECONDARY SCHOOL



LOISSEZ FAIRE  
ENVIRONMENTAL IMPACT  
SELF MADE  
TO BE OR NOT TO BE  
YOUR FUTURE?  
CONFEDERATION 1867

**SIMCOE**

**GOVERNOR**

CREATE YOUR FUTURE @ GOVERNOR SIMCOE

GRADE EIGHT OPEN HOUSE  
2013-2014



Dear Grade 8 Student and Parent/Guardian:

It is always an exciting time of year as grade eight students prepare to make the transition from elementary to secondary school.

Included within this USB bracelet are materials that will provide you with some insight regarding the available programs and activities at our school.

Students who attend an elementary school within the boundaries of Governor Simcoe will complete an on-line intention sheet at their elementary school. To view our Course Offerings please visit

[www.govsimcoe.dsbni.org](http://www.govsimcoe.dsbni.org)

and click on Governor Simcoe Course Selection Guide on the right hand menu.

If you do not attend a school within the District School Board of Niagara please return your completed intention sheet directly to Governor Simcoe; to secure a seat for September admission we would ask that you do this no later than March 1, 2013. Please note: a signature by the elementary principal is not required if your child is not a student of the District School Board of Niagara.

We are here to help you through the transition process. If you have any questions or concerns, please do not hesitate to contact us at (905)934-4006.

See you in September!

Sincerely,  
Rick Karr  
Principal

## High School: An Owner's Manual

Helpful tips, hints and explanations to your high school years at DSBN



## Governor Simcoe School Council

We're looking for a few good parents to make a difference



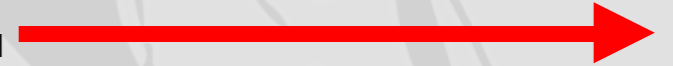
## Business Studies

It's your future . . . make it your business!



## English

Experience the world



## Family Studies

The family can be the centre of learning



## Geography

Understand the world



## Health & Physical Education

Work your body and your mind



## Science

Understand your future



## Technological Studies

Designing, building and discovering your future



This is an interactive document that allows you to navigate from page to page or outside of this document by activating the links.

A GRADE 8 GUIDE TO NAVIGATING HIGH SCHOOL

# HIGH SCHOOL: AN OWNER'S MANUAL

## Get Ready For High School

Next year you will be entering high school and expanding your horizons. This is the start of a new and exciting experience in a larger school where you will be meeting new teachers and making new friends. You will have the opportunity to explore a whole range of options that will help prepare you for your future life as an adult.

While your new high school is bigger, it has a lot in common with your elementary school. You will find caring staff in an environment in which each student's needs and future matters.

We pledge to work with you and your parents to achieve your best possible future.

Navigating any new experience can be more successful when you take the time to seek information and begin to establish important connections. This booklet is designed to assist you in doing just that. It will provide you with answers to some of your questions and describe many of the services and programs that will support your learning experience.

By working and achieving success together, we will give you the best possible start and assist in every way we can to help you reach your potential.



Warren Hoshizaki,  
Director of Education

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“

Have the courage to follow your heart and intuition. They somehow already know what you truly want to become. Everything else is secondary.

Steve Jobs

Unleash  
your  
imagination

# Specialized DSBN Programs

## 1. English as a Second Language (ESL)

The ESL program provides English Language Learners with support in the development of English skills and literacy. ESL programs are available at designated high schools. The following two schools offer the ESL program:

- St. Catharines Collegiate, St. Catharines
- Westlane Secondary School, Niagara Falls

## 2. Extended French

Five schools offer the Extended French Program. Transportation is provided for eligible students. Depending on the school, students in Grades 9 and 10 study Mathematics, Science, Extended French, Language Arts, History, Geography, Civics and Career Studies. In Grades 11 and 12, Extended French Language Arts courses, along with additional courses, are also offered. Slight variations of the above may occur from school to school. In all these subjects, French is the language of instruction. Students study the remaining subjects in English.

- A.N. Myer Secondary School, Niagara Falls
- Governor Simcoe Secondary School, St. Catharines
- Grimsby Secondary School, Grimsby
- Sir Winston Churchill Secondary School, St. Catharines
- Welland Centennial Secondary School, Welland

## 3. Specialized School to Community

Many schools offer alternative programming for students with intellectual disabilities and significant learning needs. Students in this program will work towards a Certificate of Accomplishment in place of the Ontario Secondary School Diploma. These classes are offered to students who would benefit from this program and require modifications to the Ontario Curriculum, as well as alternative courses, to be successful. Students are placed in a high school program that can best support their individuality, learning style and needs through an Identification Placement and Review Committee (IPRC). Expectations for these courses are selected to meet the individual needs of the student enrolled and will be part of an Individual Education Plan (IEP) developed by the school and student/family.

## 4. Specialized School to Work

This program has been designed for students who would benefit from: being in a smaller class; English and Mathematics expectations that are more suited to the world of work; and a more hands-on learning experience. These are the High schools offering the Specialized School To Work program:

- Beamsville District Secondary School, Beamsville
- Fort Erie Secondary School, Fort Erie
- St. Catharines Collegiate, St. Catharines
- Port Colborne High School, Port Colborne
- Eastdale Secondary School, Welland
- Stamford Collegiate, Niagara Falls

# Pathways

## Apprenticeship

Do you enjoy learning by doing? Do you prefer hands-on work over classroom learning? If so, then apprenticeship might be for you. Apprenticeship training allows you to learn the skills you need for a trade while working alongside qualified tradespeople. While a small portion of apprenticeship training is completed in a classroom, the majority of the training takes place in the actual workplace. Apprentices get the unique chance to "earn while they learn". As well, these trades often pay very well because of the unique skills required of the worker, and the Government of Ontario expects careers in the trades to continue to grow at a rapid pace.

For more information visit:  
[www.dsbn.org/TechEd](http://www.dsbn.org/TechEd)

## College

College is post-secondary education that you can attend after graduation from high school. You generally study for two or three years and concentrate on learning about a subject area that interests you. After graduating from college you will have a certificate or diploma, which will prepare you for a career in your area of study. To attend college you need to apply and then be accepted. Colleges use admission requirements to select students. Many colleges and universities have partnership programs that allow you to transfer between schools and receive credit for completed course work.

For more information visit:  
[www.ontariocolleges.ca](http://www.ontariocolleges.ca)

## Community

Some students will transition directly from secondary school into the community. The Specialized School to Community Program will assist students/families, employers and community agencies in developing a plan for each individual student as they move forward to community involvement. The alternative courses that are offered to students provide an opportunity to investigate ways to enhance their independence and work towards individual goals as outlined on each student's Individual Education Plan (IEP).

## University

University is post-secondary education that you can attend after graduation from high school. You generally study for four years and concentrate on learning about a subject area of interest to you. After graduating from university you will have a Bachelor's degree which will prepare you for a career in your area of study. You can also continue studying in university and earn a Master's degree or PhD (Doctorate), or attend college to pursue a more specialized education. To attend university you need to apply and then be accepted. Universities use admission requirements to select students.

For more information visit:  
[www.electronicinfo.ca](http://www.electronicinfo.ca)

## Workplace

You may choose to go to work directly after high school. High schools offer programs to prepare you for the world of work. Specific courses provide you with an opportunity to learn the essential skills necessary for success in the workplace. Some of the programs available to you are: Grade 9 "Take Our Kids to Work Day"; experiential learning opportunities; cooperative education courses; the Grade 10 Career Studies course and other guidance courses.

For more information visit:  
[www.jobgym.com](http://www.jobgym.com) and/or [www.youth.gc.ca](http://www.youth.gc.ca)

# Push Ahead

Keep steadily before you the fact that all true success depends at last upon yourself.

Theodore T. Hunger

## Choosing Your Courses by How You Learn Best

In Grades 9 and 10, four types of credit bearing courses are offered: academic, applied, essential and open courses. As well, there are non-credit bearing courses offered outside of the Ontario Curriculum to support students in the Specialized School to Community Program. Ask your teacher for assistance in choosing your courses or contact your high school Guidance Department and they will be able to advise you.

**Academic** courses focus on the fundamental principles of the discipline, explore related concepts, develop students' knowledge and skills by emphasizing theoretical, abstract applications of the essential concepts and incorporating practical applications. These courses lead to university and mixed level courses in Grades 11 and 12.

Grade 9 students in academic courses might:

- like to work independently
- enjoy understanding the "why's"
- think creatively and like to problem solve
- learn from a variety of sources
- develop ideas from research

**Alternative** (non-credit) 'K-Courses' offer students in the Specialized School to Community Program an opportunity to explore a variety of ways to develop their independence. Course content is developed based on the students' strengths and needs with an Individual Education Plan (IEP). The focus in all courses is to expand students' communication and interpersonal ability in conjunction with life skills. Emphasis is placed upon understanding basic concepts and developing the skills necessary to be successful in the community.

