Welcome to the Juanita High School

Cambridge Program

Course Sequence

9th Grade	10th Grade	11th Grade	12th Grade
Pre-AICE English *IGCSE Syllabus 0500*	CI English Language *9093 AS Level*	CI Literature in English *9695 AS Level*	CI Literature in English *9695 A Level*
Pre-AICE History *IGCSE Syllabus 0470*	CI US History to 1877 *8101 AS Level*	CI Global Perspectives *9239 AS Level*	CI Global Perspectives *9239 A Level*
Pre-AICE Mathematics* *AS Syllabus 9709*	CI Mathematics *9709 AS Level*	CI Mathematics *9709 A Level*	AP Calc BC, AP Stats, or Elective
Pre-AICE Science *IGCSE Syllabus 0653*	CI Physics *9702 AS Level*	CI Biology or Chemistry** *9700 or 9701 AS Level*	CI Biology or Chemistry *9700 or 9701 A Level*

*If necessary, students may start Pre-AICE Mathematics in 10th grade and take A Level Mathematics in 12th Grade.
**Students will indicate preference for the AS/A Biology or AS/A Chemistry pathway during registration for 11th grade.

Instructors 2027-2028

English	Ms Makenzi Schuerholz, Ms Harper Wakeman, and Ms Kari Hale
History	Mr Colin Tracy, Mr John Norris, and Mr Scotty Dotson
Science	Dr Emily Tribble, Mr Alex Margarito-Lopez, Ms Alexandra Pike Mr Urbin Donnafield, and Mr Kevin Clemente
Math	Ms Karrie Gengo, Mr Eric Carlson, and Mr Peter Cheng
Program Administration	Ms Jessica West, Administrator Ms Alexandra Pike, Coordinator Ms Kelly Warren, Administrative Assistant

About Cambridge

General Program Information

The Cambridge Program at Juanita High School develops thinking skills through academic rigor, prepares students for university life, and provides connections to and understanding of the global community. These aims are met by utilizing a challenging, accelerated curriculum based on the University of Cambridge's Cambridge Assessment International Education program. The curricula provides a well-balanced course of study for academically able students. “Juanita High School is amazing, and I consider it one of the crown jewels of Cambridge in America,” said Mark Cavone, U.S. Regional Director, Cambridge International Examinations, North America.[1]

Each of Cambridge International’s thoroughly-developed syllabi enhances students' understanding of subjects, encouraging independent learning and constructive thinking skills. Students joining the Cambridge Program become more confident, responsible, reflective, innovative, and engaged. Stuart Schmill, Dean of Admissions, Massachusetts Institute of Technology states, “Cambridge students are very well-prepared for our curriculum, and we find that they have a lot of confidence, but also that they have good deep subject knowledge, and the ability to think critically.”[2]

Upon successful completion of the AICE curricula, students enrolled in the Cambridge Program at Juanita High School earn the Advanced International Certificate of Education (AICE) Diploma. To earn the AICE Diploma, students must demonstrate the skills of independent research and investigation, the use of initiative and creativity, and the application of knowledge and skills, in four subject areas : Languages, Arts & Humanities, Mathematics & Science, and Global Perspectives. The AICE Diploma requires students to earn a total of 7 AICE credits with at least 1 credit from each area.

Cambridge International’s AICE qualifications are recognised and valued by the world’s top-ranked higher education institutions. More than 2220 universities in over 90 countries formally recognise Cambridge qualifications; in Washington State, many colleges will award up to a full year of college credit upon successful completion of the AICE program. Juanita High School graduates go on to universities around the US and internationally, including Dartmouth, Yale, Princeton, Stanford, Harvard, UCLA, Duke, Johns Hopkins, University of Washington, Cambridge, Oxford, McGill, and many others. In a recent study by Cambridge International, the authors found that, compared to the US average, more Cambridge graduates enrolled in a university program immediately after high school, their GPAs were higher, and they were 14% more likely to finish their degrees within 4 years.[3] US college admissions staff say “Cambridge students are often the ones who come into our institution and thrive. They are ready for the demands of the academic course-load of the university and have excellent academic skills.”[4]

Additional Program Information can be found

- On our website at https://jhs.lwsd.org/academics/cambridge-program
- Read an interview with one of our graduates : https://www.cambridgeinternational.org/usa/about-cambridge-international-us/case-studies/us-student-voices/

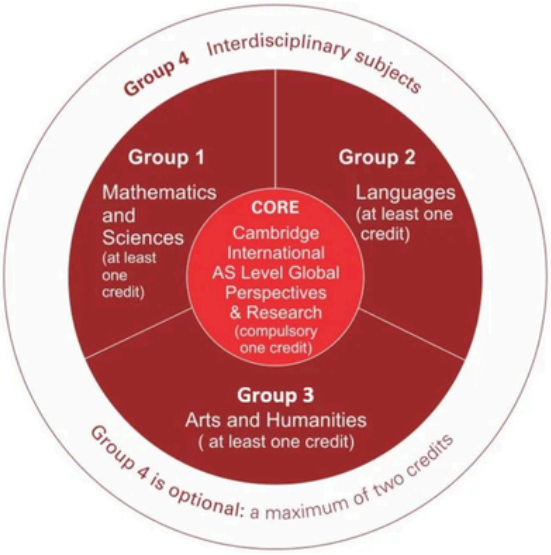
Sources

[1]Schools in the News, Lake Washington School District, 6 April 2017
[2]www. cambridgeinternational.org
[3] https://blog.cambridgeinternational.org/cambridge-qualifications-good-preparation-for-university/
[4] https://blog.cambridgeinternational.org/cambridge-international-a-levels-get-students-college-ready-new-us-research/

