

La Sierra High School

AVID



Eagle Strong!



AVID Tough!



What is AVID?



AVID is an elective program that supports students in pursuing their college and career goals. To accomplish these goals, AVID supports students to be their best by teaching study skills through focused note-taking, teaching organizational skills, and participating in weekly tutorials in a structured, collaborative environment.



LSHS AVID is a National Demonstration School



We are pretty successful at student success!!!



Why AVID?



1. *To be a stronger student through effective study skills, organizational skills, and time management skills*
2. *Guidance in A-G completion for College Admissions*
3. *College and Career Focus*
4. *Support with Scholarships and College Applications*
5. *Peer Collaboration and Support*
6. *College tours*
7. *To challenge you academically!!*

A-G Completion for College Admissions

Eagle Strong!

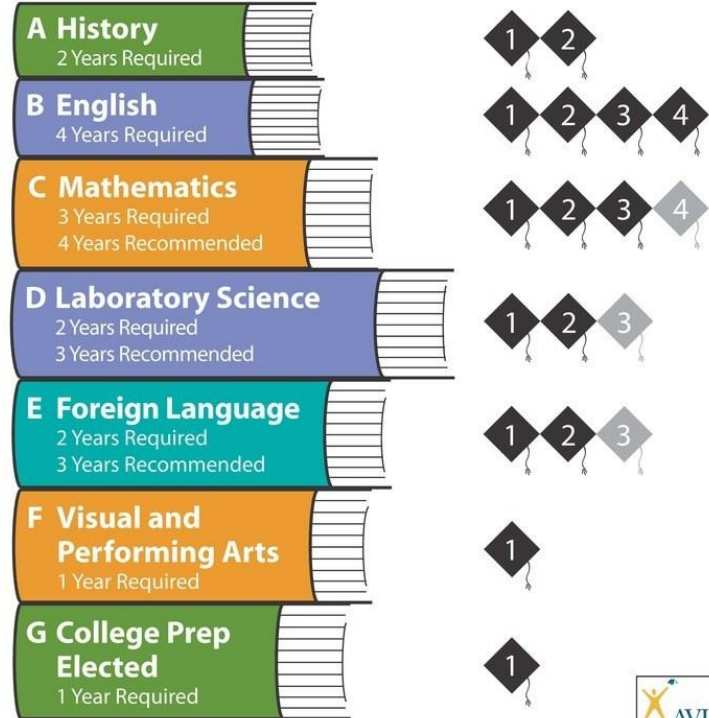


AVID Tough!

You can go to **COLLEGE**

A-G Requirements*

California State University ♦ University of California



* Grades of C or better required.