**Applied** courses focus on the foundation concepts of the discipline, develop students' knowledge and skills by emphasizing practical, concrete application of the concepts and focus on practical applications and examples. These courses lead to mixed and college level courses in Grades 11 and 12.

Grade 9 students in applied courses might:

- learn by doing
- develop new ideas from reading
- enjoy discussion
- share ideas and apply them to their own lives
- see connections to real life

**Essential** courses focus on essential skills, use relevant and practical activities that provide opportunities for students to develop their literacy, numeracy, problem solving, decision-making and communication skills. These courses lead to workplace level courses in Grades 11 and 12.

Grade 9 students in essential courses might:

- enjoy practical applications of learned skills
- enjoy a variety of activities
- benefit from additional reinforcement of concepts
- learn by doing

**Open** courses allow students to learn concepts and skills designed to prepare them for further study in the subject area. Expectations are designed to be appropriate for all students. Students can succeed with a variety of learning skills.

**\*Alternative (non-credit) and essential level courses are only available in Specialized School to Work and Specialized School to Community sites.**

# Q&A

## Can I change course types?

YES – You can change course types between Grades 9 and 10. You may have to complete some preparatory work to fill in gaps that will prepare you for success at the new level.

## Do all the courses I select have to be the same type? (e.g. academic, applied, essential or open)

NO – You are encouraged to take the types of courses that best suit your interests, goals, learning styles and learning needs.

## Is there somewhere or someone I can go to for help if I have questions about course selection?

YES – Your classroom teacher and Guidance Counsellors can assist you with selecting courses. You can also attend the high school Open House in January for assistance or call Guidance/Student Services at your local high school for more information. Don't forget that your parents/guardians will also be helpful in providing advice and assisting you with your planning.

## What is a timetable?

Every student will receive a timetable. It outlines a schedule of the student's courses (including the time, room number and teacher for each course) and lunch break. Generally courses are one period long and periods are 75 minutes in length.

## What subjects will I take in Grade 9?

All grade 9 students generally take the following five compulsory courses: English, French, Geography, Mathematics, and Science. In addition, students may choose up to three elective courses. Course availability for electives varies by school.

# Selecting Your Gr. 9 Courses

In January, you will start the on-line process at your elementary school. You will receive a personalized "ACCESS CARD" and assistance in the selection of courses.

At home, you can then review and select with your parent/guardian:

- 5 compulsory subjects and the level of study (Academic, Applied, or Essential)
- 3 electives
- 2 alternate courses (in case the electives cannot all be scheduled)

By clicking on 'Course Planner', you can select your courses for Grade 9 based on the school's Course Calendar. Once you have made your final selections, you will be prompted to submit them. You will then print the SIGN OFF sheet, have it signed by your parent/guardian, and hand it in to your teacher.

The screenshot shows a web-based 'Course Planner' interface. At the top, there are navigation tabs for 'Course Planner', 'Diploma & Certifications', and 'SHSM'. Below the navigation is a grid for selecting courses across four years: Year 9, Year 10, Year 11, and Year 12. The Year 9 column is highlighted with a dashed border, indicating it is the active selection year. The courses listed in the Year 9 column are: English (ENG1D1), Mathematics (MFM1P1), Science (SNC1P1), French (FSF1D1), Geography (CGC1D1), Elective #1 (TIJ1O1), Elective #2 (AVI1O1), Elective #3 (PPL1OM), Alternate (AMS1O1), and Alternate (BTT1O1). Each course has a '1' next to it, indicating one credit. The Year 10, 11, and 12 columns show pre-selected courses: English, Mathematics, Science, History, Career Studies, Civics, and Elective. The bottom of the interface shows a 'SUBMIT' button with a lock icon and a 'Credits: 8' indicator.

	Year 9	Year 10	Year 11	Year 12
English	English (ENG1D1) 1	English	English	English
Mathematics	Mathematics (MFM1P1) 1	Mathematics	Mathematics	Elective
Science	Science (SNC1P1) 1	Science	Elective	Elective
French	French (FSF1D1) 1	History	Elective	Elective
Geography	Geography (CGC1D1) 1	Career Studies	Elective	Elective
Elective #1	Elective #1 (TIJ1O1) 1	Civics	Elective	Elective
Elective #2	Elective #2 (AVI1O1) 1	Elective	Elective	Elective
Elective #3	Elective #3 (PPL1OM) 1	Elective	Elective	Elective
Alternate	Alternate (AMS1O1) 1	Elective	Credits: 0	Credits: 0
Alternate	Alternate (BTT1O1) 1	Credits: 0		
SUBMIT				
Credits: 8				

# Decoding Course Codes

# CONSTRUCT YOUR

Courses use a 6 character course code. The first 5 characters of the course code are set out by the Ministry of Education. The 6th character is a school indicator used to distinguish course characteristics (e.g., number of courses, specialized programs).

Take a look at the example below to understand your course codes.

## ENG

These 3 letters identify the subject

### Subject Codes

The first letter in the course code denotes the courses department area:

A = Arts  
B = Business  
C = Canadian & World Studies  
E = English  
F = French  
G = Guidance  
H = Humanities & Social Sciences  
L = International Languages  
M = Mathematics  
P = Physical Education  
S = Sciences  
T = Technological Studies

## 1

This number identifies the grade:

1 = Gr. 9  
2 = Gr. 10  
3 = Gr. 11  
4 = Gr. 12

## P

This letter identifies the stream/destination

GRADE 9 - 10  
D = Academic  
K = Alternative (non-credit)  
L = Locally Developed/Essential  
O = Open  
P = Applied

GRADE 11-12  
C = College  
E = Workplace  
K = Alternative (non-credit)  
M = University/College  
O = Open  
U = University

# “

The talent of success is nothing more than doing what you can do, well.

Henry W. Longfellow



Success is the sum of small efforts, repeated day in and day out.

Robert Collier

Start your future

## Understanding Your Timetable

Below is a timetable that represents what you might typically see at your high school. Periods are commonly 75 minutes long with a 5 minute break so you can get to your next class. School schedules will vary depending on busing and school community needs. Check with your high school for the specific schedule you will follow.

High schools follow a semester system. You will typically take four courses each semester. Several of our high schools follow a Multi-Subject Instructional Period (MSIP) schedule with a five period day. The example below follows a non-MSIP school day.

Semester 1: September – January

Semester 2: February – June

### Student Combined Timetable

Name: HARLEY, SHANNON L  
 Student Number: 354-575-328  
 Grade: 09

OEN:  
 Homeroom: SNC1D1-01

Track: Regular  
 Homeroom Teacher: Robertson, A.  
 Locker No.:

*1st Period Teacher*

Period	Day 1	Day 2	Period	Day 1	Day 2	Period	Day 1	Day 2	Period	Day 1	Day 2
Period 1 08:25-09:45 Sem. 1 Term 1	SNC1D1-01 Robertson, A.	SNC1D1-01 Robertson, A.	Period 1 08:25-09:45 Sem. 1 Term 2	SNC1D1-01 Robertson, A.	SNC1D1-01 Robertson, A.	Period 1 08:25-09:45 Sem. 2 Term 1	CGC1D1-03 Duncker, D.	CGC1D1-03 Duncker, D.	Period 1 08:25-09:45 Sem. 2 Term 2	CGC1D1-03 Duncker, D.	CGC1D1-03 Duncker, D.
Term 1	347	347	Term 2	347	347	Term 1	304	304	Term 2	304	304
Period 2 09:50-11:05 Sem. 1 Term 1	MPM1D1-01 Gamble, C.	MPM1D1-01 Gamble, C.	Period 2 09:50-11:05 Sem. 1 Term 2	MPM1D1-01 Gamble, C.	MPM1D1-01 Gamble, C.	Period 2 09:50-11:05 Sem. 2 Term 1	ENG1D1-02 Farquharson, L.	ENG1D1-02 Farquharson, L.	Period 2 09:50-11:05 Sem. 2 Term 2	ENG1D1-02 Farquharson, L.	ENG1D1-02 Farquharson, L.
Term 1	322	322	Term 2	322	322	Term 1	218	218	Term 2	218	218
Period 3 11:45-13:00 Sem. 1 Term 1	ADA1D1-01 Farquharson, L.	ADA1D1-01 Farquharson, L.	Period 3 11:45-13:00 Sem. 1 Term 2	ADA1D1-01 Farquharson, L.	ADA1D1-01 Farquharson, L.	Period 3 11:45-13:00 Sem. 2 Term 1	TJ1D1-03 Vajda, M.	TJ1D1-03 Vajda, M.	Period 3 11:45-13:00 Sem. 2 Term 2	TJ1D1-03 Vajda, M.	TJ1D1-03 Vajda, M.
Term 1	213	213	Term 2	213	213	Term 1	180	180	Term 2	180	180
Period 4 13:05-14:20 Sem. 1 Term 1	FSF1D1-02 Burns, R.	FSF1D1-02 Burns, R.	Period 4 13:05-14:20 Sem. 1 Term 2	FSF1D1-02 Burns, R.	FSF1D1-02 Burns, R.	Period 4 13:05-14:20 Sem. 2 Term 1	PPL1D1-02 Pendakis, K.	PPL1D1-02 Pendakis, K.	Period 4 13:05-14:20 Sem. 2 Term 2	PPL1D1-02 Pendakis, K.	PPL1D1-02 Pendakis, K.
Term 1	312	312	Term 2	312	312	Term 1	Gym A	Gym A	Term 2	Gym A	Gym A
Period 5 14:25-15:40 Sem. 1 Term 1			Period 5 14:25-15:40 Sem. 1 Term 2			Period 5 14:25-15:40 Sem. 2 Term 1			Period 5 14:25-15:40 Sem. 2 Term 2		
Term 1			Term 2			Term 1			Term 2		

*CLASS TIMES*  
*INCLUDES MUNCH*  
*COURSE CODE*  
*ROOM NUMBER*  
*TEACHER*

# Graduation Requirements

Ontario Secondary School Diploma (OSSD)

## The OSSD

The OSSD is the diploma that students work towards achieving in high school.

