

St. Joan of Arc Catholic Secondary School

Grade 9 Course Calendar and Reference Guide 2009-2010





St. Joan of Arc Catholic Secondary School
3801 Thomas St.
Mississauga, Ontario
L5M 7G2

Tel: (905) 285 0050
Fax: (905) 285 0737

Website:
www.dpcdsb.org/joana

Principal:
C. Pitoscia

Vice-Principal:
D. Danis
M. O'Grady

Family of Schools:
Mississauga North

Family Superintendent:
M. Prospero

Trustees:
S. Hobin
E. O'Toole

Chaplain:
J. McLevey

Student Population:
1251

Highlights:

- ❖ State of the art facilities for Science, Technology, Visual and Performing Arts, and all subject areas;
- ❖ 31 classrooms equipped with SMART Boards for enhance pedagogical opportunities;
- ❖ Over 30% of the student population consistently achieve honour roll status;
- ❖ University linked scientific based research student involvement in the field of Biotechnology;
- ❖ 7 focused areas in Technological Studies including Communication Technology, Robotics, Landscaping / Horticulture, and a designated Hospitality Pathway Program;
- ❖ Dedicated community outreach program: VOICE – Venturing Out in Christ's Eyes;
- ❖ Strong athletic program in bantam, junior, senior and varsity teams;
- ❖ Commanding Visual and Performing Arts program including award winning concert bands and choirs, drama and musical productions, and notable visual artistic creations.

More about St. Joan of Arc CSS:

- ❖ St. Joan of Arc Catholic Secondary School was founded in 2004. We are the third high school in Mississauga to be in partnership with the City of Mississauga. We share a community library and community centre with the City of Mississauga.
- ❖ We are proud to be named after a young person who exemplified incredible courage, commitment and confidence in her faith. St. Joan of Arc was martyred at the young age of 19 because of her steadfastness and belief in her faith and her actions. As a community, we strive to embody this courage and belief through the teachings of Jesus Christ. Our school motto "Courage to Believe" connects us to the spirit of St. Joan of Arc and to the potential that exists for every student who enrolls at this school.
- ❖ At St. Joan of Arc we are committed to ensuring that each student establishes a personal connection to the school in order to support student success for all.

St. Joan of Arc Catholic Secondary School

Est 2004

Mission Statement

The mission of the St. Joan of Arc Catholic Secondary School community is to:

- Be a faith-centered, inviting, interactive, collaborative, safe community dedicated to excellence in teaching and learning*
- Communicate and model a Catholic Faith that gives witness to the teachings of Jesus Christ*
- Commit to ensuring students establish a personal connection to the school*
- Encourage students to develop values, skills, and confidence necessary in becoming life long learners*
- Embody enthusiasm, pride, and respect as individuals and as members of a larger diverse community.*
- Value the contribution of students, staff, parents, the parish, and community at large*

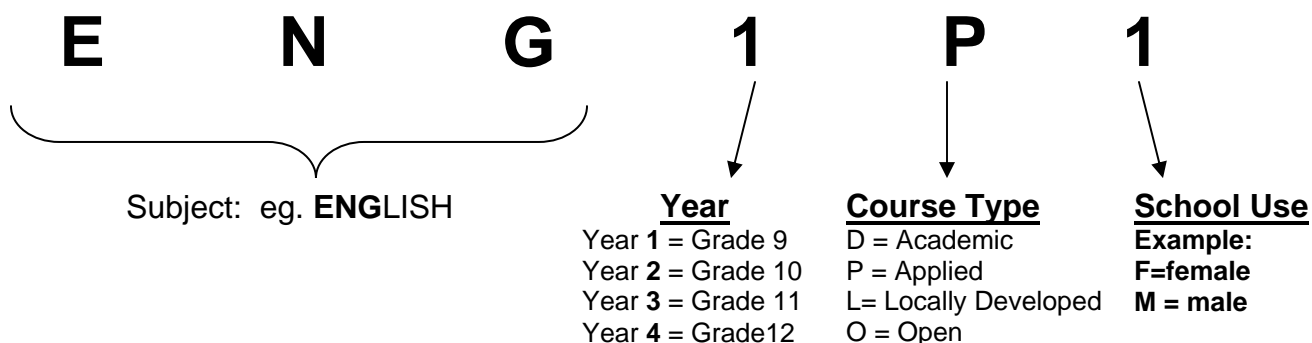
As a teenager, St. Joan of Arc exemplified incredible courage, spirit, commitment, and confidence in her faith and in her actions. These characteristics are reflected in words spoken by St. Joan of Arc "I fear nothing, for God is with me," and, in our school motto:

“COURAGE TO BELIEVE”

Welcome to High School

St. Joan of Arc Catholic Secondary School is a semestered school. Students in Grade 9 will take four courses in Semester 1 from September through January and four different courses from February through June. It is important to consider all the options before selecting courses for the upcoming year.

Understanding Course Codes



GRADE 9 COMPULSORY COURSES

There are seven compulsory subjects in Grade 9:

1. Religious Education HRE101	5. Healthy Active Living PPL1OF PPL1OM
2. Geography of Canada CGC1D1 CGC1P1	6. Mathematics MPM1D1 MFM1P1 MAT1L1
3. English ENG1D1 ENG1P1 ENG1L1 ESL	7. Science SNC1D1 SNC1P1 SNC1L1
4. French FSF1D1 FSF1P1	

COMPULSORY COURSE DESCRIPTIONS

Religious Education: Be With Me, Grade 9, Open

HRE101

This course invites students to a deeper understanding of both the joy and the demands of following in the way of Christ and living out the call to discipleship as it is described in the Scriptures. Using the Beatitudes as a touchstone, students examine the attitudes and actions that characterize the Christian life. Students will explore a variety of topics related to the themes of personhood, interpersonal relationships and sexuality. They are encouraged to understand and nurture within themselves the virtues which will enable them to deepen their relationship with God in and through Christ in the context of a Spirit-filled community.

Prerequisite: none

English, Grade 9, Academic

ENG1D1

This course is designed to develop the oral communication, reading, writing, and media literacy skills that students need for success in their secondary school academic programs and in their daily lives. Students will analyse literary texts from contemporary and historical periods, interpret informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on the use of strategies that contribute to effective communication. The course is intended to prepare students for the Grade 10 academic English course, which leads to university or college preparation courses in Grades 11 and 12.

Prerequisite: none

English, Grade 9, Applied

ENG1P1

This course is designed to develop the key oral communication, reading, writing, and media literacy skills students need for success in secondary school and daily life. Students will read, interpret, and create a variety of informational, literary, and graphic texts. An important focus will be on identifying and using appropriate strategies and processes to improve students' comprehension of texts and to help them communicate clearly and effectively. The course is intended to prepare students for the Grade 10 applied English course, which leads to college or workplace preparation courses in Grades 11 and 12.

Prerequisite: none

English, Grade 9, Locally Developed Compulsory Credit

ENG1L1

This course provides foundational literacy and communication skills to prepare students for success in their daily lives, in the workplace, and in the Grade 10 Locally Developed Compulsory Credit Course. The course is organized into strands that develop listening and talking skills, reading and viewing skills, and writing skills. In all strands, the focus is on developing foundational literacy skills and on using language clearly and accurately in a variety of authentic contexts. Students develop strategies and put into practice the processes involved in talking, listening, reading, viewing, writing, and thinking, and reflect regularly upon their growth in these areas.

Prerequisite: none

English as a Second Language ESL Level 1, Open (ESLAO)

This course builds on students' previous education and language knowledge to introduce them to the English language and help them adjust to the diversity in their new environment. Students will use beginning English language skills in listening, speaking, reading, and writing for everyday and essential academic purposes. They will engage in short conversations using basic English language structures and simple sentence patterns; read short adapted texts; and write phrases and short sentences. The course also provides students with the knowledge and skills they need to begin to adapt to their new lives in Canada.

English as a Second Language ESL Level 2, Open (ESLBO)

This course extends students' listening, speaking, reading, and writing skills in English for everyday and academic purposes. Students will participate in conversations in structured situations on a variety of familiar and new topics; read a variety of texts designed or adapted for English language learners; expand their knowledge of English grammatical structures and sentence patterns; and link English sentences to compose paragraphs. The course also supports students' continuing adaptation to the Ontario school system by expanding their knowledge of diversity in their new province and country.