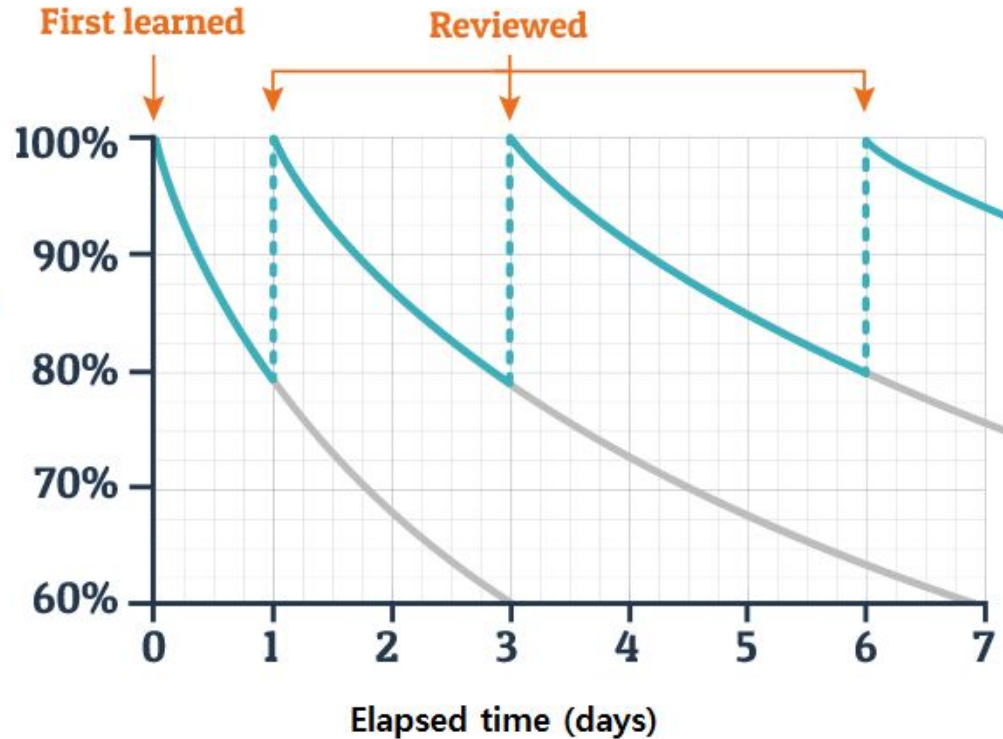


1. Study Skills through Focused Note-Taking



Why Focused Note-Taking?

["The Curve of Forgetting" video](#)



LSHS Focused Note-Taking Examples



PERIOD 6: << INSERT DATE OR DAY OF THE WEEK >>

CLASS NAME

Trig/Precalc

TOPIC / BIG IDEA / ESSENTIAL QUESTION

How are rational expressions solved? Rational

Summary / Reflection OF THE LESSON or Study Group

Summary: Polynomial and rational expressions are solved by looking at the exponents and determining whether the domain is 2, 3, 4 or any an then talking the values and determining whether they cross or touch on the graph then drawing it and using those resources to get it right

Picture of Focused Notes (hand-written or digital) or Study Group Session

interval

4.4 Notes 12/3/20

EQ: How are polynomials / rational expressions solved?

① $(x-4)(x+1)(x-2) \leq 0$
 $x = 4, -1, 2$ D.3
 When is the graph opened? $(-\infty, -1] [3, 4)$
 infinity always a bracket
 infinity always open

② $-(x+3)(x-2) > 0$ (add the exponents together)
 $x = -3, 2$ D.4
 What do you do with the multiplicity? $(-3, 2)$
 $\sqrt{2}$

③ $-(x+3)(x+2) < 0$
 $x = -3, -2$
 How do you set the to = to 0?
 To get x set to = to 0
 $x = -3 = 0 - int$
 $x + 2 = 0$
 $x = -2 = 0 + int$
 asymptote is always open
 $(-\infty, -1)$
 $(3, \infty)$

④ $\frac{x+4}{x-2} \leq 0$
 $x = -4, 2$
 How do you find the VA?
 $(-4, 2)$

LSHS Focused Note-Taking Examples



PERIOD 6: << INSERT DATE OR DAY OF THE WEEK >>

CLASS NAME

Chemistry

TOPIC / BIG IDEA / ESSENTIAL QUESTION

How are coefficients balanced?

Summary / Reflection OF THE LESSON or Study Group

They are balanced by seeing what chemical reaction the coefficient is first and then moving and changing numbers to the other side to see how to make both of the sides even to help them become balanced.

Picture of Focused Notes (hand-written or digital) or Study Group Session

12/2/20

Balanced Equations

EQ: How are coefficients balanced
When are the following equations is balanced, the coefficients are

What's the difference between NH_3 & NO_2 (g)?

$\text{NH}_3(\text{g}) + \text{O}_2(\text{g}) \rightarrow \text{NO}_2(\text{g}) + \text{H}_2\text{O}(\text{g})$
 $4 + 3 = 7$

a) 1, 1, 1, 1
b) 4, 7, 4, 6
c) 7, 3, 7, 3
d) 1, 3, 1, 2
e) 4, 3, 4, 3

Why do you put a 2 in front of Al?

2) $2\text{Al}(\text{NO}_3)_3 + \text{N}_2\text{S} \rightarrow \text{Al}_2\text{S}_3 + \text{N}_2\text{O}_3$
a) 2, 3, 1, 6
b) 2, 1, 3, 2
c) 1, 1, 1, 1
d) 4, 6, 3, 2
e) 2, 3, 2, 3

Where did the 3 come from?

3) $\text{C}_3\text{H}_8\text{O}_3(\text{g}) + \text{O}_2(\text{g}) \rightarrow \text{CO}_2(\text{g}) + \text{H}_2\text{O}(\text{g})$
 $4 + 4 = 10$
a) 1
b) 2
c) 3
d) 7
e) 5

What's the difference between CaCO_3 & HCl ?

