

# HWDSB

## Program Committee

Thursday February 16, 2017

Room 340-D

Hamilton-Wentworth District School Board

20 Education Court, P.O. Box 2558

Hamilton, ON L8N 3L1

### **AGENDA: 4:30 p.m.**

1. Call to Order
2. Approval of the Agenda
3. Secondary Program Strategy Specialized and SHSM Programs (Tier 3) Placements and Enrolment
4. Militia Co-operative Education Program
5. Adjournment

**curiosity • creativity • possibility**



## EXECUTIVE REPORT TO PROGRAM COMMITTEE

**TO:** PROGRAM COMMITTEE

**FROM:** Manny Figueiredo, Director of Education

**DATE:** Thursday, February 16, 2017

**PREPARED BY:** Peter Joshua, Executive Superintendent of Leadership and Learning

**RE:** Secondary Program Strategy Specialized and SHSM Programs (Tier 3)  
Placements and Enrolment

### Action

### Monitoring X

#### RATIONALE:

Our Secondary Program Strategy identified key timelines for the start and redistribution of our Specialized (Tier 3) Programs. As the new North Secondary School and Nora Frances Henderson Secondary School will open at a future date, we have adjusted the plan for implementation of the Specialized and Specialist High Skills Major programs (Tier 3) pending the official opening of both secondary schools.

#### BACKGROUND:

Hamilton-Wentworth District School Board (HWDSB) has been working in recent years to revitalize its secondary schools, beginning with input gathered from our partners and research as we considered what education will look like in the 21st century through *Secondary Education of the Future*.

Following an extensive secondary school accommodation review in 2012, HWDSB Trustees approved the Secondary Program Strategy in April 2013 including the implementation of various programs over the course of three years, from September 2014 through to September 2016.

On November 12, 2015, a report was presented to the Board's Program Committee showing revised timelines for the implementation of Specialized Tier 3 and SHSM Programs. The report identified the name of each program, which program needs to be relocated, and the proposed implementation timelines for each of these programs. At that time, trustees requested staff bring forward an annual report outlining program placement and an enrolment summary.

The Secondary Program Strategy supports the vision of the Board and provides the foundation for future secondary programming. It is based on the following guiding principles:

- All Secondary Schools are great schools
- Students will have choice within their home schools\*
- Expanded access for students for specialized programs
- All students achieving and graduating in HWDSB

\* Choice will come from offering a variety of courses, programs, and pathways to students within their home school, as well as a number of Specialized (Tier 3) and SHSM programs in each school.

#### Implementation:

The 2016-2017 school year marks the third year of the implementation (Phase 3) of the HWDSB Secondary Program Strategy. As part of this school year, we have:

- Continued with a second French Immersion program at Sherwood Secondary School with grade 9 and 10 FI
- Started the Audition-based Program of the Arts (ABPA) at Glendale Secondary School in September 2016.
- Opened a new Aviation & Aerospace SHSM Program at Sir Winston Churchill Secondary School

## DEFINITIONS:

### **Specialized (Tier 3) Programs:**

Specialized Tier 3 programs (including SHSMs) open to students beyond the school catchment based on their geographical location. Each specialized program will have a program boundary beyond the school boundary. Students attending from outside the school catchment are provided transportation. There are three categories of Specialized Tier 3 programs described below – Specialized Non-SHSM Programs, Specialist High Skills Major (SHSM) Programs, and Intervention and Support Programs.

