

What is Higher Education?

Objectives: Given a chart on higher education, students will be able to identify the various types of higher education by accurately completing two-column notes with questions.

Anticipatory Set

T: I want you to think back to fifth grade and what you did to prepare yourself for sixth grade. I'll give you two minutes of think time before I ask you to share.

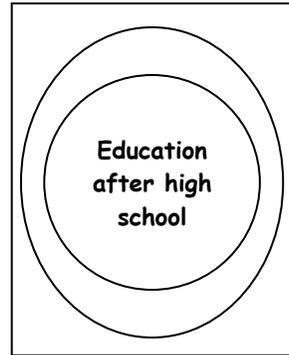
S: I read more to be prepared.

S: My parents went and bought me a binder and new school supplies.

S: I went to the library over the summer and got the sixth grade reading list to know what I should be reading to prepare me for fifth grade.

T: Well we are going to be doing something similar. We're going to be learning about what you need to do to be prepared for the future.

T: Raise your hand if you plan on going to school after you graduate from high school? What do we know about education/schools after high school? (*class completes circle map or Affinity Diagram*)



Ideas for Strategy Integration

Thinking Maps-
Circle Map

Baldrige-
Affinity
Diagram

Differentiation Idea:

For EL learners and other students who may have difficulty with vocabulary, teachers may want to conduct a mini-lesson previewing vocabulary from the chart.

Objective

T: Today we are going to be learning about higher education or different types of schools that people attend after graduating from high school. It's called higher education because the schools are usually attended by people after they have finished high school—they're higher or above high school.

Purpose

T: We will be learning about different types of schools so you will be better able to plan for your future careers. Your career goals influence the type of school or college that you choose to attend.

Input

T: This chart will help us learn the difference between the different types of higher education institutions or schools.

*****See Higher Education Chart below**

Modeling

T: We need to make sure that we understand this information, so we'll be taking notes on the information from our chart. You will be using your notes to study from.

T: I am going to model how to take notes on the information. Watch and pay attention to how I am structuring my notes—bulleting and spacing, etc... (Teacher talks aloud as she takes notes on the terms community college and college.)

Note-taking

	Name Subject Date
Questions	Title: Higher Education
	<p>Type of School</p> <p>Community College:</p> <ul style="list-style-type: none"> • 2 yr college accepts 18 yr. olds or high school grads. • Can earn a certificate, i.e., horticulture, welding, auto tech. or Associate's degree <p style="text-align: center;">or</p> <ul style="list-style-type: none"> • Take 2 years of general ed + transfer to a 4 yr. college or university to get Bachelor's degree. <ul style="list-style-type: none"> ○ Degrees offered: <ul style="list-style-type: none"> ▪ Associate of Arts, A.A. ▪ Associate of Science, A.S. <ul style="list-style-type: none"> • Prereq: 18 or H.S. grad. <p>College:</p> <ul style="list-style-type: none"> • 4 yr school that offers higher ed.—most offer Bachelor's. • Some offer Master's + Doctorate degrees. <ul style="list-style-type: none"> ○ Degrees offered: <ul style="list-style-type: none"> ▪ Bachelor of Arts, B.A. ▪ Bachelor of Science, B.S. <ul style="list-style-type: none"> • Prereq: H.S. grad + SAT or ACT

Scholars

Note taking

Note taking
shortcuts

GATE/Excel
Depth and
Complexity

Universal
Themes--
Power/Change/
Systems/
Relationships

Check for Understanding

T: So let's look at what I did. Talk to your study buddy about the pattern you see in the note-taking. What did I do for each term/vocabulary word?

S: You wrote down the word and then bulleted the definition of the word. After that, you did a different type of bullet to add information about the degrees. The degrees have a different type of bullet too.

S: It's kind of like steps. Each time there is a different idea you space in more to show it's a new idea.

Active Participation

Think Pair
Share

S: You also used shortcuts. You abbreviated and used symbols.

T: Good. We are on the same page. Now I'd like you to work with your teams to explain how to take notes on the term/vocabulary word *university*.

T: Now that you've had time to work with your teams tell me how to do it and I'll write it out on the overhead....Good.

	Type of School University: <ul style="list-style-type: none">• Students can get a bachelor's, master's, + doctorate<ul style="list-style-type: none">○ Degrees offered:<ul style="list-style-type: none">▪ Bachelor of Arts, B.A.▪ Bachelor of Science, B.S.<ul style="list-style-type: none">• Prereq: H.S. grad + SAT or ACT▪ Master of Arts, M.A.,▪ Master of Science, M.S.,<ul style="list-style-type: none">• Prereq: Bachelor's Degree▪ Doctor of Philosophy, Ph.D.<ul style="list-style-type: none">• Prereq: Bachelor's and sometimes a Master's degree
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Scholars

Note taking

Note taking shortcuts

Study Buddies

GATE/Excel
Depth and Complexity

Universal Themes--
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Relationships

Guided Practice

T: Now, you are ready to work in your teams. You will work with your study buddies to take notes on these two terms. I will be walking around the room to make sure that you are following the same pattern of note-taking.

	Type of School Professional Schools: <ul style="list-style-type: none">• Medical... • Law...
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Closure

T: Looking over your notes, what is higher education? What are the different types of schools in higher education? How are the schools different? How are they the same?

T: Discuss these questions with your table teams.

Active Participation

Think Pair Share

Independent Practice

	Type of School
	Professional Schools:
	<ul style="list-style-type: none">• Dental...• Pharmacy...