4) $\text{CaCO}_3(\text{s}) + \text{HCl}(\text{aq}) \rightarrow \text{CaCl}_2(\text{aq}) + \text{CO}_2(\text{g}) + \text{H}_2\text{O}(\text{l})$
a) 1
b) 2
c) 3
d) 7
e) 5

5) $\text{C}_2\text{H}_6\text{O}(\text{g}) + \text{O}_2(\text{g}) \rightarrow \text{CO}_2(\text{g}) + \text{H}_2\text{O}(\text{g})$
 $4 + 2 = 6$
a) 1
b) 2
c) 3
d) 7
e) 5

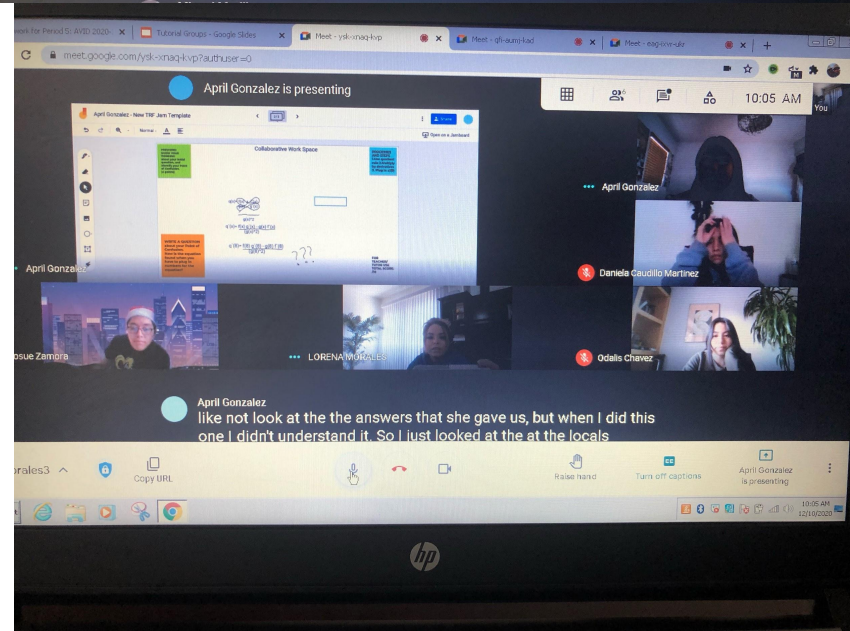
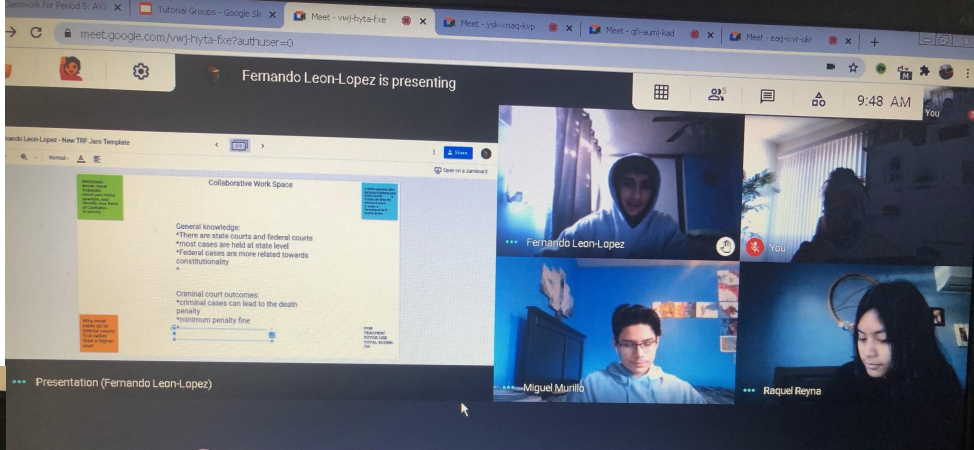
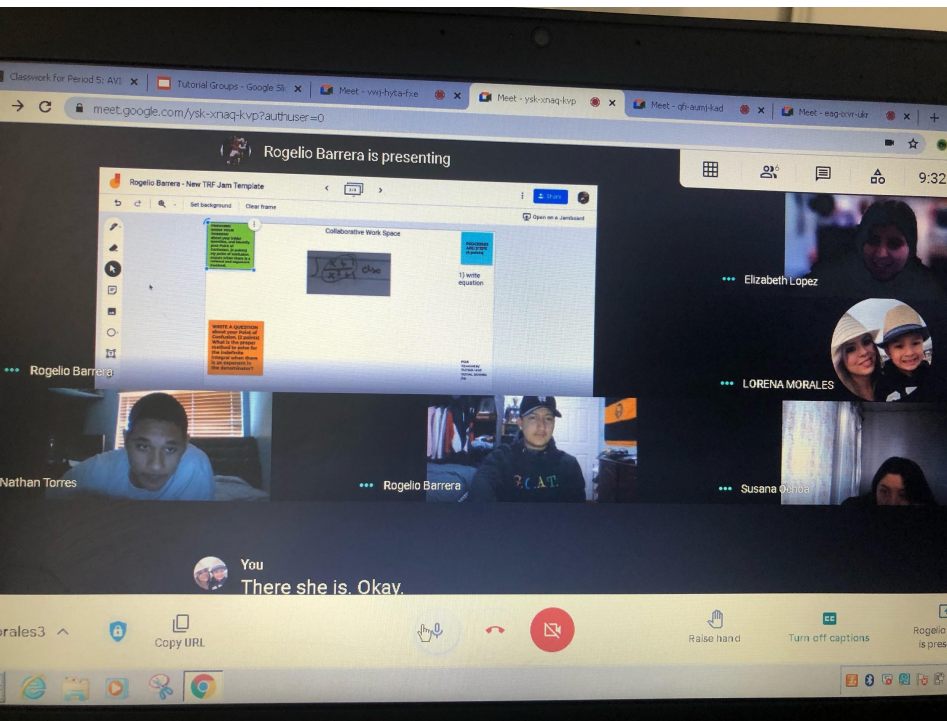


