

JOHNSTON HEIGHTS SECONDARY SCHOOL

IB MYP World School 2017

Grade 9

Course Selection 2023-2024

Class of 2027



The Home of Eagle Pride

Introduction

At Johnston Heights Secondary School, we are a learning community of over 1400 students and staff from grades 8 to 12. We have a strong tradition of excellence in Academics, Fine Arts, Practical Arts, Citizenship, Athletics, and Career Development. In 2017, we became an authorized International Baccalaureate (IB) Middle Years Programme (MYP) school. We are now extending our IB experiences to our senior grades as we embark on the journey of becoming an IB Diploma Programme (DP) school.

The courses offered at Johnston Heights follow the guidelines set out by the BC Ministry of Education, the Surrey School District, and the IB Middle Years Programme. Along with this book, the school's website is a useful source of course selection and school information <http://www.surreyschools.ca/schools/johnht/>. This course selection book is produced to assist you in understanding your course selection choices within the International Baccalaureate philosophical structure.

Administrative Team:	Ms. S. Beyer	Principal		
	Ms. C. Moennick	Vice-Principal	(A-Lan)	
	Ms. J. MacDonald	Vice-Principal	(Lap-Z)	
Counsellors:	Ms. T. Tifenbach (A-D)	Mr. M. Sharma (E-Lan)	Ms. R. Flack/ Ms. Gill (Lap-Roy)	Ms. E. Domingo (Rr-Z)

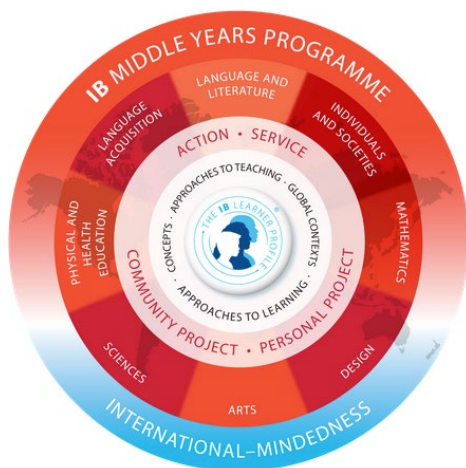
Course Planning

The courses at Johnston Heights Secondary follow guidelines set out by the Ministry of Education, Surrey School Board and International Baccalaureate Middle Years Program. The courses you choose may help you to explore new fields and perhaps find capabilities and interests you never knew you had.

Selecting elective courses is an important process and should be carried out in consultation with parents. Because courses with insufficient enrolment will not be offered, it is important that students choose alternate electives with care. Certain elective combinations will influence pathways for the student.

Please study the contents of this booklet carefully. If you have any questions or concerns, please speak to a school counsellor.

The IB Middle Years Programme



The International Baccalaureate (IB) Middle Years Programme is a framework of learning that encourages students to become creative, critical and reflective thinkers which:

- Emphasizes intellectual challenge, encouraging students to make connections between their studies in traditional subjects and the real world
- Fosters the development of skills for communication, intercultural understanding and global engagement — essential qualities for young people living in a connected world

The Middle Years Programme at Johnston Heights

- Addresses holistically students' intellectual, social, emotional and physical well-being
- Provides students opportunities to develop the knowledge, attitudes and skills they need in order to manage complexity and take responsible action for the future
- Ensures breadth and depth of understanding through study in eight subject groups
- Requires the study of at least two languages to support students in understanding their own cultures and those of others
- Empowers students to participate in service with the community
- Helps to prepare students for further education, the workplace and a lifetime of learning

Course Planning

In Grade 9, Course Selection includes the required 5 core courses, a language and two elective courses:

Core Courses – Required Courses:

- MYP Language & Literature 9
- MYP Individuals & Societies 9
- MYP Mathematics 9
- MYP Sciences 9
- MYP Physical & Health Education 9
- MYP Language Acquisition 9: French OR Spanish

Electives – Choose one from MYP Design and one from MYP Arts:

Design 9:

- Digital Design & Literacy
- Food Studies
- Product Design
- Textiles

Arts 9:

- Choir
- Concert Band
- Dance
- Drama
- Visual Arts

Required Courses

MYP Individuals & Societies 9

According to BC's Ministry of Education, the overarching goal of Social Studies is, "to develop graduates who have the skills, knowledge, and competencies to be active, informed citizens." To create such citizens, teachers focus on four main areas of achievement: Knowing and Understanding, Investigating, Communication and Thinking Critically. By engaging students in inquiry-based learning teachers are asking to students to 'uncover' the past rather than just covering the content.