## APPENDIX A: HWDSB Specialized (Tier 3) Programs & Specialist High Skills Major Programs Chart (Updated Feb 6, 2017)

### I. Specialized Non-SHSM Programs:

<b>Program</b>	<b>Description</b>
<b>Audition Based Program of the Arts</b>	The Audition Based Program of the Arts program is an auditioned program where students will enter in Grade 9 and continue through their secondary school years until they graduate in Grade 12.
<b>Artsmart</b>	A program delivered in partnership with Theatre Ancaster. It is a one semester co-op program offered to senior students across the system, intended to provide experiential learning opportunities for students pursuing a career in the performing arts or for those who simply have a love for the arts.
<b>Construction – Building Careers from the Ground Up</b>	This program provides students with the opportunity to experience the many skills and trades available in the home building industry. Students earn credits in senior construction technology through in class and co-operative education model on a building site in the city.
<b>Cosmetology</b>	Students gain hands-on experience in hairstyling techniques and aesthetics that meet industry standards, using industry standard materials and equipment.
<b>English as a Second Language/ English Literacy Development (ESL/ELD)</b>	The purpose of high school ESL/ELD credit courses is to provide students with language learning opportunities to assist them to develop the level of proficiency in English required for success at school, the community, post-secondary education and the workplace.
<b>EXYTE</b>	This is a project-based experiential program where students learn while designing, creating and building re-purposed and recycled furniture, artwork and other household items. Students earn art, business and co-op credits in this semester-long program.
<b>French Immersion</b>	A continuation of the elementary French Immersion program, leading to a Certificat d'Immersion.
<b>International Baccalaureate</b>	The International Baccalaureate (IB) Diploma Programme is a pre-university course of study, offered during the last two years of secondary school.
<b>Ontario Public Service Program</b>	This program provides an opportunity to earn secondary school credits while completing a specialized paid co-operative education placement in the Ontario Public Service (OPS) in government entry level positions or with a non-profit organization.
<b>Strings</b>	Students will participate in the study of music through performance, creation, and analysis of music from the Baroque period to the 21st century. Preferred Preparation: Minimum two years previous study on an orchestral string instrument or recommendation of instructor.

## APPENDIX B: French Immersion (FI) and International Baccalaureate (IB) Programs - Student Distributions (October 2016 Student Data)

## 2. Specialist High Skills Major (SHSM) Programs:

A ministry-approved specialized program that allows students to focus their learning on a specific economic sector while meeting the requirements to graduate from secondary school. Through specialized programming, students are given the opportunity to 'reach ahead' and experience relevant training and learning specific to the sector. It also assists in their transition after graduation to apprenticeship training, college, university or the workplace. An SHSM is a four-semester, two-year program for any interested student in grades 11 or 12.

Arts & Culture: Arts  
Arts & Culture: Digital Media  
Aviation & Aerospace  
Business  
Construction  
Energy (not approved for 2017/18)  
Environment  
Health & Wellness

Horticulture & Landscaping  
Hospitality & Tourism (Food Services)  
Information & Communication Technology  
Justice, Community Safety, & Emergency Services  
Manufacturing  
Non-Profit  
Transportation (pending approval for 2017/18)

### SHSM Pathways:

All SHSM programs must be offered to students in all pathways (Apprenticeship, College, Community, University and Workplace). The profile of SHSM continues to rise and more employers are now recognizing the value of a red seal diploma because students are completing high school with experiential learning and sector specific certifications.

No post-secondary institutions give preferential treatment to students graduating with an SHSM red seal in the admission process; however, some post-secondary institutions are beginning to recognize SHSM graduates with scholarships.

### Enrolment for 2016-17:

817 students (grade 11 and 12) are currently participating in an SHSM. This is an approximate 10% footprint (as compared to total number of students in grade 11 and 12). The provincial average is 14%. We currently offer 26 programs over 13 sectors.

School	Program	Enrolment	Students out of Catchment
Ancaster	Aviation & Aerospace	20	1
Delta	Hospitality & Tourism	17	0
Delta	Health & Wellness	12	0
Dundas Valley	Arts & Culture	16	0
Dundas Valley	Manufacturing	25	0
Glendale	Business	37	3
Glendale	Arts & Culture	66	24
Mountain	Hospitality & Tourism	2	N/A
Nora Henderson	Justice, Community Safety & Emergency Services	10	0
Nora Henderson	Information & Communication Technology	27	2
Nora Henderson	Manufacturing	25	3
Orchard Park	Hospitality & Tourism	6	0
Saltfleet	Construction	30	0
Saltfleet	Horticulture & Landscaping	24	0
Saltfleet	Non Profit	25	0
Sherwood	Health & Wellness	52	3

Sir Allan MacNab	Arts & Culture	64	1
Sir Allan MacNab	Health & Wellness	43	1
Sir John A MacDonald	Energy	1	0
Sir John A MacDonald	Hospitality & Tourism	11	1
Sir Winston Churchill	Aviation & Aerospace	11	1
Sir Winston Churchill	Health & Wellness	30	1
Sir Winston Churchill	Manufacturing	23	1
Waterdown	Environment	44	0
Westdale	Arts & Culture	140	0
Westdale	Construction	56	1
<b>Totals</b>		<b>817</b>	<b>43</b>

#### Enrolment Projections for 2017-18:

1040 students will participate in an SHSM if all new program applications are approved. If approved, we expect to offer approximately 31 programs over 13 sectors.