English as a Second Language ESL Level 3, Open (ESLCO)

This course further extends students' skills in listening, speaking, reading, and writing in English for a variety of everyday and academic purposes. Students will make short classroom oral presentations; read a variety of adapted and original texts in English; and write using a variety of text forms. As well, students will expand their academic vocabulary and their study skills to facilitate their transition to the mainstream school program. This course also introduces students to the rights and responsibilities inherent in Canadian citizenship, and to a variety of current Canadian issues.

English as a Second Language ESL Level 4, Open (ESLDO)

This course prepares students to use English with increasing fluency and accuracy in classroom and social situations and to participate in Canadian society as informed citizens. Students will develop the oral-presentation, reading, and writing skills required for success in all school subjects. They will extend listening and speaking skills through participation in discussions and seminars; study and interpret a variety of grade-level texts; write narratives, articles, and summaries in English; and respond critically to a variety of print and media texts.

Core French, Grade 9, Academic**FSF1D1**

This course emphasizes the further development of oral communication, reading, and writing skills. Students will build on and apply their knowledge of French while exploring a variety of themes, such as relationships, social trends, and careers. Thematic readings, which include a selection of short stories, articles, and poems, will serve as stepping stones to oral and written activities.

Prerequisite: none

Core French, Grade 9, Applied**FSF1P1**

This course emphasizes the concurrent development of oral communication, reading, and writing skills, using a broad-based theme such as the media. Students will enhance their ability to understand and speak French through conversations, discussions, and presentations. They will also read short stories, articles, poems, and songs, and write brief descriptions, letters, dialogues, and invitations.

Prerequisite: none

Geography of Canada, Grade 9, Academic**CGC1D1**

This course explores Canada's distinct and changing character and the geographic systems and relationships that shape it. Students will investigate the interactions of natural and human systems within Canada, as well as Canada's economic, cultural, and environmental connections to other countries. Students will use a variety of geotechnologies and inquiry and communication methods to analyse and evaluate geographic issues and present their findings.

Prerequisite: none**Geography of Canada, Grade 9, Applied****CGC1P1**

This course focuses on geographic issues that affect Canadians today. Students will draw on personal and everyday experiences as they learn about Canada's distinct and changing character and the natural and human systems and global influences that shape the country. Students will use a variety of geotechnologies and inquiry and communication methods to examine practical geographic questions and communicate their findings.

Prerequisite: none**Healthy Active Living Education, Grade 9, Open****PPL1OF-females/PPL1OM-males**

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. There will be an additional fee for this course.

Prerequisite: none**Principles of Mathematics, Grade 9, Academic****MPM1D1**

This course enables students to develop an understanding of mathematical concepts related to algebra, analytic geometry, and measurement and geometry through investigation, the effective use of technology, and abstract reasoning. Students will investigate relationships, which they will then generalize as equations of lines, and will determine the connections between different representations of a linear relation. They will also explore relationships that emerge from the measurement of three-dimensional figures and two-dimensional shapes. Students will reason mathematically and communicate their thinking as they solve multi-step problems.

Prerequisite: none**Foundations of Mathematics, Grade 9, Applied****MF1P1**

This course enables students to develop an understanding of mathematical concepts related to introductory algebra, proportional reasoning, and measurement and geometry through investigation, the effective use of technology, and hands-on activities. Students will investigate real-life examples to develop various representations of linear relations, and will determine the connections between the representations. They will also explore certain relationships that emerge from the measurement of three-dimensional figures and two-dimensional shapes. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

Prerequisite: none

Mathematics, Grade 9, Locally Developed Compulsory Credit**MAT1L1**

This course emphasizes further development of mathematical knowledge and skills to prepare students for success in their everyday lives, in the workplace, and in the Grade 10 Locally Developed Compulsory Credit Course. The course is organized in three strands related to money sense, measurement, and proportional reasoning. In all strands, the focus is on developing and consolidating key foundational mathematical concepts and skills by solving authentic, everyday problems. Students have opportunities to further develop their mathematical literacy and problem-solving skills and to continue developing their skills in reading, writing, and oral language through relevant and practical math activities.

