



Castlebrooke Secondary School

(9-12; Specialized Program - ESL; Explore High Skills - Information & Communications Technology, Sports; SHSM – Information & Communications Technology, Sports)

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Brampton L6P 3L1

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Website:
castlebrookess.peelschools.org

Principal:
Rasulan Hoppie

Vice-Principals:
Angela Adekunle
Kirk Dawson
Hilary Giles

Field Office/
Family of Schools:
North/Castlebrooke

Superintendent:
Patrika Daws

Trustee(s):
Harkirat Singh
Carrie Andrews

Student Population:
1,900

School Colours:
Silver, Midnight Green,
Black and White

Sports Team:
Dragons

Highlights:

- ❖ Castlebrooke emphasizes the use of technology to enhance the learning experience of students.
- ❖ Castlebrooke offers an Explore High Skills program (grade 9 and 10) and an SHSM program (grade 11 and 12) in Information and Communications Technology (ICT) and in Sports Medicine and Media
- ❖ Castlebrooke is a positive learning environment for students and staff promoting student success in a variety of ways.

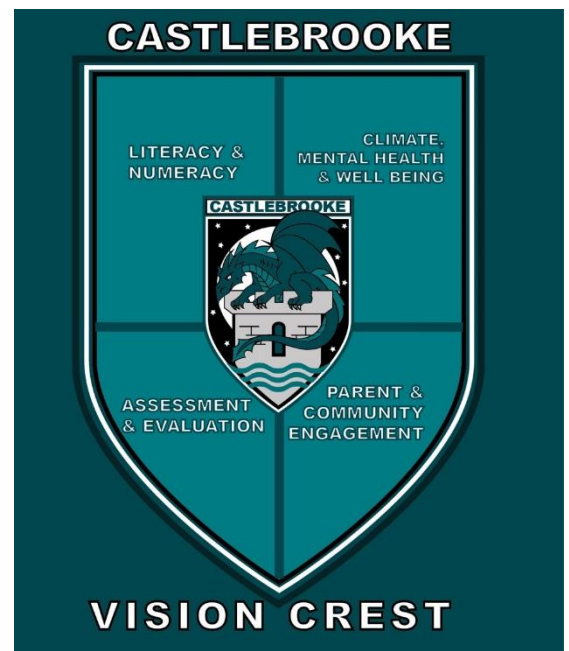
More about Castlebrooke:

Our motto is “Our Future is Here”

It is Castlebrooke Secondary Schools mission to be a 21st century school committed to inspire innovative, collaborative and critical thinkers living in a digital world. We are focused on embracing and promoting global and digital citizenship. We strive to build a positive school climate that is deeply connected to our community.

Our Vision Crest embodies, articulates and symbolizes our powerful connection to supporting our mission through:

- Literacy and Numeracy
- Climate, Mental Health and Well-being
- Assessment and Evaluation
- Parent and Community Engagement



Character education will be embedded in the school curriculum to help build a positive climate for learning and working together.