Every high school student must successfully complete the following requirements:

- 30 credits: 18 compulsory and 12 optional
- Ontario Secondary School Literacy Requirement
- 40 hours of Community Involvement

This table outlines a typical student's credit and credit total year by year:

	Gr. 9	Gr. 10	Gr. 11	Gr. 12
Yearly Credit Totals	8	8	8	6-8
Accum. Credits	8	16	24	30-32

## What do you need to graduate?

**18 compulsory credits**

Students must earn the following compulsory credits to obtain the Ontario Secondary School Diploma:

4	credits in English (1 credit per grade)*
3	credits in mathematics (1 credit in Grade 11 or 12)
2	credits in science
1	credit in Canadian history
1	credit in Canadian geography
1	credit in the arts
1	credit in health and physical education
1	credit in French as a second language
0.5	credit in career studies
0.5	credit in civics

Plus one credit from each of the following groups:

<b>New</b>	1	group 1: additional credit in English, or French as a second language,** or a Native language, or a classical or an international language, or social sciences and the humanities, or Canadian and world studies, or guidance and career education, or cooperative education***
<b>New</b>	1	group 2: additional credit in health and physical education, or the arts, or business studies, or French as a second language,** or cooperative education***
<b>New</b>	1	group 3: additional credit in science (Grade 11 or 12), or technological education, or French as a second language,** or computer studies, or cooperative education***

In addition, students must complete:

- ✓ 12 optional credits†
- ✓ 40 hours of community involvement activities
- ✓ the provincial literacy requirement

\*A maximum of 3 credits in English as a second language (ESL) or English literacy development (ELD) may be counted towards the 4 compulsory credits in English, but the fourth must be a credit earned for a Grade 12 compulsory English course. \*\*In groups 1, 2, and 3, a maximum of 2 credits in French as a second language can count as compulsory credits, one from group 1 and one from either group 2 or group 3. \*\*\*A maximum of 2 credits in cooperative education can count as compulsory credits. †The 12 optional credits may include up to 4 credits earned through approved dual credit courses.

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# For Parents/Guardians: Success in High School

Below are three important skills necessary for student success. For each skill, recommendations are outlined, followed by early warning signs which may lead to difficulty, and finally, recommended strategies for improvement.

## 1. Attendance

Recommendations:

- Students attend school each day.
- Students arrive to class on time.

Warning Signs:

- Your child is missing school.
- Your child's report card shows more absences than you expected.

Strategies:

- Discuss your child's attendance record with the school administration and plan to ensure regular attendance.
- If your child is absent, ensure work is brought home, completed, and submitted.

## 2. Homework

Recommendations:

- Grade 9-10 students may spend 30 to 90 minutes per day on homework.
- Students complete and submit all assignments for evaluation.

Warning Signs:

- Your child is not doing homework. You do not see your child doing homework regularly or your child says "I don't have any homework" on a regular basis.

Strategies:

- Call the school or teacher and get more information about the situation.
- Encourage your child to read and study for the recommended time each day.

## 3. Time Management & Organization

Recommendations:

- Students take accurate notes and keep binders well organized.
- Students use an agenda to plan for assignments, projects, tests, and extracurricular activities.
- Students manage their study time so that they are preparing well in advance of tests and exams.

Warning Signs:

- Your child does not have or use an agenda.
- Your child's notebooks are disorganized or appear incomplete.

Strategies:

- Obtain an agenda for your child.
- Talk with your child to set up a time management and organizational plan.
- Monitor the use of the agenda and notebooks.

# Help and Support

## Guidance/Student Services

Provides support with academic, career and personal development of all students. Guidance Counsellors will assist you with course selections that will meet your interests and academic goals throughout high school. They will be visiting your school and/or classroom before your course selections are due and will be happy to answer all of your questions. Visit the DSBN Guidance and Career Education website:

[www.dsbn.org/schools/supportservices/Curriculum/Guidance/default.html](http://www.dsbn.org/schools/supportservices/Curriculum/Guidance/default.html)

## Student Success Teacher

Student Success is about helping all students achieve their potential. Every one of our high schools has a Student Success Teacher who is able to work with students that require extra support or alternatives to a regular classroom setting.

## Special Education Resource Teacher

Each school has a Special Education Resource Teacher (SERT) who can help with the academic planning for students with an Individual Education Plan (IEP). Classroom Teachers work with the SERT to provide accommodations and supports for students.

## Youth Counsellor

Each high school has a Youth Counsellor that you can talk to if you are having difficulties adjusting to your new environment or facing challenges at home or at school. Make sure to reach out to someone if you are anxious and need to talk.

## Library Services

Library Services provide students with print, computer and electronic resources for support with your academic work. There is a librarian available to help you find the right information for your projects or assignments.

## Public Health Nurse

A Public Health Nurse is available (at your school on a weekly basis) to help you if you have a health concern, need advice or have trouble understanding how to properly take any prescribed medications.

# SHARPEN

“

To practice any art, no matter how well or badly, is a way to make your soul grow. So do it.

Kurt Vonnegut

# YOUR

# PENCIL

# Facts and Myths

Starting high school is really exciting and a bit nerve-racking too. You're pretty sure it's going to be great, but who hasn't heard a story or two? Here are some answers to what might be on your mind.

## ***The school is so big, I'll get totally lost!***

The first couple of days might be a little confusing, but just remember that everyone figures it out eventually. Ask an adult or another student if you are unsure. They will be glad to help you find your way.

## ***I'm worried that I won't do well in my classes.***

The work you do in Grade 9 will build on what you already learned in Grade 8. Take classes that interest you so you stay focused. If you don't understand something, ask the teacher or someone else in the class. Don't be shy about asking, since there are probably other people in the class who are wondering the same thing.

## ***I heard there will be lots of homework. How will I ever get it done?***

In high school, you should expect to have some homework every night. You could be working on assignments or studying for tests. Use your student planner to keep track of when your assignments are due, and get started on them early. A good way to get ready for high school homework is to develop some good study habits now.

## ***Should I be worried about initiation?***

There is no initiation. Orientation activities are planned to welcome you to your school and help you get to know new people.

## ***What if I get bullied at school?***

The District School Board of Niagara takes bullying very seriously. Walk away from the situation if it happens to you. Don't hit back, talk back, text, instant message or email back. Tell an adult you trust so they can take action.

## ***What about dress codes and codes of conduct?***

Each high school publishes school dress codes and codes of conduct.

# Glossary of Terms

**Community Involvement Hours:** Students must complete 40 community involvement hours as part of their OSSD requirement. Information on what is considered suitable to count as community involvement hours will be described by Student Services when you start high school. Grade 8 students can complete their hours prior to entering high school.

**Compulsory Course:** This is a specific course a student must take and it fulfills a part of the diploma requirements.

**Course Calendar:** The District School Board of Niagara Course Calendar describes courses available to you, diploma requirements, etc. It has a lot of information for you and your parents/guardians. It can be found at: <http://www.dsbni.org>. Note that not all schools offer every course.

**Course Code:** All high school courses are indicated by a course code found in the course calendar. For example, Grade 9 Academic English is coded ENG 1D.

**Credit:** A credit is granted upon successful completion of a 110 hour course with a minimum Grade of 50%.

**Elective Course:** Students will select 12 elective courses during their time in high school that are of specific interest to them and that will count toward their 30 credit diploma requirement.

## **EQAO Grade 9 Assessment of Mathematics:**

All students enrolled in a Grade 9 Academic or Applied mathematics course are required to write this assessment. The assessment is written toward the end of the semester and covers content from all strands of the course.