T: Tonight for homework you are going to finish taking notes from the Higher Education chart. You are also going to create three test questions for your left hand column that could be answered by using your notes. Please make sure that you create level 1 and level 2 questions.

T: Tomorrow, I will choose some of your questions to create a quiz on higher education. The quiz may be written or oral. So, don't forget to study your notes with a study buddy after school, with your parents, or on your own.

T: Let's write our assignment down in our planners so we won't forget what we have to do tonight.

Scholars

Note taking

Note taking
shortcuts

Study Buddies

Levels of
Questioning

Organization

GATE/Excel
Depth and
Complexity

Universal
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Systems/
Relationships

Key Words

Higher Education:

Education at Community Colleges, Trade Schools, Colleges, Universities, and Professional Schools.

Institutions of Higher Education	Description	Prerequisites	Degrees Granted
General Education and Certificate Programs			
Community College/City College <i>(Shasta College)</i>	A two-year college that accepts students who are 18-years-old or have graduated from high school. Students may choose to learn a trade and receive an Associate's degree or certificate. Students may also attend two years of general education classes and then transfer to a college or university to work towards earning a Bachelor's degree.	18- years-old or a high school graduate	Associate of Arts, A.A. Associate of Science, A.S. Career Certification (Horticulture, Carpentry, Welding, Diesel Mechanics)
Undergraduate and Graduate Programs			
College <i>(Harvey Mudd College)</i>	A four-year school for higher education where students can attend and receive a Bachelor's degree. Traditionally, colleges have offered Bachelor's degrees, but today some offer Master's and Doctorate degrees.	High School Diploma SAT or ACT	Bachelor of Arts B.A. Bachelor of Science, B.S.
University <i>(California State University, Chico)</i>	A school for higher education where students can attend and receive a Bachelor's degree, a Master's degree, a Doctorate degree and sometimes professional degrees.	High School Diploma SAT or ACT	Bachelor of Arts, B.A. Bachelor of Science, B.S.
		Bachelor's Degree	Master of Arts, M.A. Master of Science, M.S.
		Bachelors Degree and sometimes Master's Degree	Doctor of Philosophy, Ph.D.

Professional Schools			
Medical School (<i>UC Irvine Medical School</i>)	A school that offers training to become a medical doctor or training to extend the knowledge of a doctor.	B.A. or B.S	Doctor of Medicine, M.D.
Law School (<i>Harvard Law School</i>)	A school specializing in legal education leading to the law degree.	B.A. or B.S.	Juris Doctor, J.D.
Dental School (<i>USC Dental School</i>)	A school offering training in the diagnosis, prevention and treatment of diseases of the oral cavity (mouth),	B.A. or B.S.	Doctor of Dental Surgery, D.D.S
Pharmacy (<i>UC San Francisco Pharmacy School</i>)	A school offering training in the chemical reaction of medicines and their use.	B.S. highly recommended	Doctor of Pharmacy, Pharm.D.

Sample Notes and Questions

Questions	Name Subject Date
	<p>Title: Higher Education</p> <p><u>Types of Higher Education</u></p>
<p>(Possible Student responses)</p> <p>What degree can you earn at a community college?</p> <p>Who can attend a community college?</p> <p>What is the difference between a 2 year and a 4 year college?</p> <p>How long do most students attend community college before transferring to a four year college?</p>	<p><u>Community College:</u></p> <ul style="list-style-type: none"> • 2 yr college accepts 18 yr. olds or high school grads. • Can earn a certificate, i.e., horticulture, welding, auto tech. or Associate's degree <p style="text-align: center;">or</p> <ul style="list-style-type: none"> • Take 2 years of general ed + transfer to a 4 yr. college or university to get Bachelor's degree. <ul style="list-style-type: none"> ○ Degrees offered: <ul style="list-style-type: none"> ▪ Associate of Arts, A.A. ▪ Associate of Science, A.S. <ul style="list-style-type: none"> • Prereq: 18 or H.S. grad. <p><u>College:</u></p> <ul style="list-style-type: none"> • 4 yr school that offers higher ed.—most offer Bachelor's. • Some offer Master's + Doctorate degrees. <ul style="list-style-type: none"> ○ Degrees offered: <ul style="list-style-type: none"> ▪ Bachelor of Arts, B.A. ▪ Bachelor of Science, B.S. <ul style="list-style-type: none"> • Prereq: H.S. grad + SAT or ACT <p style="text-align: center;"><i>(Teacher Model)</i></p>

<p>What are the different types of degrees that can be earned at a university?</p> <p>Compare the community college to a university.</p>	<p><u>University:</u></p> <ul style="list-style-type: none"> • Students can get a bachelor’s, master’s, + doctorate <ul style="list-style-type: none"> ○ Degrees offered: <ul style="list-style-type: none"> ▪ Bachelor of Arts, B.A. ▪ Bachelor of Science, B.S. <ul style="list-style-type: none"> • Prereq: H.S. grad + SAT or ACT ▪ Master of Arts, M.A. ▪ Master of Science, M.S. <ul style="list-style-type: none"> • Prereq: Bachelor’s Degree ▪ Doctor of Philosophy, Ph.D. <ul style="list-style-type: none"> • Prereq: Bachelor’s and sometimes a Master’s degree <p><i>(Check for Understanding)</i></p>
<p>List some examples of professional schools.</p>	<p><i>Professional Schools:</i></p> <ul style="list-style-type: none"> • Medical • Law <p><i>(Guided Practice)</i></p>
<p>Where can you study diseases of the oral cavity?</p>	<ul style="list-style-type: none"> • Dental • Pharmacy <p><i>(Independent Practice)</i></p>