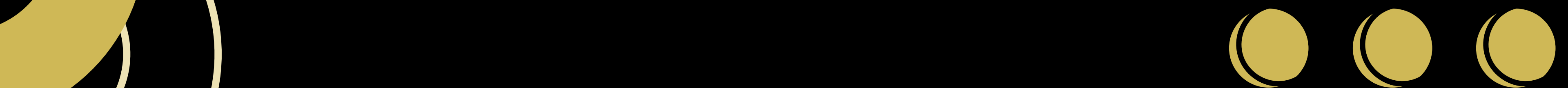


NISD Advanced Mathematics Program

Please sign in with QR code





NISD Advanced Mathematics Program

Parent Information Night

August 7, 2025





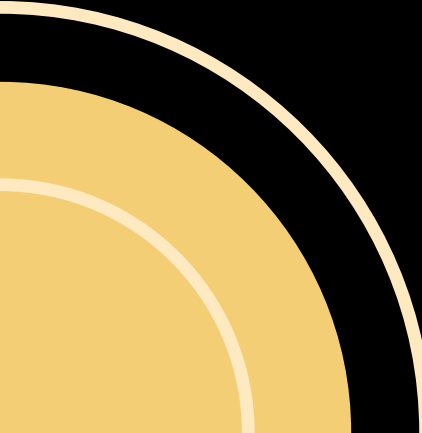
Dr. Stephanie Sandwell
NISD Secondary Curriculum
Coordinator for Math/Science
ssandwell@nederlandisd.org



Welcome and Introductions



\$350,320.30



\$543,979.70



Amount saved by NISD Students through AP Exams

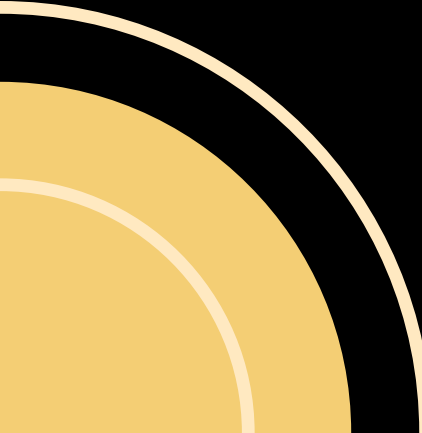
2024

\$350,320.30

2025

\$543,979.70

Nederland ISD pays for all AP Exams





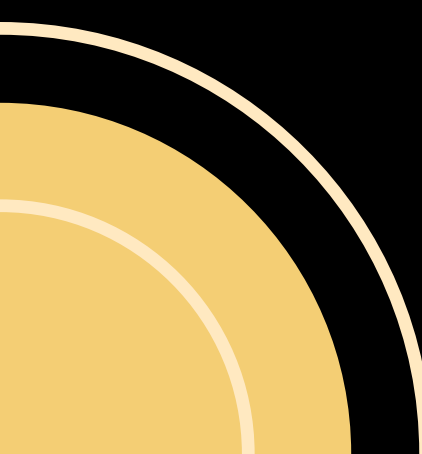
College Credits Earned by NISD Students through AP Exams

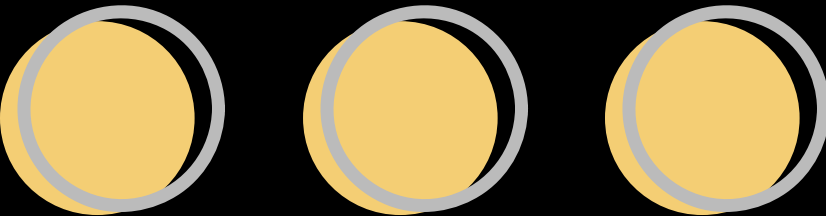
2024

855

2025

1,393





Discover AP

AP gives students the chance to do college-level work while they are still in high school to earn college credit and placement.

- 
- AP Exams are scored on a scale of 1–5.
 - The lowest score is 1, and the highest is 5.
 - Many U.S. colleges grant credit, advanced placement, or both for scores of 3 and higher.