**Ontario High School Diploma (OSSD):** Students will earn an OSSD by earning a minimum of 30 credits (including 18 compulsory and 12 elective credits) as well as fulfilling the literacy and community involvement requirements.

## **Ontario High School Literacy Test (OSSLT):**

The literacy test is written in Grade 10. Students who are unsuccessful on the OSSLT may complete the provincial literacy requirement by successfully completing the Ontario Literacy Course (OLC 30 and OLC 40). A student must meet the provincial literacy requirement to earn an OSSD.

In preparation for the OSSLT, Grade 9 students will take a practice test.

**Prerequisite:** A prerequisite course is a course that you must pass before moving on to the next level. For example, you must pass Grade 9 English before you take Grade 10 English.

**Timetable:** Every student will receive a timetable. This is a schedule of your courses and lunch breaks. It outlines the time, room number and teacher for each course.



**A. N. Myer**  
6338 O'Neill St., Niagara Falls  
(905) 358-5753  
[anmyer.dsbm.org](http://anmyer.dsbm.org)



**Beamsville District**  
4317 Central Ave., Beamsville  
(905) 563-8267  
[beamsvilles.dsbm.org](http://beamsvilles.dsbm.org)



**DSBN Academy**  
20 Duncan St., Welland  
(905) 735-5764  
[academy.dsbm.org](http://academy.dsbm.org)



**E. L. Crossley**  
350 Highway #20, Fonthill  
(905) 892-2635  
[elcrossley.dsbm.org](http://elcrossley.dsbm.org)



**Eastdale**  
170 Wellington St., Welland  
(905) 734-7458  
[eastdale.dsbm.org](http://eastdale.dsbm.org)



**Eden High**  
535 Lake St., St. Catharines  
(905) 646-9884  
[eden.dsbm.org](http://eden.dsbm.org)



**Fort Erie**  
7 Tait Ave., Fort Erie  
(905) 871-4610  
[fess.dsbm.org](http://fess.dsbm.org)



**Governor Simcoe**  
15 Glenview Ave., St. Catharines  
(905) 934-4006  
[govsimcoe.dsbm.org](http://govsimcoe.dsbm.org)



**Grimsby**  
5 Boulton Ave., Grimsby  
(905) 945-5416  
[grimsbyss.dsbm.org](http://grimsbyss.dsbm.org)



**Laura Secord**  
349 Niagara St., St. Catharines  
(905) 934-8501  
[laurasecord.dsbm.org](http://laurasecord.dsbm.org)



**Port Colborne**  
211 Elgin St., Port Colborne  
(905) 835-1186  
[porthigh.dsbm.org](http://porthigh.dsbm.org)



**Ridgeway-Crystal Beach**  
576 Ridge Rd., Ridgeway  
(905) 894-3461  
[ridgewaycrystalbeach.dsbm.org](http://ridgewaycrystalbeach.dsbm.org)



**Sir Winston Churchill**  
101 Glen Morris Dr., St. Catharines  
(905) 684-6349  
[sirwinston.dsbm.org](http://sirwinston.dsbm.org)



**South Lincoln**  
260 Canborough St., Smithville  
(905) 957-3359  
[southlincoln.dsbm.org](http://southlincoln.dsbm.org)



**Stamford Collegiate**  
5775 Drummond Rd., Niagara Falls  
(905) 354-7409  
[stamford.dsbm.org](http://stamford.dsbm.org)



**St. Catharines Collegiate**  
34 Catherine St., St. Catharines  
(905) 687-7301  
[collegiate.dsbm.org](http://collegiate.dsbm.org)



**Thorold**  
50 Ormond St., N., Thorold  
(905) 227-1188  
[tss.dsbm.org](http://tss.dsbm.org)



**Welland Centennial**  
240 Thorold Rd., West Welland  
(905) 735-0700  
[centennial.dsbm.org](http://centennial.dsbm.org)



**Westlane**  
5960 Pitton Rd., Niagara Falls  
(905) 356-2401  
[westlane.dsbm.org](http://westlane.dsbm.org)

DSBN.ORG

# GOVERNOR SIMCOE SECONDARY SCHOOL



CREATE YOUR FUTURE @ GOVERNOR SIMCOE

## SCHOOL COUNCIL



### WOULD YOU BE INTERESTED IN PARTICIPATING ON THE SCHOOL COUNCIL?

Meetings will be held on the second  
Tuesday of the following months:

- October
- December
- February
- April
- June

Meetings are held in the school staff  
room at 6:30 p.m.

A typical Meeting consists of:

- Principal's/Vice-Principal's report on recent activities and upcoming events, various issues affecting the school community
- Student Council report on activities
- Questions/recommendations regarding initiatives
- Presentations from teachers/community partners

To be an informed parent, please join us.  
Together, we can make a difference!  
Contact the school to express interest and  
get more information.



### GOVERNOR SIMCOE SECONDARY SCHOOL

15 Glenview Ave.  
St. Catharines, ON L2N 2Z7  
905-934-4006 (Phone)  
905-934-3389 (Fax)  
Email: [GSS@dsbn.org](mailto:GSS@dsbn.org)  
Website: [govsimcoe.org](http://govsimcoe.org)

### SCHOOL COUNCIL MEMBERS 2012-2013

- Chair – Susan Jonsson-Ninniss
- Member – Barbara Bartlett
- Member – Melanie Brown-Robson
- Member – Don Mason
- Member – Kathryn Mason
- Member – Karen Mowder
- Member – Anne Smallman
- Principal – Rick Karr
- Vice-Principal – Rosemary Jellinck
- Student Rep. – Miranda Wayland

**GOVERNOR SIMCOE**

**JOHN GRAVES SIMCOE**  
CLASS OF 1779 - LIEUTENANT GOVERNOR OF UPPER CANADA

**COURAGE**  
Completed the 12th Regiment of Foot at the battle of...  
Sought to form a loyalist militia in the 1790s but instead...  
Completed the Queen's Road and some expeditions during...  
during the American Revolution.

**PERSEVERANCE**  
Fought against malaria and assisted the first Governor...  
Governing Canada in 1800 and the election of 1810...  
Governing Canada in 1805.

**RESPECT**  
Three months in 1800 of holding affairs, health and a...  
and a... school in 1801 have all been named in his honor...  
Called upon by his superior because of his skills in the...  
military and afterwards by the Parliament of Great Britain.

**RESPONSIBILITY**  
Lieutenant Governor of Upper Canada from 1796 to 1800...  
Both Young and Dundas efforts to support the military...  
and the... Canada in 1800 and the...  
and the American Revolution.

In a letter dated 1791, the Duke of Northumberland called John Graves Simcoe "brave, humane, sensible and honest."  
This is his story... What's yours?

**OUR TRADITION IS BUILDING YOUR FUTURE**  
LEARNING CREATIVITY WELL-BEING TECHNOLOGY



## OBJECTIVES

- Our objectives are to:
- Improve education for all students
  - Support a safe, healthy environment for all students
  - Advise the Principal and the Board
  - Be aware of the Provincial policies, Board policies, and educational issues
  - Share information and make informed decisions
  - Keep GOVERNOR SIMCOE parents informed

## OUR MISSION

In a safe, caring and familial atmosphere, GOVERNOR SIMCOE will graduate individuals, who advocate concern for the environment; who are able to adapt to accelerating change; who strive for excellence; who explore a broad knowledge base with a global perspective; who take pride in exemplary personal deportment. All students will be prepared either for post-secondary education or the world of work. Students-at-risk will be afforded all resources possible to retain their presence in the school.



## GOVERNOR SIMCOE GOAL

Our goal is to develop responsible, well educated, well-rounded, productive citizens of not only this community, but Canadian society as a whole. We believe that we can be successful in the achievement of this goal with the continued involvement of parents and teachers. It is important to work together to create the supportive learning environment which is so necessary to achieve student academic success.

## ADVICE TO THE PRINCIPAL/ BOARD

The major influence for the school council's recommendation is always what is best for our GOVERNOR SIMCOE students in terms of health, safety, well-being and ultimate success.



## PURPOSE OF SCHOOL COUNCIL

Through active participation of parents the purpose of the Governor Simcoe School Council is to improve student achievement, and enhance the accountability of the education system to GOVERNOR SIMCOE parents. The primary way to achieve this is to provide recommendations to the GOVERNOR SIMCOE Principal and the District School Board of Niagara. The School council may make recommendations to the Principal or to the board on any matter except personal matters or matters the Board is required to deal with at closed meetings. Meaningful involvement of the school council not only assists the school in improving student achievement, it enhances relationships between the school and the community.



## OUR COMMUNITY PARTNERS

GOVERNOR SIMCOE has a strong network of community partners who promote student wellness and support school programs. These partners include Public Health, Niagara Regional Police, our local business community, and friends and alumni of GOVERNOR SIMCOE.





