

Frisco Independent
School District

**Welcome to Middle School
Advanced Academics
Night!**

**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



**Mrs. Nichole
Aryanpur**



**Dr. Tiffany
Carey**



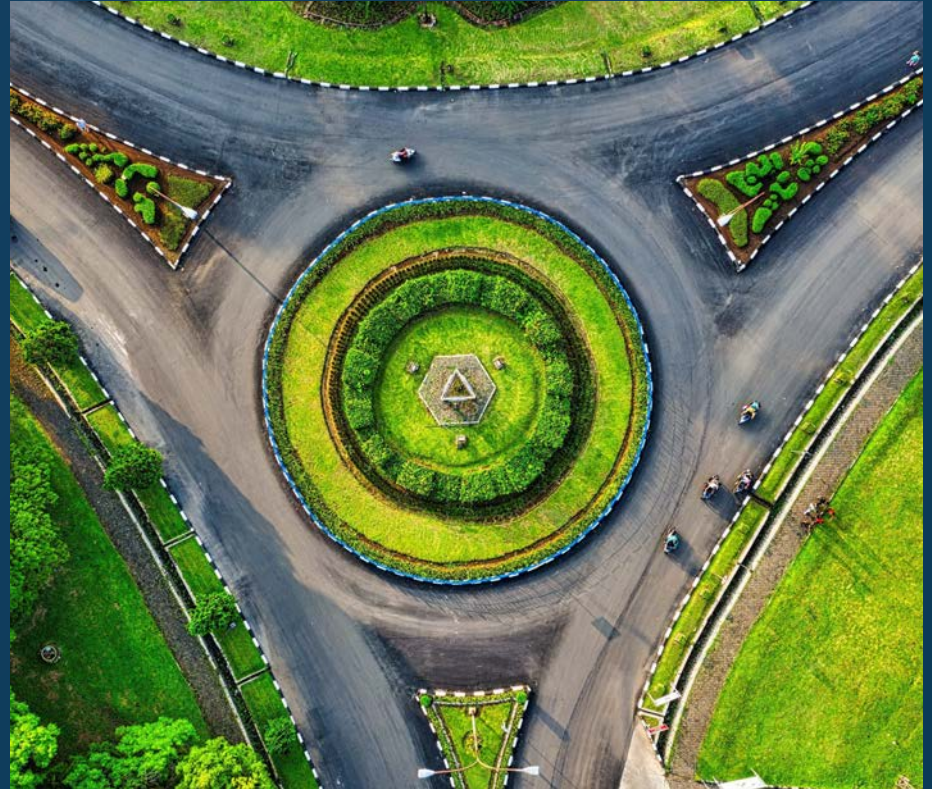
**Mr. James
Ayres**

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 Academic Topics of the Evening

- **Advanced Courses**
- **Advanced Placement**
- **International Baccalaureate**
- **Career Technology Education**
- **Dual Credit**
- **Grade Point Average**
- **Educational Services**



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

Advanced Academics at Middle School

- Building skills & knowledge
- Advanced classes
 - Integrated Language Arts
 - Math
 - Science
- Academic Competitions
- Variety of elective courses to explore interests

Advanced Courses in Middle School

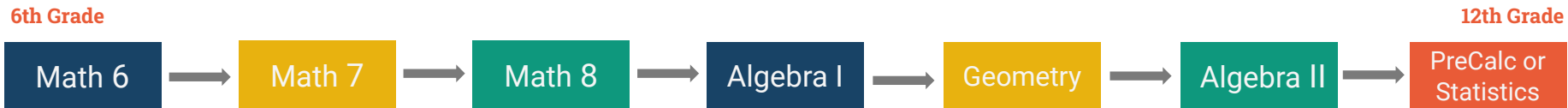
- **Advanced Courses**
 - Prepare students for future College Board Advanced Placement coursework in high school
 - Offered at Middle and High School
 - Open Enrollment
- **Characteristics of an Advanced Class**
 - Increased rigor, goes in greater depth
 - Pacing often faster
 - Different curricular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