AICE Diploma

To qualify for the AICE Diploma, students must earn seven AICE credits within a 25-month period AND one credit in each of the following areas : Languages, Global Perspectives, Math & Science, and Arts & Humanities. Pre-AICE courses prepare students for success in their AICE level coursework but do not count towards the AICE Diploma. AS Level Qualifications count as one AICE credit whereas A Level Qualifications count as two. To calculate a final A Level score, scores from AS Level papers are combined with scores from the A Level papers, earning students up to two credits for Mathematics, Literature, Global Perspectives, and Biology or Chemistry.

Cambridge awards six marks: A*, A, B, C, D, and E. Mark E is equivalent to a grade of "C" as well as a "3" on an Advanced Placement (AP) Examination. Students earning less than an E mark do not receive credit toward the AICE Diploma. AS Levels are ineligible for the A* mark. The AICE Diploma is awarded at three different levels (in descending order): Distinction, Merit, or Pass, depending on the exam grades earned.



Cambridge Advanced International Certificate of Education

The Cambridge Program at Juanita High School offers the following AS or A Level in each area.

Languages	Global Perspectives	Mathematics & Science	Arts & Humanities
English Language 9093 AS Level	**Global Perspectives** 9239 AS/A Level	**Physics** 9702 AS Level **Mathematics** 9709 AS/A Level **Biology** OR **Chemistry** 9700 or 9701 AS/A Level	**US History to 1877** 8101 AS Level **Literature in English** 9695 AS/A Level

Each university has a unique policy on admission and credit by examination based on the AICE Diploma. Students are advised to research universities and their policies. Cambridge Assessment International Education also has its own recognition page, please see www.cambridgeinternational.org/recognition for the most current recognition database.

Cambridge Student Attributes

Cambridge students

- are comfortable in an environment where scholarship is the norm
- have a love of learning and continually challenging themselves
- are self-motivated and comfortable advocating for themselves
- behave with integrity and academic honesty at all times, and show intellectual humility
- have good time-management skills and consistently meet deadlines
- enjoy enhancing their critical thinking skills and believe in hard work and effort
- make academic achievement a high priority
- work well independently and collaboratively in groups

Cambridge Student Responsibilities

Cambridge students understand that they must

- commit to being present, prepared for, and engaged in their classes on a daily basis
- behave with integrity at all times, especially with regards to use of AI in the classroom
- take responsibility for checking Canvas and Skyward regularly missing or incomplete work
- treat feedback as an opportunity for academic growth, not an opening to ask for points
- adhere to each teacher's retake, absent, and late work policy
- sit the Cambridge assessments administered by Cambridge International at the end of each course

Things to Consider

Ask yourself and answer honestly.

- Am I prepared to put hours into my homework every night for the next four years? To potentially have to review material and study when other students are able to take time off during breaks?
- Am I prepared to take advanced level coursework in ALL core subjects, not just the ones I like or am good at? To persevere when things are hard and ask for help when I need it?
- Am I prepared to be pushed intellectually by my teachers, to be asked to think critically and creatively, work collaboratively, and respond with humility to constructive criticism and feedback on my work?
- Am I prepared to have four of my courses dictated by the Cambridge Program every year, and to sit up to ten separate exams in the spring all the way up to graduation?

If you fit this description and can answer these questions with a "yes!" then we are so excited to welcome you to the Cambridge Program at JHS!

Other Considerations

Exams & Fees

Throughout the year, Cambridge teachers assess student skills and knowledge with classwork and in-class exams and assign a course grade to each student. These grades are reported on their Juanita High School transcript, issued by the Lake Washington School District.

From April to May, students take separate exams which are graded in the UK and incur additional fees. Every Cambridge exam is required, and AS/A Level exams count towards the students' AICE Diploma. These exams are reported on students' Cambridge Exam Transcript which is issued by Cambridge. Each course involves between two and four exams, scheduled both during and outside of school (a sample calendar for 2026 is shown at right). Scholarships are available to students in need of financial assistance; please see the Cambridge Administrator for more information.

In 2027, IGCSE exam fees are $82.75 each, most AS exams are $124.80, A Level exams are $201.85 each, and there are additional mailing costs ($35).