2. Weekly Tutorials

- *Structured and collaborative study groups twice a week*
- *Facilitated by a Tutor*
- *Support from your peers from asking guiding questions*
- *Strengthen your presentation skills*
- *Utilize resources- notes, assignments, text books, online resources, etc.*
- *Reflect on your learning*



2. Weekly Tutorials (Virtual)



2. Weekly Tutorials (In classroom)



$\text{IQ: Solve } y = 2(x+1)^2 - 1$

$\text{POC: What are the steps needed to solve the quadratic in vertex form.}$

$y = 2(x+1)^2 - 1$

a) vertex - (h, k)
 $(-1, -1)$

b) axis of symmetry $x = -1$

c) End Behavior - up

d) min/max - min

e) Domain, Range - $(-\infty, \infty)$ $[-1, \infty)$

f) increase, decrease - $(-1, \infty)$
 $(-\infty, -1)$

$2(0+1)^2 - 1$
 $2(1)^2 - 1$
 $2 - 1$
 1

① vertex $(-1, -1) \Rightarrow y = 2(x+1)^2 - 1$
② axis symmetry $x = -1$
③ End Behavior/UP
④ minimum
⑤ Domain/Range
⑥ increase
decrease



*AVID Ambassador/Senior testimonials
about tutorials*





3. College Tours



Why?

It's important to see the campuses and get a feel for the environment and culture on various campuses so you get a better idea of what college you want to attend.

- 1. Day trips: Visit 2 colleges locally*
- 2. Junior College Trip: visit 7-9 colleges in Northern California over 3 days.*
- 3. Virtual College Tours: Online during distance learning*



3. College Tours





4 Year College Admissions for LSHS AVID Seniors



We are pretty
successful at
student success!!!

2017-2018: 88.9% Accepted

2016-2017: 93.2% Accepted





What our Seniors say about AVID





LSHS AVID Application for Current 8th Graders



If you are interested in applying to be apart of the LSHS AVID family next year then scan this QR Code:

Or, click on this link:

<https://forms.gle/aj8qFhMXgWS1LtQBA>

Questions? Contact Mr. Pearson
eric.pearson@alvordschools.org





LSHS AVID Application for Current LSHS Students



If you are interested in applying to be apart of the LSHS AVID family and going to be in 10th or 11th grade next year then scan this QR Code:

Or click this link:

<https://tinyurl.com/y4t65yf8>

Questions? Contact Mr. Pearson
eric.pearson@alvordschools.org

