

## A-G College Entrance Requirements

Given a chart detailing college eligibility requirements, students will compare and contrast the difference between high school graduation requirements and the A-G college entrance requirements by accurately completing a Double Bubble Map.

### Anticipatory Set

T: I want you to think about the difference between the ideas.

*Basketball player and the MVP of the game*

*Soccer player and a soccer player on the all star team*

*Violinist in the orchestra and the first chair violinist in the orchestra*

*Play at level 1 of a video game and beating the highest score*

T: What is the major difference between the ideas? Discuss this difference with your shoulder partner.

T: Okay, I'm pulling name sticks. Let's see who will share first....

S: It is harder to make the all star team than to play on the regular teams through the year. They pick the players who work the hardest during the year for the all star team and who do a good job.

S: The first violin has to play the solos. They practice hard to stay in the first position and study the music.

T: Yes, these ideas are similar to the classes that you'll have to take in high school. Everyone is taking classes, but not all of the classes are the same. Some classes require more work and practice.

Ideas for Strategy Integration

GATE/EXCEL

Deductive Reasoning

Scholarliness

Depth and Complexity

Active Participation  
Think Pair Share

<p style="text-align: center;"><b>Objective</b></p> <p>T: We will be learning about the classes that you need to take to be prepared to attend a four year college or university.</p>	
<p style="text-align: center;"><b>Purpose</b></p> <p>T: It's important to know this because there is a difference between the types of classes that you take to graduate from high school and the classes you must take to be <u>eligible</u> to apply to a four year college or university.</p> <p>T: When it's time for you to pick your classes later on in middle school and high school, you'll be able to choose the classes that fit with your future college and career plans.</p>	
<p style="text-align: center;"><b>Input</b></p> <p>T: Let's take a look at these requirements.</p> <p><b><i>**SEE HIGH SCHOOL GRADUATION VS. A-G COLLEGE ENTRANCE REQUIREMENTS CHART.</i></b></p>	<p><u>GATE/EXCEL</u> Depth and Complexity</p> <p>Universal Themes</p>
<p style="text-align: center;"><b>Modeling</b></p> <p>T: We will use a Double Bubble Map to compare and contrast the information, so we'll know the difference between the types of classes that you need to take to graduate from high school and the classes you need in high school to prepare you for college.</p> <p>T: I'm going to start at the top of the chart and read down to the bottom and look for similarities and differences between the requirements. As I find similarities and/or differences, I'll add them to my chart.</p>	<p><u>Thinking Maps</u> Double Bubble Maps</p> <hr/> <p><u>Scholars</u> 2 or 3 Column Notes—<i>Double Bubble on right side column</i></p>
<p style="text-align: center;"><b>Check for Understanding</b></p> <p>T: What are the UC and CSU preparation classes called?</p> <p>T: What is the difference in the science requirement? How much science do you have to take to graduate from high school? How much science do you have to take to be eligible to apply to a four year college or university?</p> <p><b><i>** Teacher continues questioning students if necessary, utilizing information from the chart to ensure that students understand how the a-g requirements are different than the high school completion requirements.</i></b></p>	

<p style="text-align: center;"><b>Guided Practice</b></p> <p><b>T: We will continue completing our Double Bubble Map. Let’s take a look at the English section. Are they the same or different? How are the requirements different? Where should I add the information on our Double Bubble Map?</b></p> <p><b>T: Good, you are noting details and differences. Now I’d like you to work with your study buddies to complete your own Double Bubble Maps. I will be walking around the room in case you have questions.</b></p>	<p style="text-align: center;"><u><b>Thinking Maps</b></u> <b>Double Bubble Map</b></p> <hr/> <p style="text-align: center;"><u><b>Scholars</b></u> <b>Note taking</b></p>
<p style="text-align: center;"><b>Closure</b></p> <p><b>T: Discuss this question with your study buddies: What are the major differences in the high school completion requirements and the UC and CSU college entrance requirements? What kinds of classes do colleges and universities expect you to take to be ready to apply to their schools?</b></p> <p><b>T: Let’s read this quote by Sir Francis Bacon:</b></p> <p style="text-align: center;"><b>“Knowledge is Power”</b></p> <p><b>T: How is this quote or idea connected to what you learned today? How can knowledge be powerful or give you power?</b></p>	<p style="text-align: center;"><u><b>GATE/EXCEL</b></u> <b>Depth and Complexity</b></p> <p style="text-align: center;"><b>Content Imperatives</b></p> <p style="text-align: center;"><b>Universal Themes</b></p> <p style="text-align: center;"><b>Scholarliness</b></p> <hr/> <p style="text-align: center;"><u><b>Scholars</b></u> <b>Elements of Thought</b></p>
<p style="text-align: center;"><b>Independent Practice</b></p> <p><b>T: For homework, you will read over your Double Bubble Map and then create five test questions that could be used for a quiz on the information you learned today. Your questions must be a combination of level 1, 2, and 3 questions. You must label each question’s level and also provide an answer for each of your questions.</b></p> <p><b>T: After you create your questions, share with your parents the difference between the classes you need to take to complete high school and the classes you need to take to help prepare you for a four year college or university.</b></p> <p><b>T: Make sure your parents check off that you completed this activity and sign your planners this evening.</b></p>	<p style="text-align: center;"><u><b>GATE/EXCEL</b></u> <b>Universal Themes</b></p> <hr/> <p style="text-align: center;"><u><b>Scholars/AVID</b></u> <b>2 or 3 Column Notes</b></p> <p style="text-align: center;"><b>Levels of Questioning</b></p> <p style="text-align: center;"><b>Organization</b></p>

## High School Graduation vs. A-G College Entrance Requirements

<i>High School Graduation Requirements in Long Beach</i>	<b>A-G</b> <i>College Entrance Requirements for CSU and UC Schools</i>
Pass the California High School Exit Exam (CAHSEE)	<b>**Students must complete all requirements for high school graduation and all "a-g" requirements with a grade of C or better.</b>
Complete 40 hours of service learning	
3 years of <b>history</b> : Modern World History, United States History, and United States Government and Economics	<b>(a) 2 years of history: world history and U.S. history</b>
4 years of <b>English</b>	<b>(b) 4 years of college preparatory English</b>
2 years of <b>math</b> ; must pass Algebra 1-2	<b>(c) 3 years of college preparatory math: Algebra I, Algebra II, and Geometry; 4 years recommended with calculus (UC)</b>
2 years of <b>science</b> : life science and physical science	<b>(d) 2 years of lab science: biology and chemistry; 3 years recommended with physics (UC)</b>
1 year of a <b>language other than English</b> <i>or</i> 1 year of <b>music or art</b>	<b>(e) 2 years of the same language other than English; 3 years recommended (UC)</b>
1 semester of <b>health</b> education	<b>(f) 1 year of visual and performing arts: dance, music, theater/drama or visual arts; Students must complete a single year-long course.</b>
1 semester of <b>Computer Application I</b>	
	<b>(g) 1 year elective chosen from "a-g" course list</b>