Broad themes of study will cover the period from 1750 to 1919, and include revolutions, imperialism, colonialism, patterns of migration and population growth, nationalism, global conflicts and discrimination.

MYP Language & Literature 9 (English 9)

Through a variety of sources, including written, oral, visual and digital, students will develop the curricular competencies of Comprehending and Connecting; and Creating and Communicating. English 9 explores a rich diversity of texts to deepen understanding and develop students' ability to make connections, express ideas, and think critically. The activities and resources are selected to appeal to a range of interests and abilities and help to deepen understanding of self, identity, and humanity.

- Students will interact with a variety of fiction and non-fiction text types, including those of Canadian and Aboriginal origin, as well as a variety of text genres including informational, personal, narrative, and imaginative.
- Students will learn reading and metacognitive strategies before, during, and after reading to improve understanding and thinking. They will also study the impact of literary elements and devices.
- Students will study the writing process to enhance communication, the purpose and impact of a variety of communication forms and the structure, features, forms, conventions, and origins of language.

MYP Mathematics 9

This is the last course in the common K-9 framework. It is designed to prepare students for their choice of the Workplace mathematics, Foundations of Mathematics, or Pre-Calculus streams of the senior grades.

Topics covered in this course include problem solving with integers and order of operations, exponents, linear equations and relations, proportional reasoning, algebra, statistics in society and financial literacy. Emphasis of the course is to develop computational fluency through applied problem solving, and to develop mathematical skills of reasoning and analyzing, understanding and solving, communicating and representing, then connecting and reflecting. Students will connect the MYP (Middle Year Program) Approaches to Learning to their learning in this course.

MYP Physical & Health Education 9

The aim of MYP Physical and Health Education 9 is to enable all students to develop knowledge, movement skills, and positive attitudes and behaviors that contribute to a healthy, active lifestyle. It is expected that students successfully complete each level of Physical Health Education before proceeding to the next. The students will have the opportunity to:

- Participate in and experience a variety of performance and leisure-oriented activities
- Develop positive attitudes towards physical activities
- Develop positive personal and social health-related behaviours, and work cooperatively in group activities
- Acquire skills and knowledge necessary to develop an active and healthy lifestyle

Activities include individual and dual activities, team games, and dance. Examples of activities include: badminton, pickleball, weight training, basketball, softball, soccer, football, volleyball, lacrosse, field hockey, floor hockey, minor games, and various styles of dance.

MYP Sciences 9

The MYP Sciences 9 curriculum covers five major topics. The Processes of Science examines the Scientific Method and its application to the “real” world. Life Science studies cells, cell division and reproduction. Physical Science examines electricity and its impact on our society. Chemistry focuses on the elements and compounds that make up our world. Environmental Science focuses on matter cycles and sustainability. Success in Science 9 is ensured by student participation and attendance. Evaluation is based on A) Knowledge B) Experimental Design C) Analyzing and Interpreting Data and D) Scientific Literacy.

MYP Language Acquisition: French 9 or Spanish 9

The principal goal of our language program is to develop communication skills so that students will have the desire and ability to express themselves in real-life situations. Students should be aware that a grade 11 language course is a prerequisite for entry to many universities directly after graduation.

French 9

Students will further develop the four skills of listening, speaking, reading, and writing. There is an increased emphasis on reading and writing. Grammar points continue to be introduced as a tool to help students communicate in an effective manner. Students will continue to identify similarities between French cultures and their own. The themes encountered are: pastimes and hobbies, French cultural groups across Canada, and examining their own communities through the lens of communities in Québec.