MON	TUE	WED	THU	FRI
27 April PM : 9093-13 Eng	28 April	29 April AM : 9709-11 Pure 1 PM : 9695-13 Lit	30 April PM : 9701-35 Chem	1 May PM : 9239-13 GPR
4 May AM : AP Biology PM : 9093-23 Eng	5 May AM : 9489-11 History AM : AP Chemistry PM : 9700-35 Bio PM : 0500-13 Eng PM : AP US Gov	6 May AM : 9709-41 Mech AM : AP Eng Lit PM : AP Physics 1	7 May AM : 9489-21 Hist AM : 0470-11 Hist AM : AP Physics 2 PM : 0653-43 Comb PM : AP Statistics	8 May AM : APUSH PM : 9700-43 Bio PM : 0625-43 Phys
11 May AM : AP Calculus AB AM : AP Calculus BC PM : 9695-23 Lit	12 May AM : 9709-51 Stats PM : 0653-63 Comb PM : AP Psychology	13 May AM : 9489-31 Hist AM : AP Eng Lang PM : 9700-23 Bio PM : 9700-53 Bio	14 May AM : AP Spanish PM : AP Phys C EM PM : AP Comp Sci P	15 May AM : 9709-31 Pure3 AM : 0470-21 His AM : APES AM : AP CompSci A PM : 9695-33 Eng PM : 0500-23 Eng
18 May AM : 0470-41 His PM : 9701-23 Chem	19 May PM : 0625-63 Phys	20 May AM : 9489-41 Hist	21 May PM : 9695-43 Lit	22 May
25 May Memorial Day	26 May Snow-Day Makeup	27 May	28 May	29 May
1 June	2 June PM : 9701-13 Chem	3 June PM : 0653-23 Comb PM : 0625-23 Phys	4 June PM : 9700-13 Bio	5 June

9th Grade - 10th Grade - 11th Grade - 12th Grade - Mixed Grade

Juanita Experience

Cambridge students at Juanita High School have the same 24 credit state graduation requirements as all Lake Washington School District students, including 0.5 Health, 1.5 PE, 2 World Language, 2 Arts, and 1 CTE. Juanita has extensive elective opportunities as well as the chance to participate in a wide variety of clubs and sports. Although it is possible for Cambridge students to take Advanced Placement courses as electives, participate in WANIC or Running Start, and peer tutor in other courses, it should be noted that these are only available for students who are concurrently meeting or have already met their overall graduation requirements.

4 Year Planning for New Cambridge Students

The next few pages include sample four year plans for students with different interests. Please note that these are SAMPLES to show how you can meet graduation requirements and succeed in Cambridge. Please consider your own interests when making your own 4 Year Plan and making your own course requests for the next school year, and be aware that actual placement depends on many factors.

Cambridge International Education

Cambridge International Education (CIE) is a global education provider based in the United Kingdom at the University of Cambridge. Administrative policies about courses and examinations are made by CIE for thousands of schools around the globe, and are outside of our control at Juanita High School.

Cambridge 4 Year Plan

9th Grade

English	Pre-AICE English	
History	Pre-AICE History	
Science	Pre-AICE Science	
Math		
Elective 1		
Elective 2		

10th Grade

English	CI English Language *(9093 AS)*	
History	CI US History to 1877 *(8101 AS)*	
Science	CI Physics *(9702 AS)*	
Math		
Elective 1		
Elective 2		

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Name

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Graduation Year

9-10th Planning Notes

Math : You must take math in the following order. Each course is yearlong and a prerequisite for the next course.

- Geometry
- Pre-AICE Math
- AICE AS Math

Electives : Make sure you have a plan for completing the following over four years.

- 3 semesters of PE*
- 1 semester of Family Health *(CTE)*
- 4 semesters of Art*
- 2 semesters of CTE*
- 4 semesters of World Language* (6 are strongly recommended)

**Refer to online course catalogue for actual course offerings*

0 and 7th : If you hope to register for Orchestra, Jazz Ensemble, PE (often 0 period) or Theatre Production (7th period) make a note of that here :

0 : .....

7 : .....

***Note that all non-Cambridge courses are course **REQUESTS**, and **not guaranteed**. Consider potential alternatives for electives since you may not get your first choices.*

Cambridge 4 Year Plan

11th Grade

English	CI Literature in English *(9695 AS)*	
History	CI Global Perspectives *(9239 AS)*	
Science		
Math		
Elective		
Elective		

12th Grade

English	CI Literature in English *(9695 A Level)*	
History	CI Global Perspectives *(9239 A Level)*	
Science		
Math or Elective		
Elective		
Elective		

11-12th Planning Notes

Math* : You must take math in the following order

- CI Mathematics (9709 AS)
- CI Mathematics (9709 A Level)

**Many colleges recommend four years of math. Cambridge students often take AP Stats or AP Calc BC after AICE A Math.*

Science : Indicate a preference for the Biology or Chemistry pathway

- CI Biology AS → A Level
- CI Chemistry AS → A Level

Please note this is a **preference, not a guarantee of placement.*

0 and 7th : If you hope to register for Orchestra, Jazz Ensemble (often 0 period) or Theatre Production (often 7th period) make a note of that here :

0 : .....

7 : .....

Note : *The Cambridge Program is a rigorous program designed to maximise opportunities for a student to earn the AICE Diploma, receive college acceptance, and earn college credit. Because of this, Cambridge students are expected to be enrolled 6 periods at JHS. They can register for AP electives or peer tutoring AFTER completing, or being concurrently in, their graduation requirements.*