**It's your  
future.....  
make it your  
business!!!**

## **\*Business Studies\***

The Business Studies Program will build a strong foundation for those who wish to move on to further study and training in specialized areas such as management, sports and entertainment marketing, international business, accounting, marketing, economics, information technology, computer applications, or entrepreneurship, finance and more! It will also provide the practical skills that are necessary for those who wish to move directly into the workplace.

### **Experience the real world of Business!**

Join us on field trips to:

- The Blue Jays
- Youth University Leadership Camp
- Brock University CMA Competition
- And more!!!



### **Become a member of our DECA Business Team!!**

- DECA prepares emerging leaders and entrepreneurs for careers in marketing, finance, hospitality and management in high schools, colleges and universities around the world.



## **Computer Apps!!! BTT 101 or BTT 201**

This course introduces students to computer applications in a business environment and builds a foundation of digital literacy skills necessary for success in a technologically driven society. Students will develop word processing, spreadsheet, database, desktop publishing, presentation software, and website design skills as well as explore a variety of web-based applications that can be applied for increased productivity and success in all disciplines. Throughout the course, there is an emphasis on digital literacy, effective electronic research and communication skills, and current issues related to the impact of information and communication technology.

### **Students will study:**

#### ❖ **Productivity Software**

- Word Processing
- Spreadsheet
- Database

#### ❖ **Design Software**

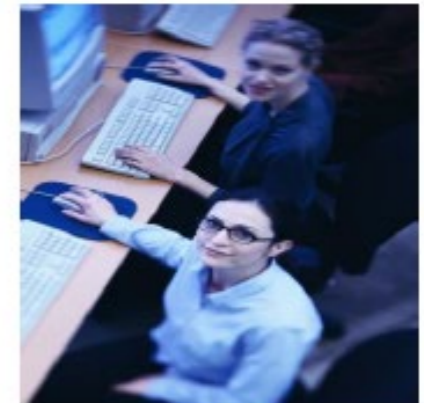
- Presentations
- Desktop Publishing
- Web Page Development

#### ❖ **Business Communications**

- Business Communication Standards
- Electronic Communication
- Portfolio

#### ❖ **Ethics and Issues in Information and Communication Technology**

- Legal, Social, and Ethical Issues
- Privacy and Security Issues
- Health and Environmental Issues



***This course is strongly recommended for all students.***



# Introduction to Business

## BBI 101 or BBI 201

This course introduces students to the world of business. Students will develop an understanding of the functions of business, including accounting, marketing, information and communication technology, human resources, and production, and of the importance of ethics and social responsibility. This course builds a foundation for further studies in business and helps students develop business knowledge and financial literacy skills they will need in their everyday lives.

### Students will study:

#### ❖ Business Fundamentals

- Economics
- Types of Businesses
- Business Ethics and Social Responsibility
- International Business

#### ❖ Functions of a Business

- Production
- Human Resources
- Management
- Accounting
- Marketing
- Use of Computers/Technology in Business

#### ❖ Finance

- Income Management
- Banking
- Investing
- Credit

#### ❖ Entrepreneurship

- Characteristics, Skills, and Contributions
- Invention and Innovation



### Business Education Courses At Governor Simcoe 2013/2014

Grade 9	BTT 1O	Computer Apps
	BBI 1O	Introduction to Business
Grade 10	BTT 2O	Computer Apps
	BBI 2O	Introduction to Business
Grade 11	BAF 3M	Financial Accounting Fundamentals
	IDC 3O1	Sports & Society
	BMI 3C	Marketing: Goods, Services & Events
Grade 12	BAT 4M	Financial Accounting Principles
	BBB 4M	International Business Fundamentals
	BOH 4M	Business Leadership: Management Fundamentals
	BOG 4E	Business Leadership: Becoming a Manager
	IDC 4O	Sports & Entertainment Marketing

*Students will receive a Business Endorsement Certificate upon the completion of 5 Business Education Courses.*



# English Department

## Welcome

An English class at Governor Simcoe invites you to experience the world from a variety of perspectives. Our goal is to present ideas to students in exciting, appealing and thought-provoking ways.

### APPLIED ENGLISH

- Pathway to college, trades or the workplace \*
- Units include film study, graphic novels, newspaper analysis, biographies, and mythology
- Writing development including paragraphs, opinion pieces and creative writing
- Focus on language conventions and usage
- Focus on personal publishing using contemporary technology including Glogster, Prezi, Bitstrips, Wikis, Blogs and Youblisher
- Emphasis on preparation for the grade 10 literacy test
- Independent work encouraged through MSIP and homework
- Identification of literary devices and techniques

### ACADEMIC ENGLISH

- Pathway to university \*
- Units include short fiction, poetry, plays, novels, non-fiction, media analysis and mythology
- Writing development including paragraphs, essays and creative writing
- Focus on language conventions and usage
- Focus on personal publishing using contemporary technology including Glogster, Prezi, Bitstrips, Wikis, Blogs and Youblisher
- Emphasis on preparation for the grade 10 literacy test
- Independent work expected through MSIP and homework
- Analysis of literary devices and techniques

\* Stream changes can occur at any point, according to individual needs \*

## Exciting Opportunities

**DSBN Written Word Festival**  
Students participate in a variety of workshops

**DSBN Spoken Word Festival**  
Students participate in a variety of workshops

**Theatre Trips**  
Annual trips to see current films, and productions including Stratford and Shaw Festivals

**Technological Classrooms**  
All English classes have access to wi-fi, LCD projectors, and class websites

**Writing Contests**  
Students enter creative and non-fiction pieces in multiple contests

**Cinema Club**  
Students meet weekly to watch thought-provoking, award-winning films.

**Simcoe Words**  
A weekly book club discussing high interest novels chosen by you

**Partners in Literacy**  
Access to senior student literacy mentors for weekly tutoring and organization

## OSSLT Preparation

**GSSS Literacy Road Show**  
Specific mentoring of the various elements of the test, including tips on writing and how the test will be evaluated

**Grades 9 & 10 Practice Test**  
Practice test: An assessment opportunity designed to prepare students for success on the OSSLT

**Drop Everything And Read**  
A weekly reading opportunity to encourage the development of reading skills and a love for the written word

**After Hours Literacy Program**  
After Hours literacy program for any students who require additional preparation for the OSSLT



## Optional English Courses

“The more that you read, the more you will know. The more that you learn, the more places you’ll go.”  
~ Dr. Seuss

GRADE 11	English Media Studies
GRADE 11	Literacy Course
GRADE 12	Literacy Course
GRADE 12	Writer’s Craft
GRADE 12	Studies in Literature
GRADE 12	Partners in Literacy

## Our Resources



# Family Studies

*A place to learn & grow together.*



*Governor Simcoe Secondary School*

Understanding Yourself & Others



Governor Simcoe Secondary School  
FAMILY STUDIES  
15 Glenview Avenue  
St. Catharines, Ontario  
L2N 2Z7  
Phone: (905) 934-4006  
Fax: (905) 934-3389  
Email: [Charlie.Peck@dsbn.org](mailto:Charlie.Peck@dsbn.org)  
[Allison.Pay@dsbn.org](mailto:Allison.Pay@dsbn.org)

FAMILIES & INDIVIDUALS  
LIFE MANAGEMENT  
HUMAN BEHAVIOUR  
HUMAN DEVELOPMENT  
RELATIONSHIPS  
PARENTING  
ANTHROPOLOGY  
PSYCHOLOGY  
SOCIOLOGY  
FAMILY ECONOMICS  
FOOD & NUTRITION  
CONSUMER STUDIES

## Courses

### HIF 101 – Gr. 9 Family Studies

Do you want to learn more about yourself and make informed decisions, learn to communicate and get along with others?

This course will help you gain insight into many aspects of yourself and your relationships.

*\*You can take this course in grade 9 or 10.*

### Gr. 10 & Gr. 12 - Food & Nutrition

Do you enjoy learning about nutrition, meal planning and issues related to food sciences?

The grade 10 course explores our choices and current issues related to eating and health such as body image, fad diets, eating disorders and nutrition. It also covers topics such as marketing and production in the food industry and cultural and global trends. In addition to these issues, you will gain practical cooking skills and learn your way around the kitchen!

The grade 12 course takes these issues a step further by examining various nutritional, psychological, social, cultural and global factors that influence people's food choices and customs.

### HPC 301 - Parenting:

Do you want to learn more about children and the skills that parents (even yours) should have?

This course will help you gain skills and knowledge about the most important role many of us will play in life-a parent! You will learn how to nurture children with proper guidance and positive discipline. Additionally, you will learn to communicate with and understand children with an emphasis on the importance of the early years of life.

*\*This is a Grade 11 course.*



### HSP 3M1 -

#### Introduction to Anthropology, Psychology & Sociology

Do you want to observe people's behaviour and learn why they behave the way they do?