Castlebrooke Secondary

COURSES

Grade 9 Grade 10 Grade 11 Grade 12

THE ARTS					
Dance		ATC 100	ATC 200	ATC 3M0	ATC 4M0
Dance- Hip Hop and Urban (Offered in 2020-2021)				ATR 3O0	
Drama		ADA 100	ADA 200	ADA 3M0	ADA 4M0
Instrumental Music – Beginner		AMU 100	AMU 200	AMU 3M0	AMU 4M0
Music – Vocal		AMV 100	AMV 200	AMV 3M0	AMV 4M0
Introduction To Guitar		AMG 100	AMG 200	AMG 3M0	
Music – Small Ensembles (Vocal/Instrumental) *pre-requisite should be AMU 200 or AMV 200				AME 3M0	AME 4M0
Visual Arts		AVI 100	AVI 200	AVI 3M0	AVI 4M0
Visual Arts – Digital Media			ASM 200	ASM 3M0	ASM 4M0
Visual Arts – Fashion And Textile Design				AWI 3M0	AWI 4M0
BUSINESS STUDIES					
Information and Communication Technology in Business		BTT 100			
Introduction to Business			BBI 200		
Entrepreneurship: The Venture				BDI 3C0	
Financial Accounting Fundamentals				BAF 3M0	
Financial Accounting Principles					BAT 4M0
Information and Communications Technology: The Digital Environment				BTA 3O0	
Marketing: Goods, Services, Events				BMI 3C0	
The Individual And The Economy				CIE 3M0	
International Business Fundamentals					BBB 4M0
Business Leadership: Management Fundamentals					BOH 4M0
Analyzing Current Economic Issues					CIA 4U0
Investment: Financial Securities & Wealth Management					IDC 4U0
Sports and Entertainment Marketing				IDC 300	
CANADIAN & WORLD STUDIES					
Issues in Canadian Geography – Academic		CGC 1D0			
Issues in Canadian Geography – Academic EHS Sports		CGC 1DU			
Issues in Canadian Geography – Applied		CGC 1P0			
Issues in Canadian Geography – Applied EHS Sports		CGC 1PU			
Physical Geography: Patterns, Processes and Interactions				CGF 3M0	
Travel and Tourism: A Geographic Perspective				CGG 300	
The Environment And Resource Management (Offered in 2020-2021)					CGR 4M0
Canadian And World Issues: A Geographic Analysis					CGW 4U0
Canadian History Since World War I – Academic			CHC 2D0		
Canadian History Since World War I – Applied			CHC 2P0		
Origins and Citizenship: The History of a Canadian Ethnic Group - The African Canadian Experience (Offered in 2020-2021)				CHE 300	
Civics and Citizenship			CHV 200		

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COURSES

	Grade 9	Grade 10	Grade 11	Grade 12
World History to the End of the 15 th Century			CHW 3M0	
Understanding Canadian Law – University/College			CLU 3M0	
Understanding Canadian Law – Workplace			CLU 3E0	
The West and the World				CHY 4U0
Canadian And International Law				CLN 4U0
COMPUTER STUDIES				
Computer Science		ICS 2O0		
Computer Science – College			ICS 3C0	ICS 4C0
Computer Science – University			ICS 3U0	ICS 4U0
ENGLISH				
English – Academic	ENG 1D0	ENG 2D0		
English – Applied	ENG 1P0	ENG 2P0		
English – Locally Developed	ENG 1L0	ENG 2L0		
English – College			ENG 3C0	ENG 4C0
English – University			ENG 3U0	ENG 4U0
English – Workplace			ENG 3E0	ENG 4E0
English – The Writer’s Craft				EWC 4U0
English – The Writer’s Craft				EWC 4C0
Ontario Secondary School Literacy Course				OLC 4O0
ENGLISH AS A SECOND LANGUAGE				
See additional chart following course chart				
FRENCH AS A SECOND LANGUAGE				
Core French – Academic	FSF 1D0	FSF 2D0		
Core French – Applied	FSF 1P0	FSF 2P0		
Core French – University			FSF 3U0	FSF 4U0
GUIDANCE & CAREER EDUCATION				
Career Studies		GLC 2O0		
Learning Strategies	GLS 1O7 GLE 1O0	GLE 2O0	GLE 3O0	GLS 4O7 GLE 4O0
Co-operative Education (2 or 4 credits)			COP 2XC or COP 4XC	COP 2XC or COP 4XC
HEALTH & PHYSICAL EDUCATION				
Healthy Active Living Education – Female	PPL 1OF	PPL 2OF	PPL 3OF	PPL 4OF
– Male	PPL 1OM	PPL 2OM	PPL 3OM	PPL 4OM
Personal and Fitness Activities – Female		PAF 2OF	PAF 3OF	PAF 4OF
– Male		PAF 2OM	PAF 3OM	PAF 4OM
Individual and Small Group Activities		PAI 2O0	PAI 3O0	PAI 4O0
Large Group Activities		PAL 2O0	PAL 3O0	PAL 4O0
Recreation And Fitness Leadership				PLF 4M0
Exercise Science				PSK 4U0
INTERNATIONAL LANGUAGES				
	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4
Spanish		LWS BO0	LWS CU0	LWS DU0
MATHEMATICS				
Principles of Mathematics	MPM 1D0	MPM 2D0		
Foundations of Mathematics	MFM 1P0	MFM 2P0		
Mathematics – Locally Developed	MAT 1L0	MAT 2L0		