NISD AP Mathematics Courses

- AP Calculus AB
- AP Calculus BC
- AP Statistics
- AP Precalculus

Amount saved by NISD Students through AP
Mathematics Exams

2024

45,876.75

2025

\$106,628.55

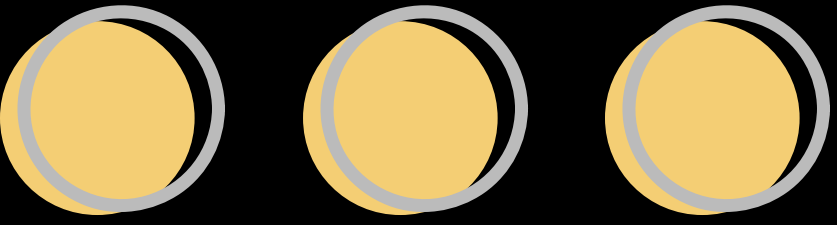
College Credits Earned by NISD
Mathematics Students through AP Exams

2024

106

2025

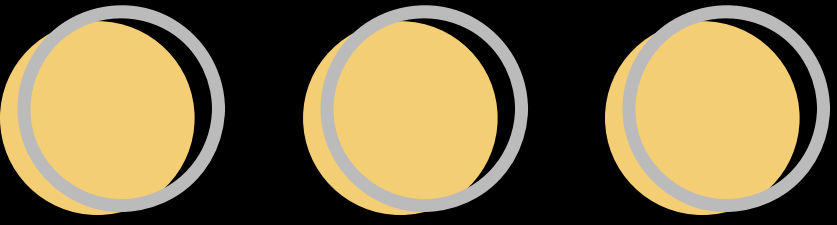
253



Discover Pre-AP

Pre-AP is designed to be accessible to all students. Pre-AP grade-level instruction develops skills for future success with AP. The course is building the skills that students are going to need in order to do well in AP classes.





Middle School Advanced Mathematics Courses

- 6th Grade Honors - 6th STAAR
- 7th Grade Honors - 8th STAAR
- 8th Grade Algebra I - Algebra I EOC



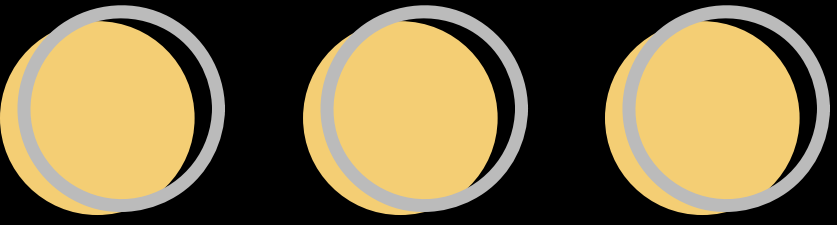
Students receive an Algebra I High School credit upon successful completion of the course in 8th Grade.



NISD Pre-AP Mathematics Courses

Pre-AP Geometry with Statistics
College Board Approved 2024-2025

Pre-AP Algebra II
College Board Approved 2025-2026

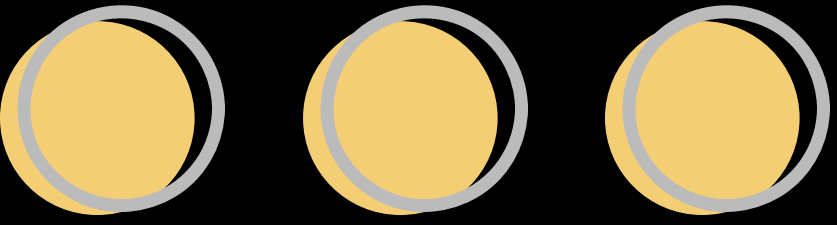


TEXAS EDUCATION CODE

§28.029

Texas Education Code §28.029 was part of the broader set of laws governing education in our state and focuses on providing accelerated instruction to ensure all students achieve grade-level proficiency in mathematics.





