

Frisco Independent
School District

Advanced Academics Night 2023-2024

**This Session Is Being Recorded and Will Be Posted
on the Advanced Academics Website**



Introductions



Dr. Amy Harp



**Mr. Krishna
Chetty**



**Mrs. Dana
Reid**

Introductions



**Mr. Larry
Wilson**



**Dr. Tiffany
Carey**



**Mr. James
Ayres**



**Ms. Jenna
Gates**

Purpose of the Evening

- Provide an overview of the many secondary advanced academic opportunities available for your student
- Share information that will help you initiate conversations with your student to determine course requests for next year
- Answer questions that you may have about advanced academics options



- Advanced Academics Department
- Advanced and Advanced Placement (AP) Programs
- International Baccalaureate (IB)
- Dual Credit
- Career & Technical Education (CTE)
- Grade Point Average (GPA)
- Gifted & Talented (G/T) Services
- World Languages
- Exams for Acceleration

Frisco Independent School District

- Our mission is to know every student by name and need.
 - Variety of courses, programs, & services to differentiate learning for students of all ability levels
 - Recognize that students learn differently and at different paces
 - College, Career, Military, & Life Readiness

College Board



- Not for profit organization that “helps students prepare for a successful transition to college through programs and services in college readiness and college success-including the SAT and the Advanced Placement Program”
 - Develop and administer the TSI, PSAT, SAT, & AP Exams
 - Research, advocacy, & other partnerships
- www.collegeboard.org

AP[®]



Advanced Placement Program

- Created by the College Board in 1955
- 37 total courses across 22 subjects; 32 in Frisco ISD
- Students can earn college credit by taking AP exams in May (scores range from 1-5)

By taking AP courses, students can...

- Earn college credit or avoid introductory course while in college
- Prepare themselves for future coursework by gaining key readiness skills
- Stand out in college admissions

AP Scoring

AP Exam Score	Recommendation	College Course Grade Equivalent
5	Extremely well qualified	A+ or A
4	Very well qualified	A-, B+, or B
3	Qualified	B-, C+, or C
2	Possibly qualified	----
1	No recommendation	----

Advanced Placement (AP) Successes

- 10,945 students took 24,801 exams
 - 1,193 more students taking over 3,700 more exams
- 75% earning a score of 3, 4, or 5
- 4,417 or 40% earned an AP Scholar or Capstone Award
- The top four most popular AP Exams taken were
 - AP Human Geography - 2,871 Exams
 - AP World History - 2,471 Exams
 - AP English Language - 2,231 Exams
 - AP US History - 1,903 Exams

Advanced (formerly named Pre-AP)

- Advanced courses
 - Prepare students for future Advanced Placement coursework
 - Offered at Middle and High School
 - Open Enrollment
- Characteristics of an Advanced Class
 - Increased rigor, goes in greater depth
 - Pacing often faster
 - Different curricular elements (depending on course)

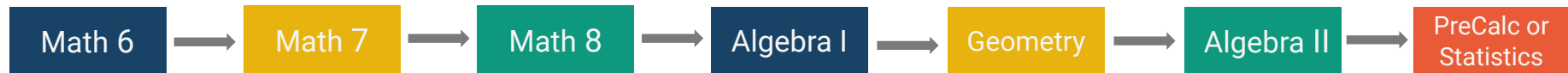
Advanced Courses in High School

High School Advanced Courses	
English I	Biology
English II	Chemistry
Algebra I	Spanish III
Algebra II	Art I
Geometry	Art II
Computer Science	GT Humanities I