This course will help you to understand the basis of human behavior through examining theories used in anthropology, psychology, and sociology. You will also investigate and explain shifts in knowledge, attitudes, beliefs and their impact on society. Some topics covered in this course are human communication, criminal behavior, social institutions, abuse and controversial issues such as the death penalty.

*\*This is a Grade 11 course.*



## Real life connections Real life solutions

Social Sciences, Parenting, Food & Nutrition



### HHS 4M1 – Individuals & Families in a Diverse Society

Do you want to learn about relationships, how to prevent divorce, and how to choose the "perfect" life partner someday?

This course will help you to reflect upon yourself and gain insight into your family and life experiences. You have a unique chance to examine topics related to individuals and families in our society using popular theorists' perspectives. Specifically, you will learn about the function of families, family relationships, friendships, intimate relationships, changing family types in our diverse and evolving society and how to budget your money and manage your life as a young adult.

*\*This is a Grade 12 course*



### HSB 4M1 – The Challenge and Change in Society

Are you interested in societal issues that have changed the course of the human race?

This course examines the changes in history that have influenced human behavior and societal changes in every day people, families and social systems.

If you are interested in entering the human services field of any kind, this would be an excellent course for you!

*\*This is a Grade 12 course*

## Looking for something meaningful?

Sign up for a Family Studies course at Governor Simcoe!

It will change your high school experience and, perhaps, will give you a new perspective worth learning for.



## FAMILY STUDIES

- Promotes the family as a focus for learning
- Builds positive self-esteem
- Promotes healthy relationships
- Teaches parenting skills
- Teaches time management
- Teaches money management
- Trains students to become effective family leaders and contributors to society
- Promotes healthy lifestyle choices
- Teaches communication skills



# GOVERNOR SIMCOE SECONDARY SCHOOL GEOGRAPHY DEPARTMENT



## SIMCOE GEOGRAPHY AFTER GRADE 9

### Physical Geography – CGF 3M

- open to students in grade 10, 11 and 12 who have completed Grade 9 at the academic level
- recommended to all students planning on going to university
- can be used as a senior social science context credit required for graduation

### Travel & Tourism – CGG 3O

- open to all students in grade 10, 11, and 12 who have completed Grade 9 geography at the academic or applied level
- optional trip usually conducted in the fall
- can be used as a senior social science context credit required for graduation

### World Issues – CGW 4U

- open to students planning on going to university to study the social sciences
- excellent preparation course for university
- can be used as a senior social science context credit required for graduation

### Environmental Studies and Resource Management – CGR 4M

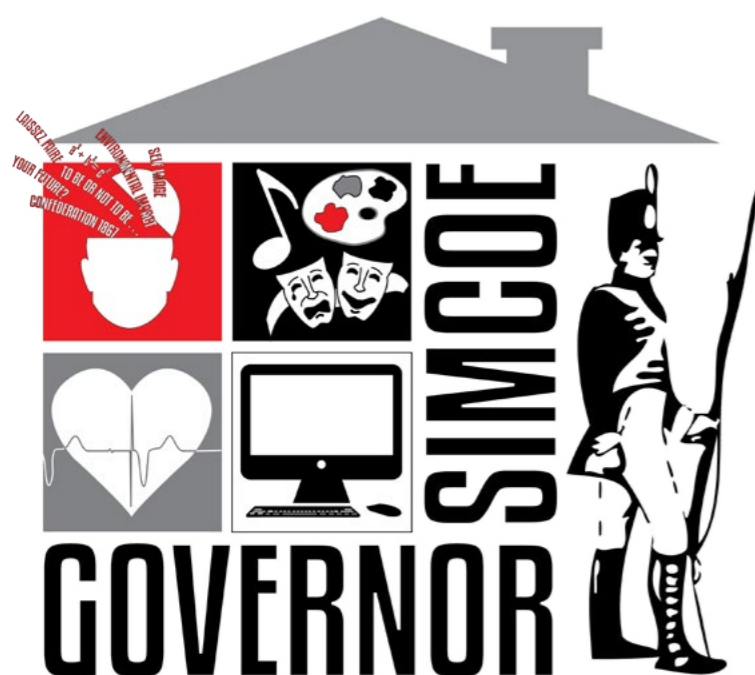
- open to all students planning on taking Environmental Studies at college or university
- excellent preparation course for university or college
- can be used as a senior social science context credit required for graduation

### Environmental Studies and Resource Management – CGR 4E

- open to all students going to college or straight to the workforce
- can be used as a senior social science context credit required for graduation

# Governor Simcoe Secondary School

## Health and Physical Education Program



15 Glenview Ave.

St. Catharines, Ontario

L2N 2Z7

*Effective September 2007, students may take more than one Healthy Active Living Education course for credit in each of grades 9, 10, 11, and 12.*

### Health and Physical Education Cooperative Education Program

Health and Physical Education courses will be of interest to students considering careers in education, personal fitness training, sports management, kinesiology, nursing, physiotherapy, teaching, social work, and recreation therapy.

#### SAMPLE GRADE 9 EVALUATION

<u>Active Participation</u>	40%
Readiness for Participation	
Active Participation	
Positive Interaction	
<u>Skill Demonstration</u>	20%
Movement Skills and Principles	
Specific Rules and Understanding for Participation	
Demonstrate Strategies or Tactics that Enhance Performance	
Social Interaction and Cooperation	
<u>Health Tests and Assignments</u>	20%
Substance Use and Abuse	
Heart Health and Healthy Eating	
Human Growth and Sexuality	
<u>Personal Fitness</u>	10%
Fitness Training and Tracking	
Demonstrated Achievement and Effort	
<u>Summative Evaluation</u>	10%
Personal Fitness Profiles	
Summative Assessment Assignments	
<b>Total</b>	<b>100%</b>

# Governor Simcoe Secondary School

### Principal

Mr. Rick Karr

### Vice Principal

Mrs. Rosemary Jellinck

### Health and Physical Education Department

Ms. Jill Stiefelmeyer

Mrs. Sherrie Davis-Thompson

Mr. John Dakin

Mr. Tom Grantis

Mr. Jamie Brophy

**If you have any questions please  
contact us:**

Phone: 905-934-4006

Fax: 905-934-3389

E-mail: [gss@dsbn.edu.on.cs](mailto:gss@dsbn.edu.on.cs)

## Grade 9

### **PPL 10M/F Healthy Active Living Education (Open)**

This course emphasizes regular participation in a variety of enjoyable physical activities that promote lifelong healthy active living. Students will learn movement skills and principles, ways to improve personal fitness and physical competence, and safety and injury prevention. They will investigate issues related to healthy sexuality and the use and abuse of alcohol, tobacco, and other drugs and will participate in activities designed to develop goal-setting, communication and social skills.

## Grade 10

### **PPL 20M/F Healthy Active Living Education (Open)**

This course emphasizes regular participation in a variety of enjoyable physical activities that promote lifelong healthy active living. Student learning will include the application of movement principles to refine skills and participation in a variety of activities that enhance personal competence, fitness, and health. Students will examine issues related to healthy sexuality, healthy eating, substance use and abuse and the use of informed decision making, conflict resolution and social skills in making

## Grade 11

### **PPL 30M/F Healthy Active Living Education (Open)**

This course focuses on the development of a healthy lifestyle and participation in a variety of enjoyable physical activities that have the potential to engage students' interests throughout their lives. Students will be encouraged to develop personal competence in a variety of movement skills, and will be given opportunities to practice goal-setting, decision making, coping, social and interpersonal skills. Students will also study the components of healthy relationships, reproductive health, mental health,

### **PAF 30M Boys' Super Fit (Open)**

Student learning will focus on the development and maintenance of a personal fitness program, primarily through weight training and aerobic fitness, designed to meet a male student's specific fitness requirements. Sport specific training routines can be developed, if desired.

### **PAF 30F Girls' Super Fit (Open)**

Student learning will focus on the development and maintenance of a personal fitness program primarily through weight training and aerobic fitness, designed to meet a female student's specific fitness requirements. Sport specific training routines can be developed and dance elements may be incorporated.

## Grade 12

### **PPL 401 Healthy Active Living Education (Open)**

This course focuses on the development of a personalized approach to healthy active living through participation in a variety of sports and recreational activities that have the potential to engage students' interest throughout their lives. Students will develop and implement personal physical fitness plans. In addition, they will be given opportunities to refine their decision-making, conflict-resolution, and interpersonal skills, with a view to enhancing their mental health and their relationships with others.

### **PSE 4U1 Exercise Science (University)**

This course focuses on the study of human movement and of systems, factors, and principles involved in human development. Students will learn about the effects of physical activity on health and performance, the evolution of physical activity and sports, and the factors that influence an individual's participation in physical activity. The course prepares students for university programs in physical education, kinesiology, recreation and sports administration.