Sir John A MacDonald's Energy program will close in June due to low enrolment. Mountain's Hospitality and Tourism program will move to Sir Allan MacNab as outlined in the Secondary Program Strategy.

#### SHSM Applications to the Ministry of Education:

Six new program applications were submitted in January for 2017/18. Programs and schools were chosen based on the Board's Secondary Program Strategy.

- Transportation at Dundas Valley
- Transportation at Glendale
- Transportation at Nora Henderson
- Arts and Culture (Digital Media Focus) at Orchard Park
- Information and Communications Technology at Ancaster
- Hospitality & Tourism at Waterdown

#### Funding and Expenditures:

We received \$420,900 for SHSM programs this year and an additional \$33,000 to implement Innovation, Creative and Entrepreneurship (ICE) training pilot projects.

Funding is based on a formula from the Ministry. Each mature program (four years and up) receives \$400 per student plus \$2,200 per program for partnership and contextualized learning activities (CLA) development. Each new program (0-3 years) receives \$300 per student, \$2,200 per program, plus start-up funds: \$10,000 in year one, \$7000 in year two and \$4000 in year three.

Most money is forwarded directly to schools who determine their needs for program delivery, while some is held back at the board to offer program support centrally. The mandate from the Ministry is that most money is to be used to have a direct impact on students: covering costs associated with certifications, experiential learning and reach ahead opportunities. Schools can spend no more than 50% of their funding on capital equipment needed for programming. Monies are also spent on promotion through the My Path My Way Pathways Event, attracting employers, teacher training and development, and release time for activities such as student tracking, professional development and partnership development. SHSM funds also cover salary for one Administrative Support, and partially cover salary for a Tech and Safety Consultant.

#### Ministry of Education's Goals for SHSM

The Premier's expert panel on the Highly Skilled Workforce made the following recommendation regarding SHSM: *"Expand Ontario's Specialist High Skills Majors Program to 25% of all students in grades 11 and 12 in the next three years to expose more high school students to opportunities in the workforce. In response, the Ministry of Education has set the*

following mandate: “Expand the participation rate of grade 11 and 12 students in the Specialist High Skills Majors Program by 10%.” November 21, 2016

This mandate can be met by:

1. Increasing the number of SHSM programs we offer in our board.
2. Increasing participation in existing SHSM programs.

If all program applications are approved for next year, we estimate that we would have four schools meeting/exceeding the 25% target: Glendale: 3 programs, Nora Henderson: 4 programs, Sir Allan MacNab: 3 programs, and Westdale: 2 large programs.

### 3. Intervention and Support Programs:

Tier 3 interventions and/or supports include:

- specialized support programs which require a low student-to-staff ratio in order to provide focused, direct and personalized assistance to students
- non-credit special education programs for students who require intensive, continuous, and individualized support to such an extent that they require a low student-to-staff ratio in order to reach their potential
- individualized credit-granting programs for students who are unable to attend a traditional school setting for a period of time

Program	Description
<b>ALPHA Program (Accelerated Literacy Program Hamilton Area)</b>	An accelerated program for students aged 14-18 who have recently arrived in Ontario schools with limited prior schooling. ALPHA is intended to provide programming support so that students make significant gains in English language development literacy and numeracy skills as well as academic skills and knowledge. The goal is for the students to be successfully integrated into the mainstream program.
<b>NYA:WEH Program (Native Youth Advancement with Education Hamilton)</b>	Provides a culturally based support for Aboriginal youth. The program combines two streams of education, Western and Traditional, which are integral to the success of Aboriginal youth. Specific support for First Nation, Metis and Inuit students in the following areas: Academic Assistance; Culturally Sensitive Resource; Social and Personal Consultation; Access to Tutors; and Student Advocacy.
<b>Graduated Support Program</b>	Specific support for students including integration in the school and community, appropriate to the student's strengths. Although they may not be earning credits, students in this program have the ability to achieve a level of independence in the community upon graduation.
<b>Extensive Support Program</b>	Intensive, continuous, and individualized support. Collaboration with parents and community partners in order to provide appropriate programming and transition to community supports.
<b>Personalized Learning Support Program</b>	An individualized educational alternative program for students who cannot learn in a regular school setting. Students remain connected to their home school.