Common Mathematics Pathways

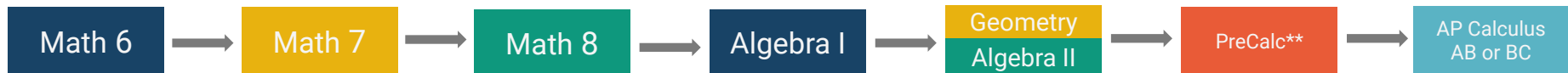
Traditional Pathway

6th Grade



12th Grade

AP Pathways



*8th grade standards are distributed between these Advanced courses

** Students typically enroll in AP Statistics the same year as PreCalculus

AP Courses in Frisco ISD

High School Advanced Placement

English Language & Composition (GT American Studies)	Human Geography
English Literature & Composition	World History (GT Humanities II)
Calculus AB	U.S. History (GT American Studies)
Calculus BC	Macroeconomics
Statistics	U.S. Government & Politics
Biology	European History
Chemistry	Psychology
Physics 1	Studio Art: Drawing
Physics 2	Studio Art: 2-D Design
Physics C: Mechanics	Studio Art: 3-D Design
Physics C: Electricity & Magnetism	Art History
Environmental Science	Music Theory
Spanish Language & Culture	Computer Science A
Spanish Literature & Culture	Computer Science Principles
French Language & Culture	Capstone Seminar
Chinese Language and Culture	Capstone Research
PreCalculus	

Should my student take Advanced and/or Advanced Placement courses?

- **Common Characteristics of Advanced & AP Students**
 - Highly motivated, willing to focus
 - Organized
 - Demonstrated ability in the subject area
 - Interest in the subject area
 - Desire to be challenged
- **Other Considerations**
 - Stress & Anxiety
 - Time & Other extra-curricular activities
 - Ability to manage personal technology
 - Balance!

Considerations for Taking AP Courses

- High School- Balance of Activities
- College Programming
- College AP Course Policy
- Ability to Manage Personal Technology
- Interest Level

Public universities in Texas are required to give credit for AP exam scores of 3 or higher (scored 1-5)

AP Capstone

- AP Capstone is an innovative program that helps you stand out in the college admissions process by developing the critical skills needed to succeed in college and in your future career.



Emphasizes Critical Skills
Needed for College & Beyond

Complements the in-depth
subject-matter study in AP

- Two new courses—AP Seminar and AP Research—allow students to immerse themselves in topics that matter to them, while they develop the analytic, research, problem-solving, and communication skills that colleges seek in their applicants.
- AP Seminar: Multicultural Section A designated section of this course will be utilizing curriculum related to multicultural studies. Students will continue to select topics of interest related to the African diaspora, Latin American studies, Asian American studies, and related multicultural topics.

The Pinnacle of AP Distinction – AP Capstone Diploma™

This challenging program helps students deepen their passion for learning, gives them greater confidence in their academic skills, and a broader perspective on their world.

AP Capstone Diploma™

Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams will receive the **AP Capstone Diploma**.

AP SEMINAR (Year 1)

Team Project & Presentation

Individual Research-Based Essay & Presentation

End-of-Course Exam

AP RESEARCH (Year 2)

Academic Paper

Presentation & Oral Defense

4 AP COURSES & EXAMS
(Taken at any point throughout high school)

AP Seminar and Research Certificate™

Students who earn scores of 3 or higher in AP Seminar and AP Research will receive the **AP Seminar and Research Certificate™**

Is AP for me?

Here are courses to consider

- AP Computer Science Principles
- AP Human Geography
- AP Seminar
- AP Psychology
- AP Precalculus

International Baccalaureate Diploma Programme (DP)

Core Subjects

Students learn and are assessed in language & literature, math, science, individuals & societies, world languages, & the arts.

Theory of Knowledge

Students learn and are assessed on the philosophy of knowledge throughout time.

Creativity, Activity, & Service (CAS)

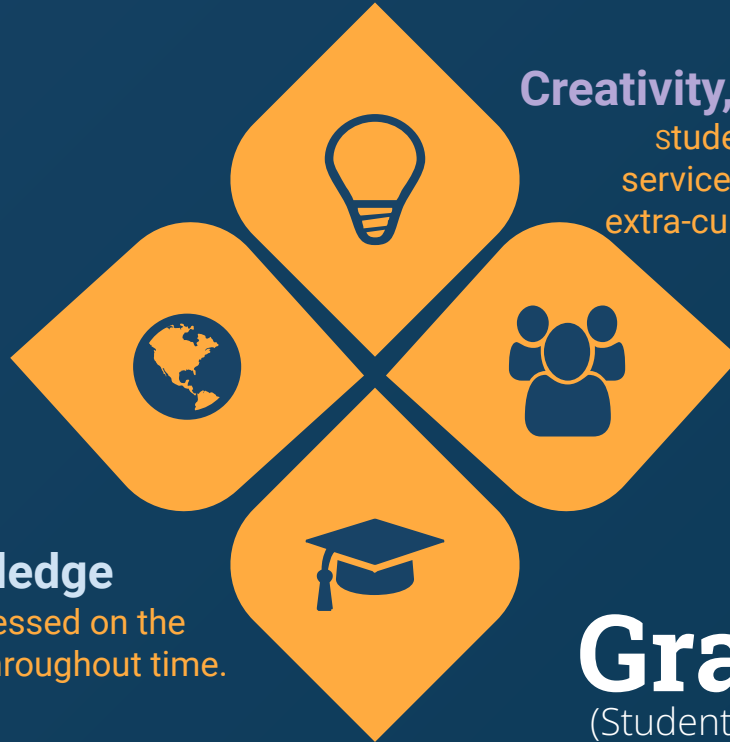
students contribute to society through service and develop themselves through extra-curricular activities & a final project.