Castlebrooke Secondary

COURSES

	Grade 9	Grade 10	Grade 11	Grade 12
Functions			MCR 3U0	
Functions and Applications			MCF 3M0	
Foundations for College Mathematics			MBF 3C0	MAP 4C0
Mathematics for Work and Everyday Life			MEL 3E0	MEL 4E0
Calculus And Vectors				MCV 4U0
Mathematics Of Data Management				MDM 4U0
Math For College Technology				MCT 4C0
Advanced Functions				MHF 4U0
SCIENCE				
Science – Academic	SNC 1D0	SNC 2D0		
Science Academic – EHS ICT	SNC 1DU	SNC 2DU		
Science – Applied	SNC 1P0	SNC 2P0		
Science Applied – EHS- ICT	SNC 1PU	SNC 2PU		
Science Locally Developed	SNC 1L0	SNC 2L0		
Science Locally Developed – EHS ICT	SNC 1LU	SNC 2LU		
Environmental Science – Workplace			SVN 3E0	
Environmental Science – University/College			SVN 3M0	
Biology – College			SBI 3C0	
Biology – University			SBI 3U0	SBI 4U0
Chemistry – College				SCH 4C0
Chemistry - University			SCH 3U0	SCH 4U0
Physics – College				SPH 4C0
Physics – University			SPH 3U0	SPH 4U0
Health Science				SNC 4M0
Earth and Space Science (Offered in 2020-2021)				SES 4U0
SOCIAL SCIENCES & HUMANITIES				
Raising Healthy Children			HPC 3O0	
Dynamics of Human Relationships			HHD 3O0	
Issues in Human Growth and Development				HHG 4M0
Introduction to Anthropology, Psychology & Sociology - University			HSP 3U0	
Introduction to Anthropology, Psychology & Sociology - College			HSP 3C0	
World Religions & belief traditions in daily Life			HRF 3O0	
Philosophy: Questions And Theories				HZT 4U0
Challenge and Change in Society				HSB 4U0
TECHNOLOGICAL STUDIES				
Exploring Technologies- Open	TIJ 1O0			
Exploring Technologies – EHS- ICT	TIJ 1OU			
Introduction to Computer Studies- Open	ICS 2O0			
Introduction to Computer Programming- University	ICS 3U0			
Introduction to Computer Programming - College	ICS 3C0			
Computer Science - University	ICS 4U0			
Computer Programming - College	ICS 4C0			
Construction Technology - Open		TCJ 2O0		
Construction Technology – College			TCJ 3C0	TCJ 4C0
Custom Woodworking – Workplace			TWJ 3E0	TWJ 4E0
Technological Design		TDJ 2O0	TDJ 3M0	TDJ 4M0

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COURSES

	Grade 9	Grade 10	Grade 11	Grade 12
Computer Technology - Open		TEJ 200		
Computer Engineering: Robotics & Control Systems			TER 3M0	TER 4M0
Hospitality And Tourism		TFJ 2O0	TFJ 3C0	TFJ 4C0
Communications Technology – Open		TGJ 200		
Communication Technology- Animation			TGI 3M0	TGI 4M0
Communications Technology – TV, Video & Movie		TGJ 207		
Communications Technology: TV, Video and Movie			TGV 3M0	TGV 4M0
Manufacturing Technology - Open		TMJ 2O0		
Manufacturing: Robotics and Automation Systems			TMR 3M0	TMR 4M0

Supporting English Language Learners (ESL/ELD)

ENGLISH AS A SECOND LANGUAGE	Level 1	Level 2	Level 3	Level 4	Level 5
ESL	ESL A00	ESL B00	ESL C00	ESL D00	ESL E00

