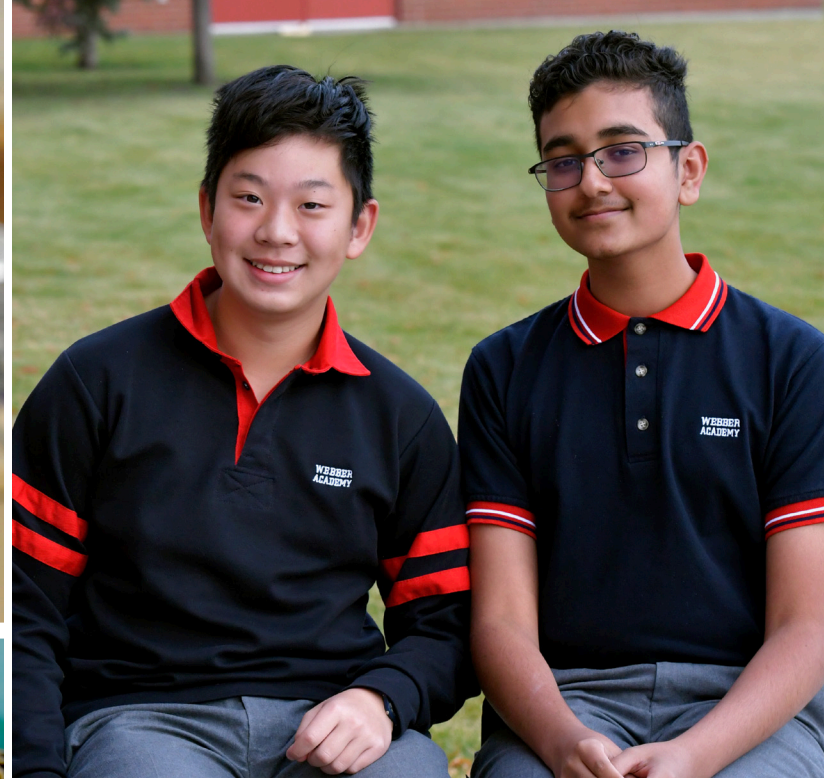




WEBBER ACADEMY

JUNIOR HIGH PROGRAMME OF STUDIES





WEBBER ACADEMY

Webber Academy is a nonprofit, coeducational, nondenominational, university preparatory school offering an enriched curriculum from Junior Kindergarten to Grade 12. Webber Academy is located on a beautiful 47 acre campus in southwest Calgary. The programme of studies at Webber Academy reflects the school's mission, to prepare students to thrive in university and beyond. To that end, the curriculum has been designed to stimulate, motivate, and challenge students whose personal goals and love of learning allow them to thrive in an enriched environment. We look forward to assisting you toward a successful Webber Academy experience.



JUNIOR HIGH SCHOOL INFORMATION

Junior High: Grades 7, 8 and 9 Course Selection

All students are enrolled in the five core programs which include:

1. English Language Arts
2. Geography/History
3. Mathematics
4. Science
5. Physical Education

In consultation with parents and/or the Head of Senior School, students may choose from the following options:

6. One Second Language* (French, Mandarin, Spanish)
 - Grade 7 students take both art and drama and choose between band and a third language*
 - Grade 9 students choose two from art, band, computer applications, computer programming, drama, or a third language*
 - Grade 9 students choose two from art, band, computer applications, computer programming, drama, or a third language*

*Students are assigned to the second language streams based on prior language experience and competency.



ACADEMIC COURSES

English Language Arts (ELA) 7

This enhanced course involves the study of the six interactive elements of language: reading, writing, speaking, listening, viewing, and representing. Students develop the ability to express ideas with clarity and coherence in oral and written communication, with a focus on memoir and essay. Students are expected to participate in formal classroom book clubs. Students are exposed to a wide range of literature, both fiction and nonfiction, and develop critical thinking skills and knowledge of self and others in response to these texts. There is an expectation of private reading beyond those works presented in class.

English Language Arts (ELA) 8

This enhanced course further explores the six interactive elements of language: reading, writing, speaking, listening, viewing, and representing. Students focus on organizing their thoughts and demonstrating the ability to express ideas with clarity and coherence, in oral and written communication through further development of essay writing skills and narrative technique. Students are expected to engage in formal classroom book clubs. Students are exposed to a wide range of literature, both fiction and nonfiction, and develop critical thinking skills as well as the ability to read closely, recognizing inference and subtlety of text. There is an expectation of private reading beyond those works presented in class.