Extended Essay

Students complete an independent, self directed, 4000 word research paper.

Grades 11 & 12

(Students transfer to FHS as 9th graders)



TOK, CAS, & Extended Essay

These components are referred to as the IB Core - start in 11th grade and completed/submitted to IB in 12th grade.

Theory of Knowledge - discussion-based course that provides an opportunity for students to reflect on the nature of knowledge and on how we know what we claim to know

Creativity, Activity, and Service - participation in a range of experiences and lead at least one project throughout 11th and 12th grades:

- real, purposeful activities with significant outcomes
- new personal challenges
- thoughtful consideration, such as planning, reviewing progress, adjusting, reporting
- reflection on outcomes and new personal learning from the experience

Extended Essay - independent, self-directed piece of research (approx 4000 words) based on student-created research question with faculty mentor as a general guide for reflection; writing process spans over 11th and 12th grades

IB Diploma Programme (DP)

- ✔ Typically, students take advanced options in 9th/10th to prepare for IB courses. (8th - Spanish 1, Algebra 1, Health if possible)
- ✔ Admissions process starts for 8th graders in Nov of each fall for the new cohort; lottery process with waitlist until transfer spots filled.
- ✔ IB DP provides rigorous preparation for university level - focus on inquiry, writing/research skills, global connections, and IB learner profile traits - aligned with future ready skills.
- ✔ If you missed the admissions process and are interested in joining, email GatesJ@friscoisd.org for more information.
- ✔ Learn more at www.ibo.org or on the FISD IB Diploma Programme website.

What is Dual Credit? - [FISD Dual Credit Website](#)

- Dual credit allows students to earn high school and college credit at the same time.
- High school students enroll in university classes and, upon successful completion, credits will apply to high school graduation AND a college degree. Credits are also on both college AND high school transcripts.
- High school students must be at least a rising 10th grader, qualify for college-readiness, and have HS counselor permission before participating in dual credit.
- ***Frisco ISD Dual Credit Programs Webinar, Collin/UNT - Dec 12/13***

FISD Dual Credit Options

- UNT NOW! - [website](#)
 - Interdisciplinary, project-based learning
 - Courses at UNT Frisco Campus
 - Set academic pathway over 11th-12th grade (42 credit hours).
 - \$900-\$1100 per semester (\$225/course)
 - **Informational Webinar, Wed. Dec, 13th @ 6 PM**
- UNT Online - [website](#)
 - Optional Social Studies & English courses for 11th & 12th graders
 - Asynchronous online courses with live tutorials
 - \$225 per / 3 credit course



FISD Dual Credit Options

- COLLIN COLLEGE - [website](#)
 - Optional courses
 - Courses on home campus and/or Collin College campuses
 - Multiple academic pathways (core, CTE, etc.)
 - \$188 per / 3 credit course
 - **Webinar Session - December 12th**
 - **Campus Informational Sessions**



Dual Credit Requirements

- Demonstrate college readiness in reading, writing and mathematics with one of the following assessments:

Test	Reading/Writing	Math	Composite
TSIA2	945-990 & 5-8 Essay <u>OR</u> 910-944 w/ Diagnostic level 5-6 & Essay 5-8	950-990 <u>OR</u> 910-950 w/ Level 6 Math Diagnostic	
ACT	40 (Pre 2/14/23 19)	22 (Pre 2/14/23 19)	Pre 1/14/23 23
SAT	480	530	
PSAT	460	510	

Career and Technical Education

Equips students with the future ready skills to take their next best steps.