SUBJECT SUPPORT COURSES FOR ENGLISH LANGUAGE LEARNERS				
	Grade 9	Grade 10	Grade 11	Grade 12
Geography Of Canada – Academic	CGC 1DL			
Geography Of Canada - Applied	CGC 1PL			
Science – Academic	SNC 1DL			
Science - Applied	SNC 1PL			
Canadian History Since World War I – Academic		CHC 2DL		
Canadian History Since World War I – Applied		CHC 2PL		

SPECIALIST HIGH SKILLS MAJOR (SHSM)

INFORMATION AND COMMUNICATIONS TECHNOLOGY

In order to meet the high demand in the coming years for quality skilled workers in the Information and Communications Technology Industry, Castlebrooke Secondary School is excited to offer this unique program. The SHSM program at our school will focus on two areas of ICT – Interactive Digital Media and Digital Systems Engineering. Option #1 is more for the arts/technology (right brained) students with a focus on computer animation, video and radio broadcasting, video gaming production and Apps development. Option #2 is more for the technology/math/science (left brained) students with a focus on computer programming, computer engineering and M2M Robotics (systems controls). The Specialist High Skills Major (SHSM) at CSS involves students completing a package of courses that meets the needs of all students with an interest in developing the skills necessary for a career in the Information and Communications Technology Industry. The Information and Communications Technology Industry acknowledges and supports the program through certification and appropriate industry placements.

In order to complete an SHSM in Information and Communications Technology, students:

1. Complete a bundle of 9 specific courses (see chart below);
2. Complete Sector Certifications and/or training programs;
3. Participate in experiential learning and career exploration activities within the sector (e.g. co-op work experience, job shadowing, job twinning);
4. Learn and document the industry Essential Skills and work habits using the Ontario Skills Passport;
5. Gain “Reach Ahead” experience connected to the student’s post-secondary plans.

SHSM students may complete credits from any pathway in combination according to the following chart:

	Apprenticeship		College		University		Workplace	
	Grade 11	Grade 12	Grade 11	Grade 12	Grade 11	Grade 12	Grade 11	Grade 12
Major Credits (4 credit) 4 credits total from a combination of Grade 11 and Grade 12 courses • Animation Media OR • System Engineering	ASM 3M AWD 3M TDJ 3M TGI 3M TGV 3M	AWD 4M TDJ 4M TGI 4M TGV 4M	ASM 3M TGI 3M TGV 3M	TDJ 4M TGI 4M TGV 4M SPH 4C	ASM 3M TGI 3M TGV 3M	TDJ 4M TGI 4M TGV 4M SPH 3U SPH 4U	ASM 3M TDJ 3M TGI 3M	TDJ 4M TGI 4M
	ICS 3C TER 3M	ICS 4C TER 4M	ICS 3C TDJ 3M TMR 3M	ICS 4C TEJ 4M TDJ 4M TER 4M TMR 4M	ICS 3U TDJ 3M	ICS 4U TEJ 4M TDJ 4M TMR 4M	BTA 3O	
English (1 credit)	ENG 3C ENG 3E	ENG 4C ENG 4E	ENG 3C	ENG 4C	ENG 3U	ENG 4U	ENG 3E	ENG 4E
Mathematics (1 credit)	MEL 3E MBF 3C		MBF 3C MCF 3M		MCF 3M MCR 3U		MEL 3E MBF 3C	
Other Required Credits (1 credits)	AVI 3M ASM 3M BTA 3O BMI 3C BDI 3C SVN 3M	BBB 4M SCH 4C	AVI 3M ASM 3M BTA 3O BMI 3C BDI 3C SVN 3E SVN 3M SPH 3U	BBB 4M SCH 4C	AVI 3M ASM 3M BTA 3O BMI 3C BDI 3C SVN 3E SVN 3M	BBB 4M SCH 3U	AVI 3M ASM 3M BTA 3O BMI 3C BDI 3C SVN 3E SVN 3M SPH 3U	BBB 4M SCH 4C
Co-op (2 credits)	Associated co-op credits linked to a course in the Pathway Chart							

* For additional information on specific SHSM program course requirements, see a school guidance counsellor.