### **PAF 40M Boys' Super Fit (Open)**

This course is an extension of the Grade 11 Boys' Super Fit - Open course, whereby students continue to develop and maintain a personal fitness program through weight training and aerobic fitness activities.



# Smarter Science at Governor Simcoe Secondary School



## Goals of the Governor Simcoe Science Department

- to relate science to technology, society, and the environment
- to develop the skills, strategies, and habits of mind required for scientific inquiry
- to understand the basic concepts of science
- to improve students' inquiry and critical thinking skills through **Smarter Science**

## What is Smarter Science?

Smarter Science is an open-source, engaging framework for teaching and learning science in grades 1-12 and for developing the skills of inquiry, creativity and innovation in a meaningful and engaging manner.



## Resources:

Ministry of Education Science  
Curriculum Page:

<http://www.edu.gov.on.ca/eng/curriculum/secondary/science.html>

**Smarter Science Website:**

<http://smarterscience.youthscience.ca/>



## Contacts:

For more information about  
Governor Simcoe's Science Department  
please contact

Marni MacDonald  
(Head of Science)

905-934-4006  
Ext. 62165



## BIOLOGY

**T**he study of living things.

- **Grade 9 (P and D)** Students learn about the impact of human activity on the environment through investigations such as **field trips to study local ecosystems** and **designing their own sustainable ecosystems**.
- **Grade 10 (P and D)** Students will learn about tissues, organs and systems of living things. A highlight of the course will be **computer and/or laboratory dissections of plants, worms, fish, and /or frogs**.
- **Grade 11 (C and U)** Students learn about the form and function of all living things. Highlights include **dissecting fetal pigs and/or rats**, examining **real hearts** and **blowing up real lungs**.
- **Grade 12 U** Students can experience **hands-on** as they further their **inquiry skills in designing, performing, and reporting on scientific investigations**. Students enjoy **extracting DNA** from their own cells and investigating their own rates of respiration through **titration**.



## CHEMISTRY

**M**atter comes to life through the magic of chemistry.

- **Grade 9 (P and D)** Students learn about matter and chemical reactions through many **hands on labs and demonstrations**. Emphasis is placed on **lab safety** and scientific literacy.
- **Grade 10 (P and D)** Students continue to study atoms, molecules and chemical processes through lab activities such as **flame tests, building molecular models, and testing household products** with acid-base indicators.
- **Grade 11 U and Grade 12 (C and U)** Students will be introduced to **more advanced techniques and equipment** such as **titrations** and using **micropipettes**. Students enjoy creating esters (**fragrances**) and **making soap and bath bombs**.



## PHYSICS

**E**nergy, forces and motion alive!

- **Grade 9 (P and D)** Students enjoy learning about electricity through building circuits and **wiring model houses/ game boards**. Emphasis is on the social, economic, and environmental implications of the use of electrical energy.
- **Grade 10 (P and D)** Students will study light and geometric optics through the use of ray boxes, lasers, mirrors and other technological devices that use light. **Making their own pinhole cameras** will be a highlight.
- **Grade 11 U and Grade 12 C** Students enjoy learning about forces, motion, and energy through labs such as: **designing and building trebuchets; and building rockets, musical instruments and bridges**.
- **Grade 12 U** Some highlights of this course include working with **lasers**, analyzing **collisions** and participating in **Canada Wonderland's Roller Coaster Physics Day**.





**TECHNOLOGY**

**AT GOVERNOR SIMCOE!**

**TIJ 101**

**THE ADVENTURE**

**BEGINS!**

**HIGHLY RECOMMENDED FOR  
YOUR FUTURE**

**YOUR FUTURE  
STARTS HERE**

**STUDENTS WHO HAVE TAKEN GRADE 9  
TECHNOLOGY HAVE GONE ON TO CAREERS IN**

**ENGINEERING  
COMPUTER ENGINEERING  
MANUFACTURING  
PRINT AND GRAPHIC DESIGN  
ARCHITECTURAL DESIGN  
WEB DESIGN  
VIDEO, TV AND FILM  
PRODUCTION**

**IT IS YOUR CHANCE TO START  
THINKING ABOUT YOUR  
CAREER PATH TO BUILD JOB  
SECURITY**

# BUILD! DESIGN! CREATE!

COURSES IN GRADE 10

COMPUTER ENGINEERING

MANUFACTURING

PRINT AND GRAPHICS

TECHNOLOGICAL DESIGN

TV, VIDEO, FILM

TEJ201

TMJ201

TGJ20G

TDJ201

TGJ20M

**ROCKETS!**



**IN A FULL**



**MAC LAB**

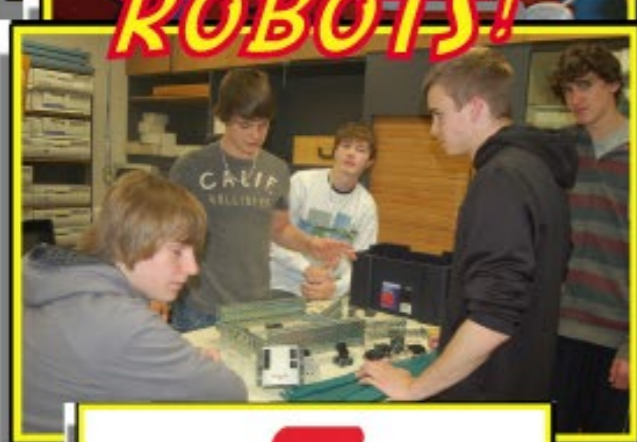
**LEARN ABOUT:**

- CAREER CHOICES
- COMPUTER LITERACY
- THE PROCESS OF DESIGN
- CONSTRUCTION TECHNIQUES
- HOW TO USE TOOLS
- MEDIA IN SOCIETY

LEARN HOW TO APPLY AND USE THE KNOWLEDGE GAINED IN COURSES SUCH AS:

- SCIENCE
- MATH
- ENGLISH
- BUSINESS

**ROBOTS!**

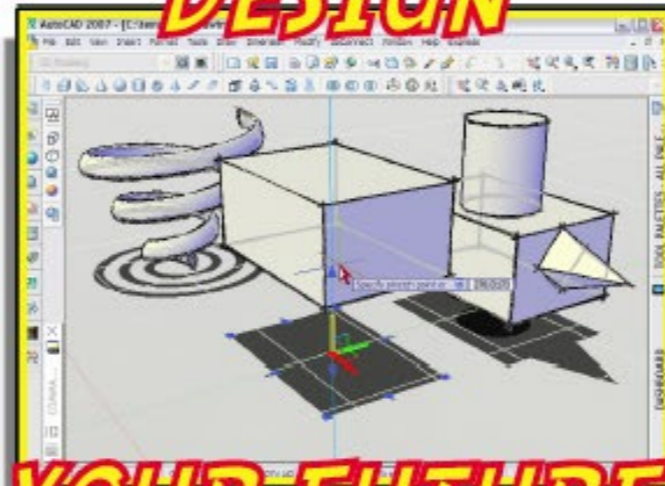


**2-FAST**



**2-FURIOUS**

**DESIGN**



**ALL WHILE DONE IN A FUN AND INTERACTIVE ENVIRONMENT**

**VEX**  
ROBOTICS



**CATAPULTS!**

**IN TIJ101 - GRADE 9 TECH**

# CREATE YOUR FUTURE HERE AT

# GOVERNOR SIMCOE SECONDARY SCHOOL

Have questions? You can contact us at:

Address: 15 Glenview Avenue  
St. Catharines, ON  
L2N 2Z7

Phone Number: 905-934-4006  
Fax Number: 905-934-3389  
Website: <http://govsimcoe.org/>  
Email Address: [GSS@dsbn.edu.on.ca](mailto:GSS@dsbn.edu.on.ca)



**GOVERNOR SIMCOE**  
CLASS OF 1773 - LIEUTENANT GOVERNOR OF UPPER CANADA

**GOVERNOR SIMCOE**

**COURAGE**  
Commanded the 40th Regiment of Foot at the Battle of Brandywine, where he was injured.  
Sought to form a Loyalist regiment of free blacks but instead commanded the Queen's Rangers and saw heroic action during the American Revolution.

**PERSEVERANCE**  
Fought against slavery and passed the Act Against Slavery in 1793 which led to the abolition of it in Upper Canada in 1860.

**RESPECT**  
Towns, counties, an official holiday, streets, islands and a secondary school in 1971 have all been named in his honour. Called Simcoe by his enemies because of his actions on the battlefield and afterwards in the treatment of prisoners.

**RESPONSIBILITY**  
Lieutenant Governor of Upper Canada from 1791 to 1796. Built Yonge and Dundas Streets to connect the colony. Defended Upper Canada against American aggressions after the American Revolution.

In a letter dated 1791, the Duke of Northumberland called John Graves Simcoe "brave, humane, sensible and honest".  
This is his story. What's yours?