Spanish 9

Students will further develop the four skills of listening, speaking, reading, and writing that they were introduced to in Grade 8. Spanish 9 aims to teach students to understand, speak, read and write the language so that they can begin to get along in a Spanish speaking community. Grammar points are introduced as a tool to help students communicate in an effective manner. The course also introduces students to the culture, traditions, and daily lives of Hispanic people. The students will encounter, through the text and video presentations, people from a variety of Spanish cultures including California, Puerto Rico, Mexico and Texas.

Elective #1: MYP Design – Choose one of the following

Digital Design & Literacy 9

Wherever you go, people are relying more on computers and technology than ever. This course builds on what students learned in MYP Design: Digital Design and Literacy 8 but can also be taken as a first digital design course!

In this course, students will explore a wide range of technologies: 3D modelling, website creation, audio and video production, video game programming, and photo editing. We investigate current design trends as well as good design principles. This course is designed for students who like to think about complex ideas, make projects, and work independently with others while using the 'Design Cycle' as a guide to produce work.

Software Used: Photoshop, Illustrator, After Effects, Premiere Pro, Blender

Foods and Nutrition 9

Develop your skills in planning, preparing and presenting nutritious foods. This course provides hands-on practice in the preparation and service of breakfast, lunch and dinner items. Highlights of the semester include:

- Calzone Design
- Casserole inventions
- Wok cooking
- Soups, burgers, pasta & breakfast foods
- Nutrition and Global Issues
- Quick breads, pastries and cookies

Students will use the IB MYP design cycle in order to explore concepts, ideas and issues that have both a local global significance.

Product Design 9

MYP Design teaches the mindset leading to the grade 10 Personal Project, graduation, and post-secondary studies. In addition to offering an inclusive environment, one of our goals is to create deeper connections and integration with the whole school and the community.

The JH Product Design team will put the MYP design cycle at the center of its teaching philosophy and guide its delivery model. A team approach where communication, collaboration, creativity, and compromise are valued. A mix of inquiry, problem, project, multidisciplinary and interdisciplinary based learning will be our focus and the vehicles for students to demonstrate real-life application of their acquired skills and knowledge.

This course encourages students to expand their skills, design creation, and problem-solving ability by providing hands on opportunities. The following units of study will be introduced to students throughout the course.

Different units may be offered each year from the following list:

- Product Design 101
- Design Cycle
- Woodwork / Joinery
- Metalworking
- Drafting/ AutoCAD / Inventor
- Architecture
- Engineering
- Robotics Arduino
- 3D Printing
- Rapid Prototyping
- Theatre Production
- Service Design

Textiles, Arts & Crafts 9

Learn to sew or increase the skills you have. Discover the world of fibers, fabrics, and care of clothing. No experience is needed to join in the fun! Highlights of the semester include:

- Using commercial patterns
- Make tops and bottoms, sew a hoodie
- Techniques to make buttonholes, zippers, make simple clothing repairs & much more
- Use your creative talents to explore your personal choices in fashion, to make fun crafts and to learn new skills
- Projects will be determined based on the interests of the participants

Elective #2: MYP Arts – Choose one of the following

Choir 8/9

In Choir 8-9, students will begin to explore the art of choral music in an ensemble setting. Students will be developing fundamental musicianship skills (ear training, note reading, solfege and rhythmic notations), vocal technique and ensemble work in preparation for senior level choral ensemble. All students are welcome, regardless of their previous music experience. Throughout the year, the students will participate and perform in various venues, including but not limited to JH Music Department music concerts, district festivals, and more in collaboration with local ensembles around BC.

Concert Band 9

Students will develop on skills learned in Band 7 and 8, and with one of the focuses as becoming a more unified ensemble. Musical concepts, such as notes, rhythms, blend, balance, and tuning will be further expanded. Students will be able to tackle music that is both more challenging and more exciting. There will be performances in school and at festivals. Limited instruments are available for rental from the school (\$120 for the year).

Note: Concert bands use the following instruments: flute, oboe, clarinet, bass clarinet, bassoon, saxophone (alto, tenor, and baritone), french horn, trumpet, trombone, baritone, euphonium, tuba, string bass, and percussion. Electric bass is not permitted in Band 9 onwards. Concert Band does **not** incorporate guitar, violin, or piano.