# APPENDIX A: HWDSB Specialized (Tier 3) Programs & Specialist High Skills (Major Programs Placements)





	ENTRY GRADE	PROGRAMS	Ancaster	Dundas VSS	Glendale	Nora Henderson	New North SS	Orchard Park	Saltfleet	Sherwood	Sir Allan MacNab	Sir Winston Churchill	Waterdown	Westdale	Off Site Location
SPECIALIZED (TIER 3) PROGRAMS	10,11,12	Artsmart									X				
	11,12	Construction - BCFTGU													X (TBD)
	9-12	Cosmetology				X (From MTN SS) upon opening of New NFH SS)		X				X (From Delta) with opening of New North SS	X		
	9-12	ESL/ELD			X	X	X (from SJAM)							X* New - with opening of new North SS	
	9	French Immersion								X				X	
	11	International Baccalaureate	X											X	
	11,12	Ontario Public Service Program					X (Delta)								
	9-12	Performing Arts			X Sept 2016										
	9	Strings			X										
	10,11,12	EXYTE													X (TBD)
SPECIALIST HIGH SKILLS MAJOR PROGRAMS	11	Arts & Culture: Arts			X						X			X	
	11	Arts & Culture: Digital Media		X			X New Appl'n with school opening	X New Appl'n for 2017/18							
	11	Aviation & Aerospace	X									X New Appl'n for 2016/17			
	11	Business			X										
	11	Construction							X					X	
	11	Energy					X (from SJAM) will need to reapply								
	11	Environment											X		
	11	Horticulture							X (will not run in 2016/17 due to low numbers						
	11	Health & Wellness					X (from Delta)			X	X	X			
	11	Hospitality/Tourism (Food Services)					X (Presently at Delta and SJAM)	X			X Presently at MTN – will move upon closure)		X New Appl'n for 2017/18		

## APPENDIX A: HWDSB Specialized (Tier 3) Programs & Specialist High Skills Major Programs Placements

	ENTRY GRADE	PROGRAMS	Ancaster	Dundas VSS	Glendale	Nora Henderson	New North SS	Orchard Park	Saltfleet	Sherwood	Sir Allan MacNab	Sir Winston Churchill	Waterdown	Westdale	Off Site Location
	11	Information & Communication	X New Appl'n for 2017/18			X									
	11	Justice, Community Safety, & Emergency Services				X									
	11	Manufacturing		X						X* (From NFH SS upon closure)		X			
	11	Non-Profit							X						
	11	Transportation		X New Appl'n for 2017/18	X New Appl'n for 2017/18	X New Appl'n with school opening									
	9-12	ALPHA				X	X (from SJAM)								
INTERVENTION & SUPPORT	9-12	NYA:WEH				X Sept 2017	X (from Delta)					X			
	9-12	Graduated Support Program				X	X	X	X Sept 2016	X		X	X	X	
	9-12	Extended Support Program	X	X	X		X				X				
	9-12	Personalized Learning Support Program		X	X	X									X
SCHOOL ON THE GROUND CAPACITY			1281	1080	1194	1092	1250	1332	1173	1374	1350	1176	1653	1461	
CURRENT SCHOOL ENROLMENT (October 31: 2016 Count)			1174	944	851	732	0	960	1190	1070	997	764	1199	1304	
ANTICIPATED SCHOOL ENROLMENT WITH FULL IMPLEMENTATION (2023)*			1256	803	804	1025	1183	1072	1660	1339	1116	671	1134	1351	
SCHOOL UTILIZATION WITH FULL IMPLEMENTATION			98%	74%	67%	94%	95%	80%	142%	97%	83%	57%	69%	92%	

Updated Legend

\*Enrolment Notes: Projections reflect many programs that are still in their infancy and not reflective of 'true' historic patterns and projection factors. Assumptions on student retention for the new north school have yet to be experienced. Enrolment projections will continue to be monitored - as an example, Saltfleet captures a substantial amount of residential development that traditionally is more challenging to forecast due to unknown housing construction starts.