SPECIALIST HIGH SKILLS MAJOR (SHSM)

SPORTS

Our SHSM program in Sports at Castlebrooke SS has a focus on personal development, interpersonal skills and leadership. All students will gain knowledge about physical fitness and health education, kinesiology, recreation and leisure activities. The in-school program consists of a bundle of courses in each of the areas which will provide the necessary knowledge and skills to enhance student learning. Students will be involved in reach ahead experiences and exposure to post-secondary institutions such as the University of Waterloo as well as Humber and Sheridan Colleges. Students will also have an opportunity for job shadowing and job twinning experiences. There will be sector recognized certifications in WHMIS, AED, First Aid, CPR, as well as coaching (NCCP), High Five, taping and wrapping.

In order to complete an SHSM in Sports, students

1. Complete a bundle of 9 specific courses (see chart below);
2. Complete Sector Certifications and/or training programs;
3. Participate in experiential learning and career exploration activities within the sector (e.g. co-op work experience, job shadowing, job twinning);
4. Learn and document the industry Essential Skills and work habits using the Ontario Skills Passport;
5. Gain "Reach Ahead" experience connected to the student's post-secondary plans.

SHSM students may complete credits from any pathway in combination according to the following chart:

	Apprenticeship		College		University		Workplace	
	Grade 11	Grade 12	Grade 11	Grade 12	Grade 11	Grade 12	Grade 11	Grade 12
Major Credits (4 credits) 4 credits total from a combination of Grade 11 and Grade 12 courses <ul style="list-style-type: none"> • Sports Medicine OR • Sports Media 	PAF 30 PAL 30 PPL 30 PAI 30	PAF 40 PAL 40 PPL 40 PAI 40	PAF 30 PAL 30 PPL 30 SBI 3C HPC 3C HSP 3C	PAF 40 PAL 40 PLF4M PPL 40 SCH 4C	PAF 30 PAL 30 PPL 30 SBI 3U SCH 3U CLU 3M HSP 3U	PSK 4U PLF 4M SCH 4U SBI 4U SNC 4M	PAF 30 PAL 30 PPL 30 PAI 30	PAF 40 PAL 40 PPL 40 PAI 40
	PAF 30 PAL 30 PPL 30 TGV 3M PAI 30	PAF 40 PAL 40 PPL 40 PAI 40 TGV 4M	PAF 30 PAL 30 PPL 30 TGV 3M PAI 30	PAF 40 PAL40 PPL 40 PAI 40 TGV4M	PAF 30 PAL 30 PPL 30 PAI 30 TGV 3M	PAF 40 PAL40 PPL 40 PAI 40 TGV 4M	PAF 30 PAL 30 PPL 30 PAI 30 TGV 3M	PAF 40 PAL 40 PPL 40 PAI 40 TGV 4M
English (1 credit)	ENG 3C ENG 3E	ENG 4C ENG 4E	ENG 3C	ENG 4C	ENG 3U	ENG 4U	ENG 3E	ENG 4E
Mathematics (1 credit)	MEL 3E MBF 3C		MBF 3C MCF 3M		MCF 3M MCR 3U		MEL 3E MBF 3C	
Other Required Credits (1 credit)	ASM 3M BTA 30 BMI 3C BDI 3C SVN 3E SVN 3M SPH 3U	EWC 4U EWC 4C SPH 4C BOH 4M IDC 300	ASM 3M BTA 30 BMI 3C BDI 3C SVN 3E SVN 3M SPH 3U	EWC 4U EWC 4C SPH 4C BOH 4M IDC 300	ASM 3M BTA 30 BMI 3C BDI 3C SVN 3E SVN 3M SPH 3U	EWC 4U SPH 4C BOH 4M IDC 300	ASM 3M BTA 30 BMI 3C BDI 3C SVN 3E SVN 3M SPH 3U	EWC 4U EWC 4C SPH 4C BOH 4M IDC 300
Co-op (2 credits)	Associated co-op credits linked to a course in the Pathway Chart							

* For additional information on specific SHSM program course requirements, see a school guidance counsellor.