English Language Arts (ELA) 9

This enhanced course establishes the conceptual groundwork for further literary study. Through the study of fiction, poetry, drama, nonfiction, and film, students read critically, asking pertinent questions, and evaluating information and ideas. Participating in formal classroom book clubs enables students to respond to literature in a meaningful context. Students demonstrate the ability to write clearly and concisely, using language to communicate knowledge and opinions, and to explore ideas and responses, especially within the framework of the narrative and the essay. There is an expectation of private reading beyond those works presented in class.

Geography/History (GH) 7

This enhanced course is based on the Alberta Education Social Studies curriculum, focusing on Canada. Emphasis is placed on citizenship and identity through the study of the events prior to and following Confederation, including perspectives from the different groups involved in the process of making Canada what it is today. In addition, students are introduced to primary and secondary source analysis, which allows them to appreciate and understand multiple perspectives on events central to Canadian history.

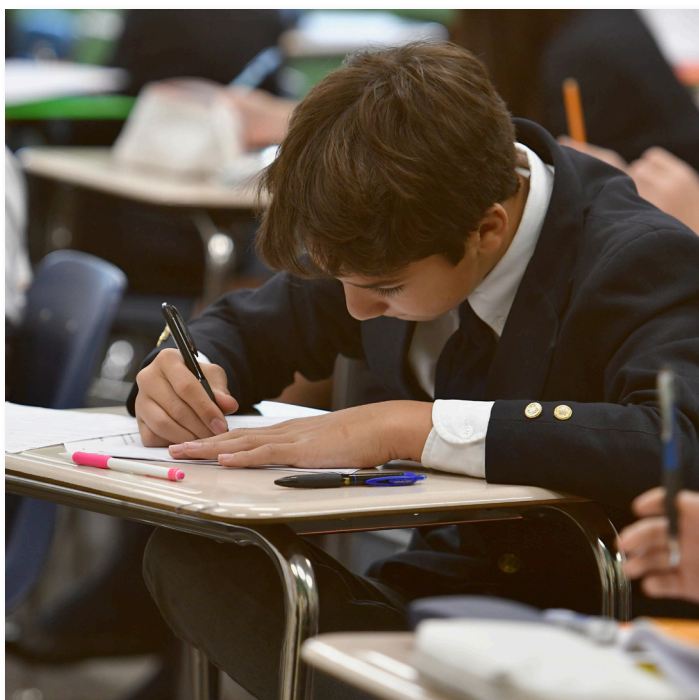
Geography/History (GH) 8

This enhanced course is based on the Alberta Education Social Studies curriculum, focusing on examining historical world views. The three main areas of historical study are: Origins of a Western Worldview — Renaissance Europe; World Views in Conflict — The Spanish and the Aztecs; and From Isolation to Adaptation — Japan. In addition, a special focus is placed upon historical and contemporary world geography.

Geography/History (GH) 9

This enhanced course is based on the Alberta Education Social Studies curriculum, focusing on issues for Canadians. This includes the political and judicial system, individual and collective rights, immigration, economic decision making, consumerism, quality of life, and political decision making. The study of current events provides students with the opportunity to continue developing a disposition towards the area of critical thinking, and also helps them learn more about what the current issues are for Canadians today.





Mathematics 7

Mathematics 7 is a course that reviews and extends fundamental topics of arithmetic such as operations with numbers, ratio, and percent. The course focus is on algebra, geometry, and statistics and probability. Students taking Mathematics 7 study three exponent laws, algebra, patterns and relations, and geometry. Mathematics 7 is an enriched programme with a deep foundation in algebra. Part of its enrichment is taken from the Grade 8 Alberta Program of Studies.

Mathematics 8

Mathematics 8 is a programme with an algebraic and geometric focus. Students taking Mathematics 8 will study exponent laws, roots, linear equations, transformations, angles, pre-trigonometry, and geometry. Mathematics 8 is an enriched programme which contains concepts from the Grade 9 Alberta Program of Studies.

Mathematics 9

Mathematics 9 is a programme with an algebraic and geometric focus. Students taking Mathematics 9 will study exponent laws, number systems, polynomials, linear equations and inequalities, transformations, geometry, trigonometry, statistics and probability, and rational expressions and equations. Mathematics 9 is an enriched programme.