Not just an elective...but a
PROGRAM OF STUDY

CTE provides students with **REAL WORLD** 21st Century Skills that make them Career and College Ready.

CTE Program Highlights

- 130+ course options
- 25 + Industry Certifications including Pharmacy Tech, Veterinary Assistant, IT Specialist, and many others!
- INCubator/ACCELerator program for young entrepreneurs
- 6 active Career and Technology Student Organizations that compete locally and internationally
- Esports program that offers a Work Based Learning Opportunity for seniors



Do we offer CTE courses in middle school?

Not for HS credit, but several courses are offered that explore some CTE pathways: Academy Connect! (CCMR), Computer Science, DGA (Animation) , Digital Communications, Broadcast, Engineering Design & Innovation, Skills for Living (Family Consumer Science)

Do we offer CTE courses at the high school campuses? Yes, most entry level courses are offered at the student's home high school campuses.

What courses do you offer at the CTE Center?

Most upper level courses are offered at the CTE Center with the exception of a few programs: such as all courses in Engineering and Architecture. Bus transportation is provided from the home campus to the CTE Center.

Quick FAQ

Middle School Academic Guide

MIDDLE SCHOOL to HIGH SCHOOL PATHWAYS

Academy Connect (REQUIRED Technology Application Course) 6th Grade

Computer Science (CS)
7th or 8th

Engineering Design & Innovation (EDI) 7th or 8th

Digital Graphics & Animation (DGA)
7th or 8th

Digital Communications
(7th or 8th)

Broadcast
(7 & 8th)

Skills for Independent Living
7th or 8th

Yearbook
(7 & 8th)

Skills for Ind Living II
(8th only – certain campuses)

STEM

(Science, Technology, Engineering, and Math)
Endorsement Pathway

BUSINESS & INDUSTRY

Endorsement Pathway

Computer Science

Computer Science Level I or Computer Science I Advanced (or AP Computer Science Principles)

AP Computer Science A Level II or Video Game Programming I

Computer Science III or Video Game Programming II or Mobile Application Programming

Video Game Programming II or Mobile Application Programming

Engineering

Introduction to Engineering Design (PLTW)

Principles of Engineering Design or Civil Engineering & Architecture (PLTW)

Digital Electronics or Aerospace Engineering (PLTW)

Engineering Design & Development (PLTW)

Animation

3D Modeling & Animation (Fine Arts Credit)

Animation I

Animation II

Practicum in Animation

Graphic Design & Illustration

Digital Media

Graphic Design & Illustration I or Web Technologies

Graphic Design & Illustration II

Practicum in Graphic Design & Illustration

Audio/Video Production

Audio Video Production I

Audio Video Production II

Practicum in News Production I OR Practicum in Sports Broadcasting I

Practicum in News Production II OR Practicum in Sports Broadcasting II

Advanced Journalism

Journalism or Photojournalism or Audio Video Production

Yearbook 1 or Audio Video Production II

Yearbook 2 or Practicum in News Production I

Yearbook 3 or Practicum in News Production II

Hospitality & Tourism

Survey of Hospitality & Tourism

Introduction to Culinary Arts or Hotel Management or Travel & Tourism Management

Culinary Arts I or Hospitality Services

Culinary Arts II or Baking & Pastry Dual Credit or Practicum in Hospitality Services Internship or Food Science



Rising Freshman Resources

- Understanding the Endorsement & CTE Pathways
 - Part 1: Understanding high school endorsements
 - Part 2: CTE Center - Destination for Success
- Career & Technology Center & Programs...What a 9th Grader Needs to Know (voice-over which is 20 min)
- Attention: Audio Video Production & Journalism Pathway

Programs of Study

Programs of study are course sequences that prepare students with the knowledge and skills necessary for success in their chosen career. These sequences embed relevant, real world experiences.