Prerequisite: none**Science, Grade 9, Academic****SNC1D1**

This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, and physics, and to relate science to technology, society, and the environment. Throughout the course, students will develop their skills in the processes of scientific investigation. Students will acquire an understanding of scientific theories and conduct investigations related to sustainable ecosystems; atomic and molecular structures and the properties of elements and compounds; the study of the universe and its properties and components; and the principles of electricity.

Prerequisite: none**Science, Grade 9, Applied****SNC1P1**

This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, and physics, and to apply their knowledge of science to everyday situations. They are also given opportunities to develop practical skills related to scientific investigation. Students will plan and conduct investigations into practical problems and issues related to the impact of human activity on ecosystems; the structure and properties of elements and compounds; space exploration and the components of the universe; and static and current electricity.

Prerequisite: none**Science, Grade 9, Locally Developed Compulsory Credit****SNC1L1**

This course emphasizes reinforcing and strengthening science-related knowledge and skills, including scientific inquiry, critical thinking, and the relationship between science, society, and the environment, to prepare students for success in everyday life, in the workplace, and in the Science Grade 11 Workplace Preparation course. Students explore a range of topics, including science in daily life, properties of common materials, life-sustaining processes in simple and complex organisms, and electrical circuits. Students have the opportunity to extend mathematical and scientific process skills and to continue developing their skills in reading, writing, and oral language through relevant and practical science activities.

Prerequisite: none

ELECTIVE COURSE DESCRIPTIONS

Students in grade 9 will choose one of the following elective courses:

Information and Communication Technology in Business, Learning Strategies, Music – Instrumental or Visual Arts,

Information and Communication Technology in Business, Grade 10, Open

BTT10

This course introduces students to information and communication technology 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. 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.

Prerequisite: none

Learning Strategies 1: Skills for Success in Secondary School, Grade 9, Open

GLS10

This course focuses on learning strategies to help students become better, more independent learners. Students will learn how to develop and apply literacy and numeracy skills, personal-management skills, and interpersonal and teamwork skills to improve their learning and achievement in school, the workplace, and the community. The course helps students build confidence and motivation to pursue opportunities for success in secondary school and beyond.

Prerequisite: none

Learning Strategies 1: Skills for Success in Secondary School, Grade 9, Open

GLE10

This course introduces students to learning theories and strategies, prepares them to become effective independent learners, and helps them increase their personal management skills, both in school and other contexts. Students will acquire important skills in using assistive technology software such as *Kurzweil*, *Inspiration*, and *Write Out Loud* throughout the course. The course helps students to build confidence and motivation to pursue opportunities for success in secondary school and beyond.

Prerequisite: Recommendation of principal

Music, Instrumental, Grade 9, Open

AMI10

This course emphasizes the performance of music at a level that strikes a balance between challenge and skill and is aimed at developing technique, sensitivity, and imagination. Students will participate in creative activities that teach them to listen with understanding. They will also learn correct musical terminology and its appropriate use. This course focuses on learning to play a concert band instrument and the student will be required to participate in the Junior Band. There will be an additional fee for this course.

Prerequisite: none

Visual Arts, Grade 9, Open

AVI10

This course offers an overview of visual arts as a foundation for further study. Students will become familiar with the elements and principles of design and the expressive qualities of various materials through working with a range of materials, processes, techniques, and styles. They will learn and use methods of analysis and criticism and will study the characteristics of particular historical art periods and a selection of Canadian art and the art of other cultures.

No previous drawing experience is required. There will be an additional fee for this course

Prerequisite: none

Course Planning Chart 2009-2010

GRADE 9	GRADE 10	GRADE 11	GRADE 12	
YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5
RELIGION	RELIGION	RELIGION	RELIGION	
ENGLISH	ENGLISH	ENGLISH	ENGLISH	
MATHEMATICS	MATHEMATICS	MATHEMATICS		
SCIENCE	SCIENCE			
CANADIAN. GEOGRAPHY	CANADIAN. HISTORY			
FRENCH	CIVICS /CAREER STUDIES			
PHYSICAL & HEALTH ED.				