**OUR TRADITION IS BUILDING YOUR FUTURE**  
LEARNING CREATIVITY WELL-BEING TECHNOLOGY

**GOVERNOR SIMCOE**  
CLASS OF '08 - ROBOTICS

**RESPONSIBILITY**  
Web Developer of Massive Computer Systems  
Programmer at Silicon Knights

**CARING**  
Wrote Free Software for the Ontario Special Olympics

**RESPECT**  
2008 OSBN Excellence in Education Award  
2009 FIRST Robotics International Best Website Award  
2011 Top student in Mathematics and Science at Brock University

**GO-OPERATION**  
Member of the Governor Simcoe robotics team, 2005-2008

"Find what you nurture it. For a video games."  
- Nik Unger

**PROUD OF OUR TRADITION ... EXCITED ABOUT YOUR FUTURE**

**GOVERNOR SIMCOE**  
CLASS OF '12 - ATHLETICS

**CO-OPERATION**  
Member of the Governor Simcoe Wrestling Team  
Member of the Brock Wrestling Club  
Member of the Canadian FFA Pan Am Team

**RESPECT**  
International Gold Medalist in Puerto Rico  
International Bronze Medalist FFA Pan Am  
National Gold Medalist Stu Hart Tournament  
Ontario Winter Games Gold Medalist

**INTEGRITY**  
Demonstrates dedication to sports and academics  
Conscientious of his opponents' well-being  
Admired for his leadership and caring

"I always appreciate the consistent encouragement from Simcoe teachers and students."  
- Ben Bradford

**PROUD OF OUR TRADITION ... EXCITED ABOUT YOUR FUTURE**

**GOVERNOR SIMCOE**  
CLASS OF '07 - ATHLETICS

**RESPONSIBILITY**  
Enlisted in the Canadian Armed Forces in the defence of Canada

**COURAGE**  
Served a tour of duty in support of peace in Afghanistan  
Survived a helicopter crash in combat  
Tended to wounded comrades while in peril

**CARING**  
Assisted the people of Afghanistan in creating a better life  
Good Will Ambassador of Governor Simcoe Secondary School and his country

"Tough times never last but tough people do."  
- Jarred Braybrook

**PROUD OF OUR TRADITION ... EXCITED ABOUT YOUR FUTURE**

**GOVERNOR SIMCOE**  
CLASS OF '10 - ATHLETICS & ARTS

**RESPONSIBILITY**  
Member of the Niagara IceDogs  
Represents Canada at World Under 18s  
Drafted by San Jose Sharks of the NHL

**INTEGRITY**  
Role model to student athletes  
Community Ambassador  
Assistant captain for an OHL hockey team

**RESPECT**  
Governor General Medal for Academic Achievement  
Ivan Tennant OHL Academic Scholar of the Year  
Team Canada 2012 World Junior Hockey Team Bronze Medalist

"I really enjoyed my time at Simcoe. The teachers were passionate, knowledgeable, and eager to help their students."  
- Freddie Hamilton

**PROUD OF OUR TRADITION ... EXCITED ABOUT YOUR FUTURE**

**GOVERNOR SIMCOE**  
CLASS OF '09 - ATHLETICS

**RESPONSIBILITY**  
Named "The Pace" of The University of Western's Football Team

**COURAGE**  
Fried Kosovo to pursue an education in

**GO-OPERATION**  
Member of Governor Simcoe Football University of Western's Football Team  
Team Captain, Quarterback and Senior Football

**RESPECT**  
Known for his famous 34 yard kick against Ottawa University that won the 2010 OUA Championship

"My high school coach in grade 10 encouraged me to come out and try some kicks. You've always got to work towards the positive."  
- Liam Hagrallab

**PROUD OF OUR TRADITION ... EXCITED ABOUT YOUR FUTURE**

**GOVERNOR SIMCOE**  
CLASS OF '08 - ATHLETICS

**GO-OPERATION**  
Member of the University of Pennsylvania Ivy League Rowing Crew  
Member of St. Catharines Rowing Club  
Member of Governor Simcoe rowing and hockey teams

**PERSEVERANCE**  
Recovered and came back from a debilitating injury

**RESPECT**  
2011-12 Captain of the University of Pennsylvania's Ivy League Varsity Team  
2017-2018 Governor Simcoe Rowing of the Year  
Seven Time Royal Canadian Henley Gold Medalist  
Governor Simcoe Honour Roll

"You will only be as successful as you allow yourself to be, with hard work and determination."  
- Mike Fisher

**PROUD OF OUR TRADITION ... EXCITED ABOUT YOUR FUTURE**

**GOVERNOR SIMCOE**  
TEACHER - TECHNOLOGY

**INTEGRITY**  
Awarded (along with Mother Teresa) the Paul Harris Fellowship for contributing towards the betterment of the world

**ACCOMPLISHMENTS**  
2008 FIRST Robotics World Champion  
2006, 2007, 2011 VEX Robotics World Champion  
2009 FIRST Robotics World Website Award  
2004 OCE Technological Education Leadership Award  
2006 Dick Hopkins Award Excellence in Technological Education

**PERSEVERANCE**  
His Motto: "Create a sense of urgency, then work harder than anyone else!"

**GO-OPERATION**  
The first to team students up with GM engineers

"I am to anticipate and are important decisions in"

**PROUD OF OUR TRADITION ... EXCITED ABOUT YOUR FUTURE**

**GOVERNOR SIMCOE**  
CLASS OF '01 - CHEN TV

**RESPECT**  
One of the youngest news anchors in the GTA  
Writes, produces, and reports the news  
Graduate of Ryerson University's Journalism Program

**GO-OPERATION**  
Member of CHCN TV Broadcasting Team  
Member of Team Cogeco  
Member of Governor Simcoe's School Newspaper  
Member of Governor Simcoe's School winning crew

**INTEGRITY**  
Dedicated to bringing the public top-notch news coverage every day of the week

"I realized that TV was my calling after taking an English Media class at Simcoe."  
- Kate (Stufman) Carnegie

**PROUD OF OUR TRADITION ... EXCITED ABOUT YOUR FUTURE**

**GOVERNOR SIMCOE**  
TEACHER - SPECIAL EDUCATION

**COURAGE**  
Qualifying for the Boston Marathon after the sixth attempt  
Seventeen total marathons and still counting

**RESPONSIBILITY**  
Husband ... Father ... Educator

**PERSEVERANCE**  
Worked hard for every grade achieved  
Proudest moment ... receiving an acceptance letter from Guelph University

**OPTIMISM**  
Being the smallest guy was never an obstacle in trying out and making every team he wanted to be a part of

"Live the life you love"  
- Sean Quinn

**PROUD OF OUR TRADITION ... EXCITED ABOUT YOUR FUTURE**

**GOVERNOR SIMCOE**  
CLASS OF '11 - MUSIC

**CARING**  
College Outreach Society  
Simcoe School Student Council  
Founder of the Simcoe Music Library Club

**RESPONSIBILITY**  
Governor Simcoe Student Council President  
Principal's Award for Student Leadership  
Status of Women Leadership Recipient

**PERSEVERANCE**  
2008, 2011 OSBN Excellence in Education Award  
Central Ontario Music Competition at Francis and Jeanette  
Public Affairs and Policy Management, Carleton University

"One day student council, next day Parliament!"  
- Eksha Seo

**PROUD OF OUR TRADITION ... EXCITED ABOUT YOUR FUTURE**

**GOVERNOR SIMCOE**  
CLASS OF '10 - ORGAN

**COURAGE**  
Childhood cancer survivor

**PERSEVERANCE**  
Recipient of numerous academic awards and scholarships, including the Kristen French Scholarship and the 2010 Excellence in Education commendation

**CARING**  
Simcoe Outreach Society  
Rankin Run Promoter and Survivor Advocate

**RESPONSIBILITY**  
Multiple award winning stage manager, Governor Simcoe Drama Productions as I am today.  
Brock Drama Student

"Simcoe is the land of opportunities and wonderful teachers. Without both, I would not be as happy and accomplished as I am today."  
- Trisha-Lee Halamay

**PROUD OF OUR TRADITION ... EXCITED ABOUT YOUR FUTURE**

**GOVERNOR SIMCOE**  
CLASS OF '09 - MUSIC

**RESPECT**  
2009 Award of Excellence, Street Drama Festival  
2008 Award for Distinction, Music for Outcasts  
Music, Song, Drama Festival  
Co-creator of Simcoe Student Song

**RESPONSIBILITY**  
Brock University Music Student  
Composer and Performer  
Recording his debut album

**CARING**  
Teacher - Shared his passion for music with Niagara Youth

"Music at Simcoe gave me the opportunity to explore my talents."  
- Lee Stewart

**PROUD OF OUR TRADITION ... EXCITED ABOUT YOUR FUTURE**