Arts, Audio/Video Technology, and Communications Career Cluster

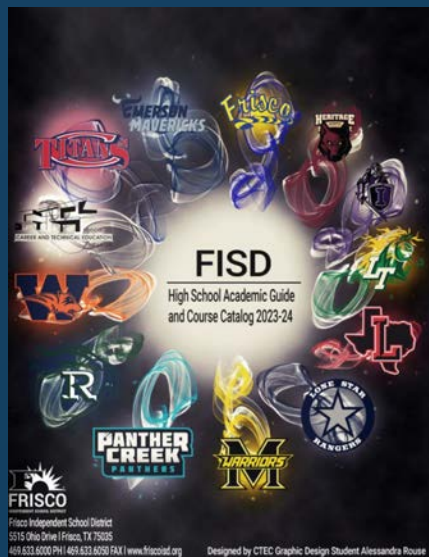
GRAPHIC DESIGN Program of Study

Digital Media

Graphic Design & Illustration I

Graphic Design & Illustration II

Practicum in Graphic Design & Illustration



Programs of Study



- Agricultural Mechanics
- Accounting & Financial Studies
- Animation
- Architecture & Construction
- Audio & Video Production
- Business Management & Administration
- Culinary Arts
- Digital Communications
- Education & Training
- Entrepreneurship
- Financial Systems
- Government & Public Administration
- Graphic Design
- Health Science
- Hospitality & Tourism
- Information Technology/Networking Systems
- Interactive Media (Esports)
- Legal Studies and Law Enforcement
- Marketing & Sales
- Plant Science
- Pre-Engineering
- Programming & Software (Computer Science)
- Sports & Entertainment Management
- Veterinary Medical Assistant/Animal Science

Career and Technical Education Center

- Opened in 2008
- Over 20 Programs of Study
- Industry Based Certifications
 - **2300 Certifications (2021-2022)**
- Internship Opportunities
- Dual Credit Courses



More CTE Resources



Explore the CTE
career
pathways video
and the
roadmaps.

NNDCC

Navy National Defense Cadet Corps



WHAT IS THE NNDCC?



- 4-year Naval ROTC program that focuses on leadership, citizenship, and service
- Offered at Lebanon Trail High School
- Open to all high school students across the district
- Students transfer full-time to LTHS to participate in this single-blocked class.

For more information [click here.](#)

Click [here](#) for a video introducing the program.

FISD World Languages

Seal of Biliteracy

Pathways towards Proficiency



Seal of Biliteracy and Bilingualism- Information

- A recognition offered by the State of Texas that meet qualifications of being considered bilingual in two languages.
- Has been around since 2015.
- Students earning this award receive:
 - **performance acknowledgement** on their transcript
 - **letter of endorsement** from FISD that can be attached to college applications and post-secondary applications.

Seal of Biliteracy and Bilingualism- Requirements

English	LOTE (must meet one of the following)
<ul style="list-style-type: none">• Complete all English graduation requirements with an average grade of 80% or higher.	<ul style="list-style-type: none">• Complete at least 3 credits of the same language with an average grade of 80% or higher.• Complete a level 4 AP course with an average grade of 80% or higher.• Receive a score of 3 or higher on a foreign language AP exam.• Performance score on the Avant Assessment of an Intermediate Mid or higher.



Every Student Can Learn A New Language

World Languages

[Home](#)[Seal of Bilingualism
Qualifications](#)[Pathways to Seal of
Bilingualism](#)[Building Proficiency](#)[MyPathway](#)

Find The Pathway That Will Allow You To Earn The Texas Seal of Bilingualism

Our goal is to provide ALL students with the opportunity to earn the Texas Seal of Bilingualism and Biliteracy. Find the Pathway below that best fits you and get started today!

Click on the phrase that best describes you

I can only speak
English

I can speak
Spanish

I can speak
French

I can speak
another language



Credit By Exam

- For students with proficiency in languages other than English/Spanish/French
- Given in Spring and Summer each year (March/July)
 - Avant Assessment- 40 languages
 - Proficiency Exam (4 Skills)
 - Reading, Writing, Speaking, Listening
- Counselors can help with registration

Up to four years of Credit (Non-GPA)



PACE Exam

- For students with proficiency in Spanish or French
- Places students with proficiency directly into a level 2 or 3A course.
- Is given in the Spring of each year for placement the following Fall.
- Counselors help with registration.