Mathematics 9/10 AP Prep

Mathematics 9/10 AP-Prep blends the outcomes of Mathematics 9 and Mathematics 10C in one academic year. Throughout the year, students will study both Grade 9 and Grade 10 content. Topics typically taught in Grade 9 and expanded upon in Grade 10, will be taught concurrently in this course. Students taking Mathematics 9/10 AP-Prep are expected to have reached a standard of excellence in their Grade 8 mathematics course. Upon successful completion of this course, students will receive a grade for Mathematics 9, as well as credit for the high school course Mathematics 10C.

Science 7

In Science 7, students address questions about the nature of science involving broad explorations as well as focused investigations. Through varied topics, the course enables students to understand basic concepts in Life Science, Physical Science, and Earth Science. Students learn scientific theories and conduct investigations with primary emphasis on ecology, plants, heat, structures, and geology. The programme is enriched through concepts that go beyond the Alberta Program of Studies.

Science 8

In Science 8, students are encouraged to utilize the scientific inquiry model and to develop knowledge, skills, and attitudes relevant to science practices. The course approaches the nature of science and the relationship between science and technology through a variety of scientific concepts. Students learn and investigate about the particle model of matter, life processes, the nature of light and vision, mechanical systems, and the importance of water in our environment. The programme is enriched through concepts that go beyond the Alberta Program of Studies.

Science 9

In Science 9, students systematically discover the natural world through three general philosophies: The Nature of Science and Science Processes, The Relationship between Science and Technology, and Science, Technology and Society (STS). Together these approaches are designed to develop students' critical thinking skills. They learn to identify scientific questions, technological problems, and STS issues recognizing the underlying assumptions of each. Students will develop the ability to identify and gather data, and make inferences and draw conclusions from this data. They are encouraged to assess issues from various viewpoints and evaluate evidence on specific issues. Units covered in this course include biodiversity, matter and chemical change, environmental chemistry, electrical principles and technologies, and space exploration.





SECOND LANGUAGES

Junior high second-language courses promote the development of language skills through written and oral assignments, projects, and group activities. Students build their vocabularies, learn language structures, and develop cultural awareness. The model that represents effective language learning is an expanding spiral; each new component is integrated into the system that exists, thus reinforcing the pre-existing concepts and knowledge, broadening the range of applications. The placement of a student is determined by the level of language proficiency, background, and experience. Every other year, students in junior and senior high Spanish, Mandarin and French classes have the opportunity to participate in immersion trips to other provinces and countries.

Mandarin

The Mandarin programme in junior high is designed to develop students' basic communication skills, focusing on the development of oral skills in listening and speaking. The development of reading and writing skills is also part of the curriculum, but the emphasis is on the recognition of the characters so that students are able to better understand written texts. The aim is to help students build a solid foundation to prepare them for more advanced studies in senior high. Students acquire the ability to conduct simple conversations on the following topics:

Grade 7: Shopping, School Life and Extracurricular Activities, Health and Weather

Grade 8: Fashion and Leisure, Entertainment and



Webber Academy students in China on a language immersion trip

Public Media, Travelling and Customs

Grade 9: Introduction of Oneself and Job Interviews, The Environment and Living Surroundings, Housing and Gifting

Aspects of Chinese culture will be integrated into the curriculum.

French 7

French 7 encourages students to develop positive attitudes towards French language and culture. Students are expected to develop their French skills through various language activities based on fields of experience, communicative tasks, current resources, and available technologies. Students will be introduced to new grammar components, such as the conjugation pattern of regular “er” verbs in the present tense and irregular verbs, negation, pronunciation of words, and the construction of sentences. There is also focus on specific vocabulary acquisition.

French 8

Different levels of instruction are offered to accommodate students’ learning needs and language proficiencies. This course focuses on the further development of a practical, working knowledge of French with students increasing their oral and written skills in all areas of language learning. They continue to develop knowledge in the following concepts: the present tense, the imperative, and the immediate future tense. A part of the curriculum is the study of specific vocabulary.

French 9

Different levels of instruction are offered to accommodate students’ learning needs and language proficiencies. In this course, students develop a sustained, practical, working knowledge of French. Students engage in various language activities based on the context, the communicative task, and the different information and communication technologies that are available. At this level, the students continue to develop knowledge of concepts such as pronominal verbs, past tense (*passé composé*), and future tense. A part of the curriculum is the study of specific vocabulary associated with the fields of experience and their subfields.



Webber Academy students in France on a language immersion trip



Spanish 7

In Grade 7, students develop solid foundations in the five language areas: reading, listening, speaking, writing, and cultural sensitivity. A variety of resources and teaching techniques are applied in order to help the students become well-rounded and independent language learners.