EXPLORE HIGH SKILLS (EHS)

SPORTS AND INFORMATION COMMUNICATION TECHNOLOGY (ICT)

Explore High Skills is sector-related program in grade 9 and 10 and is available to students in all skill levels and in all pathways. At Castlebrooke, Explore High Skills is offered in Sports and Information Communication Technology. The program in grade 9 provides unique learning experiences to engage students as they transition to high school. Students can focus their learning on an area of interest as they build self-confidence, learn essential skills, and develop a sense of belonging in school and in the community.

Explore High Skills programs reflect the following areas of teaching and learning:

Curriculum connections

Sector-related learning activities allow students to make direct connections between their classroom learning, career exploration, pathway plans and the workplace.

Development of Learning Skills and the Individual Pathway Plan (IPP)

The development of Ministry of Education Learning Skills (responsibility, organization, independent work, collaboration, initiative and self-regulation) help students set short- and long-term goals in planning for their future.

Experiential learning and certifications

To prepare for learning and working in the sector, students participate in related community involvement and experiential learning, and earn sector-recognized certifications.

EHS students may complete a combination of credits from any pathway (according to the following chart):

SECTOR	COURSE			
	Grade 9 Anchor Courses		Grade 10 Anchor Courses	
	(Choose 1 from each subject area)		(Choose 1 from each subject area)	
SPORTS	PPL 1OM PPL 1OF	CGC 1DU CGC 1PU CGC 1LU	PPL 2OM PPL 2OF PAF 2OM PAF 2OF	CHC 2DU CHC 2PU
ICT	TIJ 1OU	SNC 1DU SNC 1PU SNC 1LU	ICS 200 TCJ 200 TDJ 200 TEJ 200 TGJ 200 TMJ 200	SNC 2DU SNC 2PU SNC 2LU
Additional Criteria	<p>Explore High Skills students will participate in:</p> <ul style="list-style-type: none"> • focused learning activities related to the sector that allow students to make connections between their classroom learning and their pathway plans • community involvement where students participate in 20 hours of approved, sector-related volunteer activities that count towards their high school diploma • learning skills development with specific connections made to skills required in the workplace • certification and training in grade 9 or 10 that is sector-recognized in the workplace • an experiential learning activity in grade 9 or 10, supported by business, community, and/or industry partners • Individual Pathway Plan (IPP) development in myBlueprint, including post-secondary planning, career exploration, resume building and more 			

* For additional information on specific EHS program requirements, visit www.peelschools.org/ExploreHighSkills or see a school guidance counsellor

EXPLORE HIGH SKILLS (EHS)

SPORTS AND INFORMATION COMMUNICATION TECHNOLOGY (ICT)

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	(Choose 1 from each subject area)		(Choose 1 from each subject area)	
SPORTS	PPL 1OM PPL 1OF	CGC 1DU CGC 1PU CGC 1LU	PPL 2OM PPL 2OF PAF 2OM PAF 2OF	CHC 2DU CHC 2PU
ICT	TIJ 1OU	SNC 1DU SNC 1PU SNC 1LU	ICS 200 TCJ 200 TDJ 200 TEJ 200 TGJ 200 TMJ 200	SNC 2DU SNC 2PU SNC 2LU
Additional Criteria	<p>Explore High Skills students will participate in:</p> <ul style="list-style-type: none"> focused learning activities related to the sector that allow students to make connections between their classroom learning and their pathway plans community involvement where students participate in 20 hours of approved, sector-related volunteer activities that count towards their high school diploma learning skills development with specific connections made to skills required in the workplace certification and training in grade 9 or 10 that is sector-recognized in the workplace an experiential learning activity in grade 9 or 10, supported by business, community, and/or industry partners Individual Pathway Plan (IPP) development in myBlueprint, including post-secondary planning, career exploration, resume building and more 			

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