Up to 2 years of Credit (Non-GPA)



Spanish/ French / American Sign Language

- For students with proficiency in Spanish or French
- Spanish- FISD offers courses at every middle school and high school (30).
- Level 1 is offered beginning in 7th grade
- French 1-4AP is offered at high school campuses. Level 1 can be taken beginning in 9th grade.
- ASL offered on select HS campuses (Heritage, Centennial, Lone Star)



Gifted/Talented Services

- Gifted students have different qualities and abilities that necessitate specialized services to meet their needs
- Referral, Testing, & Identification process

- <http://www.friscoisd.org/departments/gifted-education/home>

FISD G/T Service Design

ELEMENTARY

G/T students are served through an interdisciplinary pullout program and cluster classroom placement. Students meet with the G/T teacher for one to two hours per week, depending on the grade level.

MIDDLE

G/T students are served through G/T ILA Advanced, Algebra I Advanced, Geometry Advanced, 6th Science, Science Advanced, and 6th-8th Social Studies.

HIGH

G/T students are served through GT Humanities I (English I Advanced), G/T Humanities II (AP World History), and G/T American Studies (AP Language and AP US History).

G/T students are also served through core Advanced, Advanced Placement, and International Baccalaureate courses.

TEACHERS TEACHING THESE COURSES HAVE SPECIALIZED TRAINING IN MEETING THE CURRICULAR AND SOCIAL/EMOTIONAL NEEDS OF GIFTED LEARNERS.

Independent Study and Mentorship (ISM)

- Independent Study and Mentorship is a rigorous, challenging course offered at Frisco ISD high schools.
 - Available to juniors and seniors
 - Application process
- ISM students investigate a career topic that is of extreme interest to them through intense study, research, writing, and ultimately a mentorship with a professional.
 - Students must find the mentors themselves.
 - Students display their work mid-year and in a culminating final project presentation.

What is a GPA?

- Your semester grades for every high school credited course you take are transferred into a number and the number is used to calculate your GPA.
- There are two types of GPA that every student receives:
 - Unweighted GPA
 - Weighted GPA
- Both GPAs appear on your high school transcript that will be sent to colleges
- Different policies apply by grade level. See [website](#)



WHAT'S THE DIFFERENCE IN GPAS?

<u>Unweighted GPA</u>	<u>Weighted GPA for Rank</u>
Every course counts the same	Specific courses give you more GPA points
GPA is calculated on a traditional 4.0 scale	AP/IB courses are counted on a 6.0 scale
Often used for colleges outside of Texas	Advanced/Dual Credit, Project Lead the Way CTE courses, Academic Decathlon, ISM on a 5.5 scale
May be used for scholarship purposes; reduced tuition	Used for high school ranking and automatic admission purposes in Texas

GPA Examples

GPA is calculated by taking all semester grades and assigning a point value based on the actual score.

The total of those grade points is then divided by the number of grades.

Grade Point	AP/IB	Advanced/ Dual Credit	On-Level
6.0	100		
5.9	99		
5.8	98		
5.7	97		
5.6	96		
5.5	95	100	
5.4	94	99	
5.3	93	98	
5.2	92	97	
5.1	91	96	
5.0	90	95	100
4.9	89	94	99

GPA Examples

Year	Building	Course	SEM1	SEM2	FIN	Credit
2017	043905007	03010200 BIO	96 Q	93 Q	95 Q	1
2018	043905007	03040000 CHEM	96 Q	92 Q	94 Q	1
2019	043905007	03050000 PHYSICS	93	93	93	1

Calculation:

$$(5.1+4.8+5.1+4.7+4.3+4.3) / 6 = 4.7167$$

*Q indicates an Advanced course

Grade Point	AP/IB	Advanced/ Dual Credit	On-Level
6.0	100		
5.9	99		
5.8	98		
5.7	97		
5.6	96		
5.5	95	100	
5.4	94	99	
5.3	93	98	
5.2	92	97	
5.1	91	96	
5.0	90	95	100
4.9	89	94	99

Top 10% Rule

- Class Rank and Weighted GPA are used to determine if you are in the “Top 10%” of your class.
- Students who are in the top 10% of their class are automatically accepted into Texas public colleges. (University of Texas is now top 6%)
- There are numerous college options for students!
- Do your best and avoid hyper-focusing on GPA.

Question & Answer

- Mr. Krishna Chetty - Advanced Academics
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