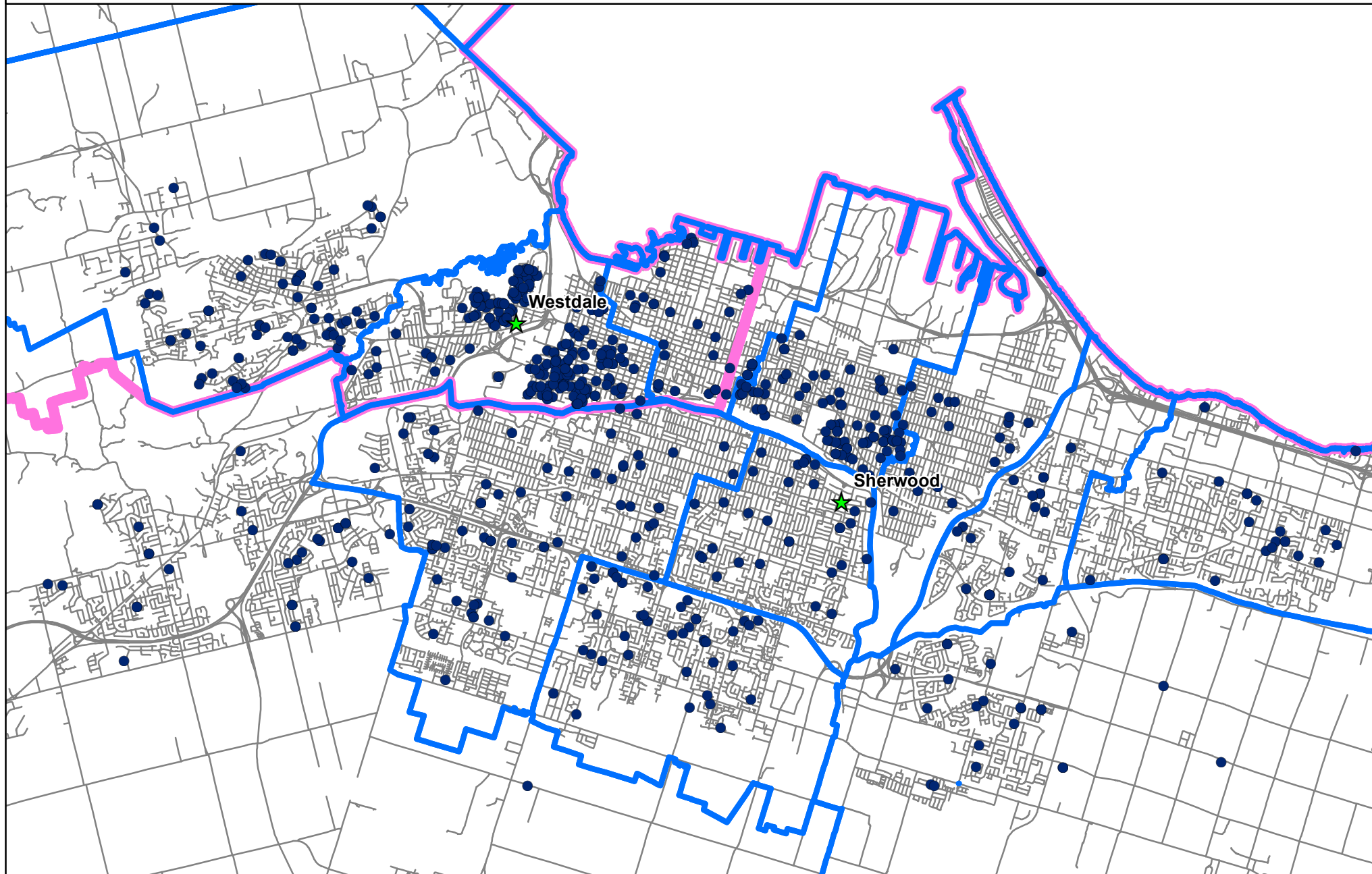
	Existing SHSM Approval renewed by Ministry of Education by 2016/17		New SHSM Application submitted and approved for 2016/17
	New SHSM Application submitted for 2017/18		Need to Re-Apply in the Future