Spanish 8

The course continues to explore various lexical fields and grammatical structures within the three levels of instruction. More advanced groups may incorporate a novel study into the curriculum. Equal focus is given to reading, listening, speaking, writing, and cultural sensitivity.

Spanish 9

Students continue to acquire deeper levels of understanding of the language and Hispanic cultures. Advanced groups may incorporate a novel study into the curriculum. Higher levels of proficiency are demonstrated in both written and oral production.



ATHLETICS

Webber Academy's junior high physical education programme is designed to increase children's cognitive, emotional, and physical skills. It challenges students to develop these skills through both individual and team activities. Students can participate in inter-school competition in the following sports: cross-country running, golf, volleyball, basketball, badminton, track and field, and soccer.





COMPUTER PROGRAMMING

Computer Programming is offered in Grade 9 and exposes students to the senior high computer science curriculum a year early, allowing them to get a head start on the more advanced modules. Students are introduced to computer languages by developing and writing their own programmes, as well as modifying those of others. Through a series of projects, students become proficient in the logic and syntax required to create efficient and useful computer programmes. Topics covered include programming fundamentals, functions, file reading/writing, and an introduction to user interfaces.



COMPUTER APPLICATIONS

The topics explored include graphic design, digital design, web design, audio techniques, numbers/word processing, photography, script writing, videography, stop-motion animation, keynote presentations, speech, and media literacy.

In Grade 8, students are introduced to a variety of software and hardware. Students engage in learning opportunities through digital media, where they will discover their interests in practical and purposeful ways, and offer experience in using technology related to classroom activities in other subjects.

In Grade 9, students use the skills acquired in previous years to gain an understanding of business concepts through the study of subjects such as entrepreneurship, information and communication technology, and marketing.

Please note: The core ICT (Information Communication Technology) programme is embedded within the Junior High Programme of Studies. Therefore, all junior high students will have exposure to the use of computer technology in the classroom. The Computer Applications course is an option designed for students who wish to further enhance their skills in digital applications.

FINE ARTS

Drama 7

Drama 7 is compulsory for all Grade 7 students. They explore movement, speech, improvisation, technical theatre, and theatre studies through various exercises, projects and activities. Students examine the roles of rehearsal processes, cooperation, concentration and commitment as applied to dramatic work. Technical theatre examines property construction and design. Projects are a part of this course and provide opportunities for sharing dramatic work with others.

Drama 8

Drama 8 students explore movement, speech, improvisation, theatre studies, and technical theatre through a variety of exercises, activities, and dramatic structures. Dramatic structures such as story theatre, tableau, and montage are further developed. This course also focuses on further development of improvisation. Technical theatre may include study of costume design and promotional texts as examples, and theatre history examines the development of types of stages.

Drama 9

Drama 9 students explore movement, speech, improvisation, theatre studies, and technical theatre through a variety of exercises, presentations, and activities. Emphasis is placed on individual acting and scripted work. Technical theatre roles examine costume and set design. Theatre history provides a general overview of Western drama. Some rehearsals and presentations may take place outside of class time.

Band 7

Grade 7 band students will develop the knowledge and skills that will enable them to successfully perform in a large ensemble, and individually on their instrument.





Through performance in band, students will develop teamwork and leadership skills that will enhance their musical and personal development. This course is designed for beginners, however, students with previous experience will readily be accommodated.

Students in Band 7 will participate in school concerts, local festivals, provincial festivals and an annual band retreat.

Band 8

Grade 8 band students will expand on the knowledge and skills that will enable them to successfully perform in the Grade 8/9 concert band, and individually on their instrument. Through performance in band, students will further develop their teamwork and leadership skills that will enhance their musical and personal development. This course is designed for students with previous experience. Beginners are welcome with the approval of the music teacher.

Students in Band 8 will participate in school concerts, local festivals, provincial festivals, an annual band retreat, and potential national and international tours.

Band 9

Grade 9 band students will continue to enhance their musical knowledge and skills. This will enable them to continue to successfully perform in the grade 8/9 concert band, and individually on their instrument. Through performance in band, students will further develop their teamwork and leadership skills that will enhance their musical and personal development. This course is designed for students with previous experience. Beginners are welcome with the approval of the music teacher.

Students in Band 9 will participate in school concerts, local festivals, provincial festivals, an annual band retreat, and potential national and international tours.



Art 7

Art is compulsory for all Grade 7 students. Students experience an exciting in depth look at the fundamental concepts of the elements and principles of design. Drawing, painting, printmaking, sculpture/3D, and computer design are all possible media. Exercises progress from observational and concrete to more conceptual productions at the project stage. Students are introduced to the design/creative process, aesthetics, and critique format. They also respond practically to the work of artists from their own culture and other cultures, both past and present.

