

High School	College	Suggestions for Curriculum
		<b>Math:</b>
x	x	Find the school on a map and calculate its distance from your school
x	x	Make a diagram of the path from kindergarten and college and the coursework along the way
x	x	Follow the school's athletic competitions to count points in a game, winning percentages and advancing within a league.
x	x	Make a bar chart of expected earnings based on levels of education
x	x	Calculate the age of the school and create a timeline of major events in its history
x		Make a timeline of when you enter high school and college
x		Discuss high school math course offerings and graduation requirements
x		Discuss academic UIL competitions in math/science/decalathlon, etc.
	x	Determine the number of students. Make a pie chart by major, where they are from, or a bar chart distinguishing between athletes and non-athletes
	x	List and discuss the possible degrees offered in math
	x	Follow the football or basketball playoffs with a diagram in the gym (March Madness)
	x	Discuss college costs and living expenses, saving for it and paying for it through work
		<b>Science:</b>
x		Discuss high school science course offerings and graduation requirements
x		Discuss academic UIL competitions in math/science/decalathlon, etc.
	x	Learn how the school is involved in scientific research and problem solving
	x	List and discuss the possible degrees offered in science
	x	Discuss the weather, topography and geography of the school's location
		<b>Social Studies:</b>
x	x	Read about the school's history, founding, how or for whom it was named.
	x	Discuss the difference between a college, university and also a community college, as well as the difference between public and private institutions
	x	List the possible degrees offered in social studies
	x	Discuss high school social studies course offerings and graduation requirements
x	x	Find the school on a map
	x	Discuss how students travel to the school and where they live while they are there. Talk about commuter campuses like UTA.
	x	Talk about distance learning via the internet, non-degree continuing education, dual-credit with high school
x	x	Read about distinguished alumni
x	x	Find out where the students come from
x	x	Find a student or graduate who is just like you
	x	Discuss who leads the college as compared to a school principal
		<b>Language Arts:</b>
x	x	Learn the school's motto and origin, and why might it be expressed in Latin.
x	x	Learn the school's alma mater and fight songs
x	x	Write a cheer for the school.
x	x	Write about your future at this school.
x	x	Write a biography of the school's namesake, president or of a distinguished alumnus
x	x	Define and spell: college, university, degree, alumnus, graduate, freshman, sophomore, cum laude etc.
x	x	Prepare a resume
	x	Complete an application for the future
		<b>Art:</b>
x	x	Draw the mascot, school crest or flag
x	x	Make a map of the campus
x	x	Design your own campus
x	x	Make a mortar board
x	x	Create a school brochure
		<b>Field Trips</b>
x	x	Visit the high school or local college for a tour, concert, play or athletic event.

## Links

### High School Maps

<http://www.dallasisd.org/Page/29065>

### High School Websites:

<http://www.dallasisd.org/Page/6504>

and on Wikipedia, such as: [https://en.wikipedia.org/wiki/Sunset\\_High\\_School\\_\(Texas\)](https://en.wikipedia.org/wiki/Sunset_High_School_(Texas))

### College Websites:

SMU – Southern Methodist U.: [www.smu.edu](http://www.smu.edu)

Austin College: [www.austincollege.edu](http://www.austincollege.edu)

The University of Kansas: [www.ku.edu](http://www.ku.edu)

Washington University in St. Louis: [www.wustl.edu](http://www.wustl.edu)

Yale University: [www.yale.edu](http://www.yale.edu)

Texas Tech University: [www.ttu.edu](http://www.ttu.edu)

The University of Texas at Arlington: [www.uta.edu](http://www.uta.edu)

Centre College: [www.centre.edu](http://www.centre.edu)

Dallas County Community Colleges: [www.dcccd.edu](http://www.dcccd.edu)

University of Incarnate Word: [www.icw.edu](http://www.icw.edu)

### Why go to school? Calculating wages:

<http://www.educationopensdoors.org/wp-content/uploads/2013/02/Education-Pays.pdf>

### Calculating a Grade Point Average:

<http://www.educationopensdoors.org/wp-content/uploads/2013/02/Calculating-GPA.pdf>

### Calculating High Class Rank:

[http://www.dallasisd.org/cms/lib/TX01001475/Centricity/Domain/11/studenthandbook/student\\_handbook\\_ENG.pdf](http://www.dallasisd.org/cms/lib/TX01001475/Centricity/Domain/11/studenthandbook/student_handbook_ENG.pdf)