Revised on February 6, 2017



# FI Student Distributions (October 2016 Student Data)

Appendix B



-  English Secondary Boundaries
-  FI Secondary Boundaries



0 1.25 2.5 5 KM

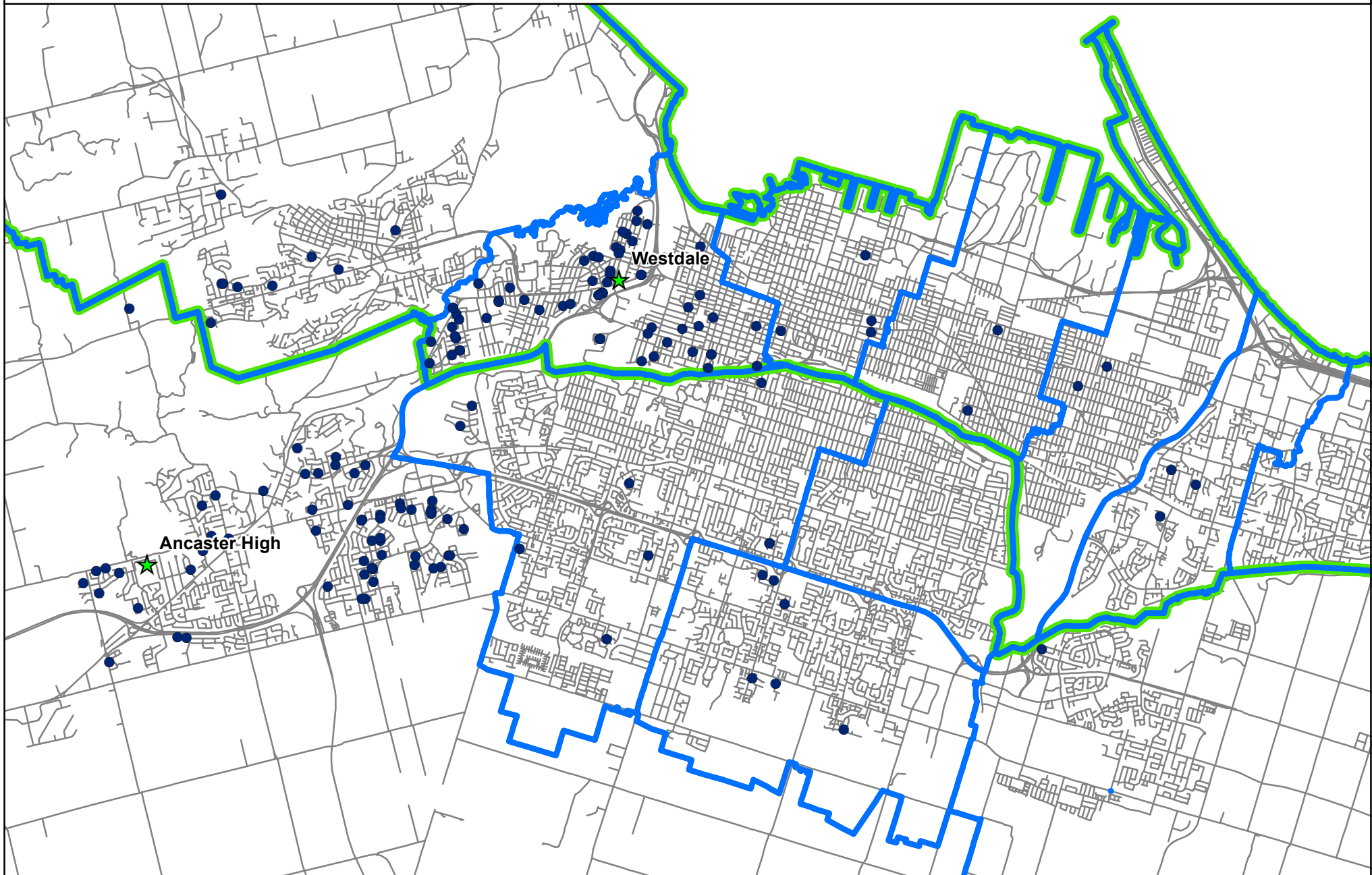




February 2017

Planning and Accommodation

# IB Student Distributions (October 2016 Student Data)

Appendix B



-  English Secondary Boundaries
-  IB Boundaries



0 1.25 2.5 5 KM



February 2017

Planning and Accommodation



## EXECUTIVE REPORT TO PROGRAM COMMITTEE

**TO:** PROGRAM COMMITTEE

**FROM:** Manny Figueiredo, Director of Education

**DATE:** February 16, 2017

**PREPARED BY:** P. Joshua, Executive Superintendent of Leadership and Learning

**RE:** Militia Co-operative Education Program

---

### Action                      Monitoring X

At the Program Committee Meeting on December 15, 2016, trustees requested further information on the difference between adult military training and training at this Co-op's age level, and an up to date review of the program to ensure it aligns with HWDSB values and directions. Staff will provide information to show specific connections on how this program aligns with the Board's strategic directions in particular that of positive culture and wellbeing.