Art 8

For Grade 8 students, art is offered as an option. Students continue to explore the fundamental concepts of the elements and principles of design while working on sharpening their technical skills. Drawing and research supports design and painting while the development of conceptualization and imagination is fostered. Students respond practically to the work of artists/designers from their own culture and other cultures, both past and present, through the process of critique.

Art 9

For Grade 9 students, art is offered as an option. Students are challenged to develop and merge their imaginative abilities and technical skills through a series of design-based 2D and 3D assignments. Emphasis is placed on thinking styles, art/design process, and research to prepare students for Art 10. Students discuss and write about their projects in a critique format to articulate their thinking and design process as well as to review the language of art.



WEBBER ACADEMY IS:

- A non-profit, accredited private school
- Co-educational
- A university preparatory school
- Non-denominational

The school offers a challenging and exciting academic university preparatory programme for students in Junior Kindergarten through Grade 12.



FACULTY OF EXCELLENCE

Webber Academy has attracted a faculty of highly-skilled teachers who are passionate about educating children. Our teachers are professional, enthusiastic, and knowledgeable about the subjects they teach. The profession of teaching is a learning process. As such, our dedicated staff strive to hone their skills through the sharing of ideas and participation in professional development opportunities.

Teachers are committed to providing our students with meaningful classroom instruction, regular homework, and individual attention.

For further information regarding our founders, directors and faculty, please consult our website at webberacademy.ca.





GENERAL SCHOOL CONTACT INFORMATION

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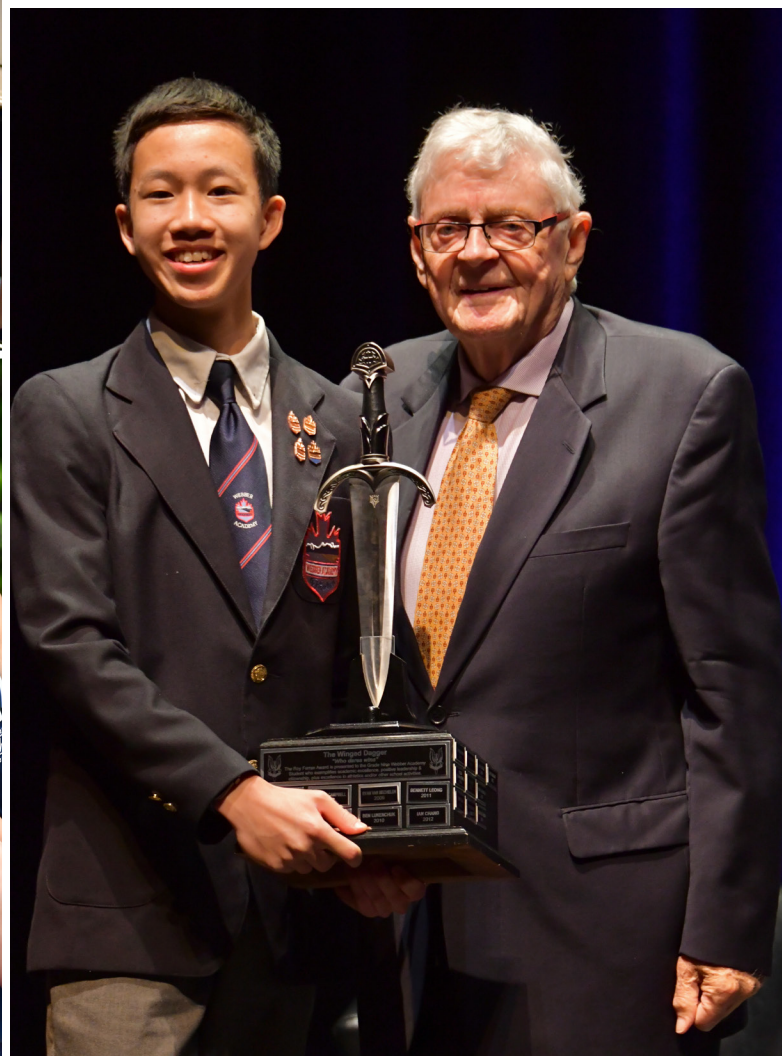
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Example: jd@webberacademy.ca
Check Webber Academy's website for full listings.





PREPARING STUDENTS TO THRIVE IN UNIVERSITY AND BEYOND



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