Additional compulsory courses to be added

1 Arts credit

1 *additional* credit in English, or a third language, or Social Sciences & Humanities, or Canadian & World Studies or Guidance and Career Education or Cooperative Education

1 additional credit in Health & Physical Education, or the Arts, or Business Studies., or Cooperative Education

1 additional credit in Science Grade 11 - 12 or Technological Studies 9-12 or Computer Studies 10-12 or Cooperative Education

Note: A maximum of 2 Cooperative Education credits can be used to meet these additional compulsory requirements

DEPARTMENT/Course Title	MINISTRY COURSE CODES																
	YEAR 1				YEAR 2				YEAR 3				YEAR 4				
	Open	L.D.C.C.	Applied	Academic	Open	L.D.C.C.	Applied	Academic	Open	Workplace	College	Univ/Col	Univ/Col	Open	Workplace	College	Univ/Col

THE ARTS																								
Dramatic Arts					ADA2O				ADA3O				ADA3M				ADA4O				ADA4M			
Media Arts (yearbook)					ASM2O				ASM3O															
Music - Instrumental	AMI1O				AMI2O								AMI3M								AMI4M			
Music – Instrumental - no concert band					AMI2OB																			
Music - Vocal					AMV2O								AMV3M								AMV4M			
Visual Arts	AVI1O				AVI2O								AVI3M								AVI4M			
Visual Arts - no previous Visual Art					AVI2OB																			

BUSINESS STUDIES																								
Financial Accounting													BAF3M								BAT4M			
Introduction to Business					BBI2O																			
Introduction to Information Technology	BTT1O																							
Introduction to Entrepreneurial Studies													BDI3C											
Introduction to Marketing													BMI3C											
International Business																					BBB4M			

CANADIAN & WORLD STUDIES																								
CIVICS																								
Civics 0.5 credit					CHV2O																			
ECONOMICS																								
Analysing Current Economic Issues																								CIA4U
GEOGRAPHY																								
Geography of Canada			CGC1P1	CGC1D1																				
Travel & Tourism									CGG3O															
Geomatics: Geotechnologies in Action																					CGO4M			
Canadian and World Issues																								CGW4U
HISTORY																								
Canadian History since World War I									CHC2L	CHC2P	CHC2D													
World History to the Sixteenth																	CHW3M							
World History: The West and the																					CHY4C			CHY4U
LAW																								
Understanding Canadian Law													CLU3E				CLU3M							
POLITICS																								
Canadian and World Politics																								CPW4U

COMPUTER STUDIES																								
Computer Programming					ICS2O												ICS3U							ICS4U

COOPERATIVE EDUCATION																								
Two Credit													COP2O								COP2O			
Four Credit													COP4O								COP4O			

ENGLISH																								
English		ENG1L	ENG1P1	ENG1D1		ENG2L	ENG2P	ENG2D		ENG3E	ENG3C		ENG3U		ENG4E	ENG4C		ENG4U						
Media Studies									EMS3O															
The Writer's Craft																							EWC4U	
Presentation and Speaking Skills									EPS3O															

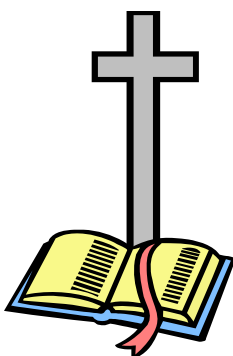
ENGLISH AS A SECOND LANGUAGE																							
ESL Levels 1 - 4					Level 1 (ESLAO),	Level 2 (ESLBO),	Level 3 (ESLCO),	Level 4 (ESLDO)	- available to all ESL students in all grades														