**Positive Culture and Well-being Goal:** All HWDSB students and staff feel safe, supported and accepted.  
**Student Learning and Achievement Goal:** All Students Graduating.

#### **HWDSB Policy No. 6.3: Code of Conduct:**

**PURPOSE:** Hamilton-Wentworth District School Board (HWDSB) recognizes that it is the responsibility of all individuals to contribute to a positive school climate. A Code of Conduct Policy provides all members of the school community with the right to be safe and to feel safe in their school community by establishing standards of behaviour consistent with the Provincial Code of Conduct. All members of the school community are expected to promote a positive school climate that is inclusive and accepting of all pupils, and that promotes the prevention of bullying.

The policy can be found at: <http://www.hwdsb.on.ca/wp-content/uploads/2012/05/Code-of-Conduct.pdf>

#### **Militia Co-operative Education Program:**

This program is an opportunity for students to gain experience in a military environment, develop self-confidence, leadership and teamwork skills, all while earning high school credits. This is a four-credit program that runs in Semester One for the 2016-2017 year but will run in Semester Two for the 2017-2018 school year, and is open to any student in the greater Hamilton area—Grand Erie, Niagara, Halton, and our co-terminus board. There are currently 16 students in the program. That includes three students cross enrolled from the Catholic Board, one from Halton and one from Grand Erie. There are usually between 10 and 20 students in the program each semester.

Students spend the semester at an Armoury (James Street North, Hamilton), arriving every morning and returning home every evening. Students may be required to work several weekends/evenings over the semester, but generally do not train on weekends. Students attend high school classes at the Armoury in the morning (two credits: one in Physical Education and one in Math). Students complete their Basic Military Qualification (BMQ) training in the afternoon (two credits through co-op).



Students in this program are signed into one of the Reserve Units participating in this program. Students in this program are paid approximately \$212 (gross pay) per week for the military training portion of the program. There is no cost for the uniform and field equipment. Upon completion of the program, successful students can continue with their unit on a paid, part-time basis about one night per week, and one weekend per month. Summer employment is also available for students who successfully complete the Co-op program.

#### **Application Process:**

- The complete application can be downloaded at: [canadian-forces-co-op-informed-consent-2016](#).
- Students submit the completed form along with a current résumé to their school Co-op Teacher or Guidance Counselor by the required deadline (Semester 1 – May 15<sup>th</sup>; Semester 2 – December 15<sup>th</sup>).

#### **Co-op Program Criteria:**

**Pre-Placement:** coordinated with the Co-op Teacher assigned by HWDSB, with the criteria and breakdown of the expectations for the students and an understanding of the packages they will complete for the Co-op Academic portion

**Skilled Trade 2 Credit (CAF training):** During the semester the students will be gaining a number of courses to fill the time allotted. The confirmed course on all current, and future, co-op programs will be their Basic Military Qualification. This course includes: Code of Ethics, Military Law, Rank Structure, Mental Resiliency in the Workplace, Ceremonial Drill, C7A2 Service Rifle Weapons Handling, Navigation with a Map and Compass, First Aid & CPR Level C to name a few. In addition to their BMQ, the students will be offered courses to fill the remainder of the time in the semester. These include, but not confirmed: Basic Communications and Basic Winter Warfare.

**Academic 1 Credit:** The Co-op Teacher assigned by HWDSB provides mentorship during the academic portion as well as counselling needed outside of the course staff if personal issues arise. Students complete a compulsory course credit such as Math or English.

**Fitness 1 credit:** the Physical Education credit is conducted by the course staff and is designed to improve the candidate's fitness levels and prepare them for further employment within the Canadian Armed Forces. Training sessions are designed to achieve a balance between endurance and strength training focusing on bodyweight exercises and running. The training pushes candidates to improve regardless of their entry level of fitness. It combines personal challenge with team building in order to reach and surpass real or perceived physical limits.

The Co-op Program within the Canadian Armed Forces has been in existence since the early 1990's and spans throughout Ontario and varies on content depending on organisation, board coordination and course material. As with all Co-op placements, a safety assessment of the workplace is required, and the employer is required to abide by all Labour Laws (including Human Rights and workplace safety).

These students success rate of credit achievement in this program is very high. There have only been 4 credit failures in 6 years, which is a percentage of success around 98%.