Advanced Courses in Middle School

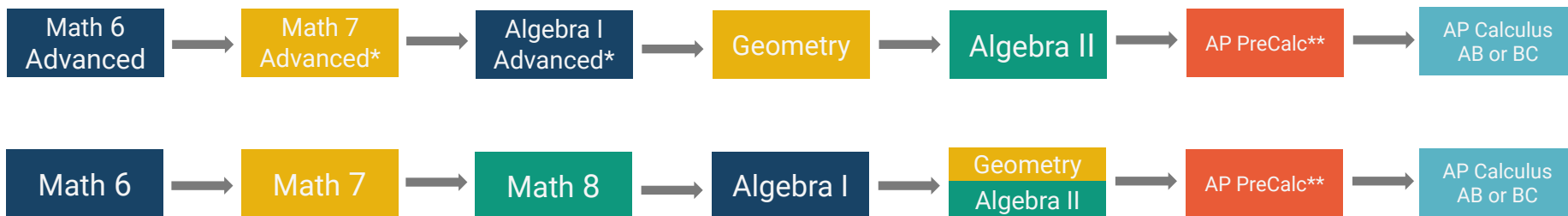
6 th Grade	7 th Grade	8 th Grade
Integrated Language Arts	Integrated Language Arts	Integrated Language Arts
G/T Integrated Language Arts	G/T Integrated Language Arts	G/T Integrated Language Arts
Math 6	Math 7	Math 8
	Science 7	Algebra I
		Science 8
		Geometry (online)

Common Mathematics Pathways

Traditional Pathway



AP Pathways



*8th grade standards are distributed between these Advanced courses

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

Should my student take Advanced classes?

- **Common Characteristics of Students in Advanced Classes**
 - 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

Benefits of Taking Advanced Placement Courses in High School

- Build College and Career Skills
- Earn College Credits
- Skip Introductory Classes
- Stand Out in College Admissions
- Increased Flexibility in College

International Baccalaureate Diploma Programme (DP)

*Webinar recording with
more details available on
the Fisd IBDP website.*



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.

Community, 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

Diploma Programme (DP)

If you are interested in the IB Diploma Programme at Frisco High School, it is recommended that you...

- ✔ Select Advanced courses in middle school
- ✔ Complete Algebra 1, Spanish 1, and health in 8th grade if possible
- ✔ Attend Information Nights in October as an 8th grader
- ✔ Submit Admissions forms in November of your 8th grade year to participate in lottery process (closes 11/17 for this year)
- ✔ Learn more at www.ibo.org or contact Jenna Gates at Frisco High School gatesj@friscoisd.org

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	

What is CTE?

- Career and Technical Education (CTE) - provides students with future ready academic and technical skills, knowledge and training necessary to take their next best step.



Career Clusters



Agriculture,
Food &
Natural
Resources



Education &
Training



Hospitality
& Tourism



Marketing



Architecture &
Construction



Finance



Human
Services



Manufacturing



Arts, A/V
Technology &
Communications



Government
& Public
Administration



Information
Technology



Science,
Technology,
Engineering &
Mathematics



Business
Management &
Administration



Health Science



Law,
Public Safety,
Corrections
& Security



Transportation,
Distribution
& Logistics

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 every 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.**

Middle School Academic Guide

MIDDLE SCHOOL to HIGH SCHOOL PATHWAYS



MIDDLE SCHOOL

HIGH SCHOOL ENDORSEMENT 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

More CTE Resources



Explore the CTE
career
pathways video
and the
roadmaps.

What is a **Grade Point Average**?

- 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



WHAT'S THE DIFFERENCE IN GPAS?

<u>Unweighted GPA</u>	<u>Weighted GPA for Rank</u>
Every course counts the same	Advanced 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

What Middle School Courses Count for GPA?

- ❑ Algebra I Advanced*, Geometry Advanced*
- ❑ Spanish I, Spanish II, Spanish III Advanced*
- ❑ Health

Any other high school credited course that is taken due to acceleration or transfers.

*Courses that have weighted GPA points

GPA Examples

GPA is calculated by taking 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

*Q indicates an Advanced course

Calculation:

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

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

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)



Other Acceleration Options

- Exams for Acceleration/Credit by Exam
 - Exams to demonstrate mastery of content in order to accelerate to next course
 - Students must pass exam with 80%; does not count in GPA but score is on transcript
 - If an 80% or higher is scored, credit will be given and the course can not be taken
 - Only recommended in rare cases where student has a strong background and high interest in subject area
 - Contact campus counselor for specifics on Exam for Acceleration

Educational Services

- Special Education
 - Section 504
 - English as Second Language
 - Gifted/Talented
-
- ★ Elementary services will continue in middle school in accordance with ARD, 504, ESL, G/T

Gifted/Talented Services

- Gifted students have different qualities and abilities that necessitate specialized services to meet their needs
- Referral, Testing, & Identification process
- [FISD Gifted Education Webpage](#)

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.

Question & Answer Contacts

- Mr. Krishna Chetty - Advanced Academics
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- Mrs. Dana Reid - Gifted/Talented
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- Dr. Tiffany Carey - Dual Credit
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- Mrs. Nichole Aryanpur - Career Technical Education (CTE)
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