DEPARTMENT/Course Title	YEAR 1				YEAR 2				YEAR 3					YEAR 4				
	Open	L.D.C.C.	Applied	Academic	Open	L.D.C.C.	Applied	Academic	Open	Workplace	College	Univ/Coll	University	Open	Workplace	College	Univ/Coll	University
FRENCH AS A SECOND LANGUAGE																		
Core French			FSF1P	FSF1D			FSF2P	FSF2D					FSF3U					FSF4U
GUIDANCE & ACADEMIC RESOURCE																		
Career Studies (0.5 credit)					GLC2O													
Designing Your Future										GWL3O								
Leadership and Peer Support										GPP3O								
Learning Strategies	GLS1O																	
Learning Strategies for students with an IEP	GLE1O				GLE2O					GLE3O					GLE4O			
HEALTH & PHYSICAL EDUCATION																		
Healthy Active Living Female	PPL1OF				PPL2OF													
Healthy Active Living Male	PPL1OM				PPL2OM													
Healthy Active Living Co-ed										PPL3O					PPL4O			
Personal and Fitness Activities Female										PAF3OF					PAF4OF			
Personal and Fitness Activities Male										PAF3OM					PAF4OM			
Exercise Science																		PSE4U
MATHEMATICS																		
Locally Developed Mathematics			MAT1L				MAT2L											
Foundations of Mathematics			MFM1P1				MFM2P											
Principles of Mathematics				MPM1D1				MPM2D										
Functions													MCR3U					
Functions and Applications											MCF3M							
Mathematics for Work and Everyday Life									MEL3E					MEL4E				
Foundations for College Mathematics										MBF3C						MAP4C		
Mathematics for College Technology																MCT4C		
Mathematics for Data Management																		MDM4U
Advanced Functions																		MHF4U
Calculus and Vectors																		MCV4U
THEOLOGY																		
Religious Education	HRE1O				HRE2O				HRE3O			HRE3M		HRE4O				HRE4M
Philosophy																		HZT4U
SOCIAL SCIENCES & HUMANITIES																		
Intro. to Anthropology, Psychology, & Sociology												HSP3M						
Challenge and Change in Society																		HSB4M
Parenting									HPC3O									
Individuals and Families in a Diverse																		HHS4M
SCIENCE																		
Biology											SBI3C		SBI3U					SBI4U
Chemistry													SCH3U			SCH4C		SCH4U
Environmental Science									SVN3E									
Physics													SPH3U			SPH4C		SPH4U
Science		SNC1L	SNC1P	SNC1D			SNC2P	SNC2D										
TECHNOLOGICAL STUDIES																		
Communication Technology					TGJ2O							TGJ3M						TGJ4M
Computer Technology					TEJ2O							TEJ3M						TEJ4M
Construction Technology					TCJ2O						TCJ3C						TCJ4C	
Construction Technology – 2 credit																	TCJ4C2	
Green Industries					THJ2O					THJ3E		THJ3M			THJ4E			THJ4M
Hairstyling and Aesthetics					TXJ2O					TXJ3E					TXJ4E			
Health Care											TPJ3C	TPJ3M			TPJ4E			TPJ4M
Health Care: Child Care and Gerontology																		TOJ4C
Hospitality & Tourism					TFJ2O						TFJ3C							TFJ4C
Transportation Technology					TTJ2O				TTJ3O		TTJ3C				TTJ4E			TTJ4C

Student Clubs & Activities



Biotech
 Chamber Choir
 Chess Club
 Concert Choir
 Dance Club
 D.E.C.A
 Drama Club
 Environmental Club
 Fashion Club
 Free the Children
 Graduation Prom Committee
 Junior Concert Band
 Intermediate Concert Band
 Senior Concert Band
 Math Competitions



Multicultural Evening
 Musical Production (School Play)
 Programming Contests
 Robotics
 S.T.E.P - Peer Tutoring Club
 Science Fair
 Skills Canada Competition
 S.O.F.A. - Society of Fine Artists
 Sound & Light Club
 Student Council
 Talent Show
 Tuck Shop
 V.O.I.C.E - Venturing Out in Christ's Eyes
 X-Awards
 Yearbook



Sports

Fencing
 Kick It! Aerobics
 Ski & Snowboarding Club
 Spirit Squad
 Weight Training Club
 Yoga



Basketball - girls
 Cross Country - co-ed
 Golf - co-ed
 Football - boys
 Flag Football - girls
 Tennis - co-ed
 Volleyball - boys

Badminton - co-ed
 Baseball
 Soccer - boys
 Soccer - girls
 Special Event Track & Field
 Track & Field - co-ed



Curling - co-ed
 Basketball - boys
 Hockey - boys
 Table Tennis - co-ed
 Volleyball - girls



www.dpcdsb.org/joana