Dance 9

This course is an introductory technique course for beginner dancers that gives an overview of dance fundamentals across many genres. Students will study space and movement, the history and culture surrounding various genres of dance, and basic choreography skills. Students will engage in both sides of dance as choreographer and dancer. This course is intended to maximize student creativity, collaboration, and confidence by providing a safe space for students to explore new methods of artistic expression.

Drama 9

Curious, creative and dynamic students will enjoy the fun and challenge of MYP Arts: Drama 9. As students develop their imagination through play-building, improvisation and theatre sports, they also learn to work together on team projects, performed on stage in front of an audience. Students expand their acting skills, including character development and stage presence, through physical action, voice work, scripted

contemporary monologues and short scenes. Evaluation is based on daily attitude, participation and commitment, with set criteria made clear for each project. As they explore the fulfilling and complex art form of theatre, students will develop creativity and self-confidence, and will enjoy the rewards of team success as they work together towards the realization of a final product.

Visual Arts 9

MYP Arts: Visual Arts is a yearlong course which gives the student the opportunity to explore many aspects of art making including: drawing, painting, ceramics, sculpture and using mixed media. Through various projects students will be given the opportunity to research artists and respond to their research both intellectually and artistically as well as reflect on their own art making practices. The program is designed to enhance and build upon student's skills based and also foster their creativity and problem solving skills.

X-Block Courses – Outside Timetable:

Junior Jazz Band (Grade 8/9)

Junior Jazz Band is open to students in Grade 8 and 9 who have taken Concert Band 7 or 8 already (Junior Jazz Band builds on the skills gained in these courses). Students will be learning more specific styles and genres of music including Jazz, Rock, and Latin. This type of study involves a deeper look at rich musical texture as well as experimenting with improvisation in recognized musical forms. There will be performances in school concerts and possibly at festivals. Junior Jazz Band is an X Block course that takes place on Monday and Wednesday mornings before school starts (7am to 8:25am). Limited instruments are available for rental from the school (\$120 for the year).

Note: Jazz Band is composed of saxophones, trumpets, trombones, electric guitar, piano, electric bass/upright bass, vibraphone, and drum set only. Students who do not already play any of these instruments will have to learn a 2nd instrument. Students requesting to play electric guitar, piano, or drum set in Jazz Band must already be proficient on these instruments, including reading music. These instruments are too complicated to be taught during class time.

It is important that students and families determine if attending this class at 7am twice a week is feasible. This is a full-year course and attendance will be taken each class

Dance Company (Grade 9-12)

Required: Teacher Permission. Dance Company members need to audition to be considered for this after-school class. This course is appropriate for those with strong work ethic and previous dance experience either at school and/or at a studio. In this performance-based class, dancers will be improving their technique and creating choreography for stage. There will be multiple workshop and performance opportunities.

Theatre Company (Grade 9-12)

Theatre Company is a dynamic after-school class based on the model of a professional theatre company and produces a full and varied season of theatre each year. Active participation in theatre creates personal and cultural connections and reveals insight into the human experience. Theatre Company is the hands-on application of acting, directing, design, technical, backstage and managerial aspects, and permits students to showcase their talents and abilities in front of a public audience. Students work as a team to produce two mainstage productions. Students must be available after school two days a week, and then more leading up to our performance week. Growth as a theatre company is dependent on perseverance, collaboration, and reflection. **Students must be available afterschool two days a week, and for the full duration of our show weeks.**

Johnston Heights Siyám Cohort
Who are we and what do we believe?

The **Siyám 9** Leadership Cohort, a name for leadership from the Halkomelem language, is an option for Grade 9 students who would like to take on a Leadership role at Johnston Heights. **Siyám 9** is a continuation of the Leadership skills students develop in **Siyám 8**. We are guided by the IB Learner Profile and a deep value of service. In this cohort, leadership will be imbedded within two other grade 9 courses. There are two potential pathways Grade 9s can choose.

They will have the opportunity to work on school leadership projects as a class or in collaboration with other senior leadership programs such as P.E.A.R.L.S., Senior Leadership and the Eagle Counsel. This cohort will blend subject learning with Service Leadership and Learning. As a member of this cohort, there may activities outside of class time. Students will need to submit an application for this cohort. Students accepted into this cohort are not limited to those who were previously in the **Siyám 8** Leadership Cohort.