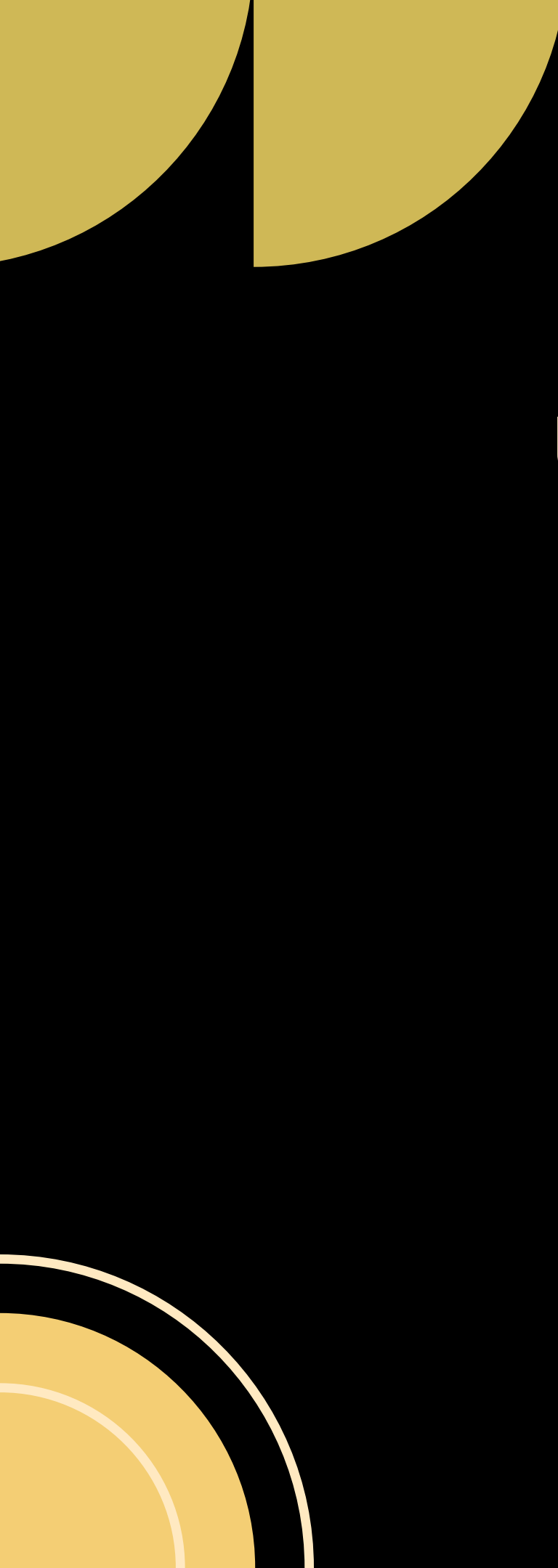
Senate Bill 2124

(88TH TEXAS LEGISLATIVE SESSION)

SB 2124 specifically targets creating advanced math pathways for students in Grades 6-12 and increasing the number of students who complete advanced mathematics courses in high school.

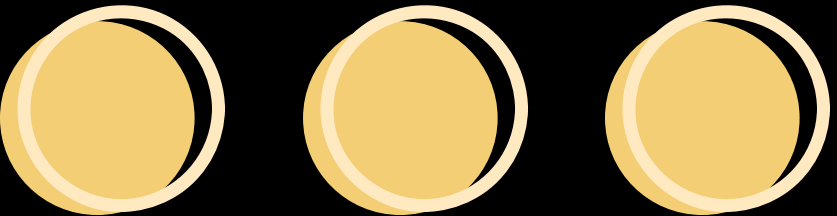
This law enacted the mechanism that each school district and open-enrollment charter school shall develop an advanced mathematics program for middle school students designed to enable them to enroll in Algebra I in the eighth grade.





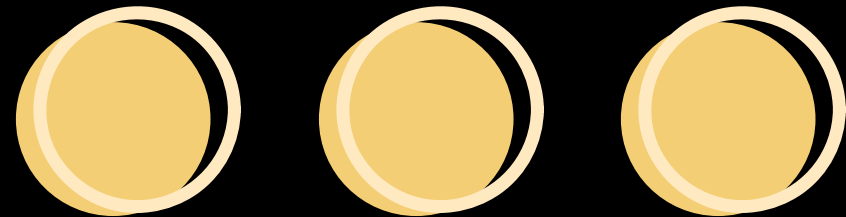
Auto Enroll Criteria from SB 2124

Under the program, subject to Subsection (c), each school district must automatically enroll in the Middle School Advanced Mathematics Program any 6th-grade student who performed in the top 40% (60th percentile), regardless of whether the student took the English language or the Spanish language assessment.



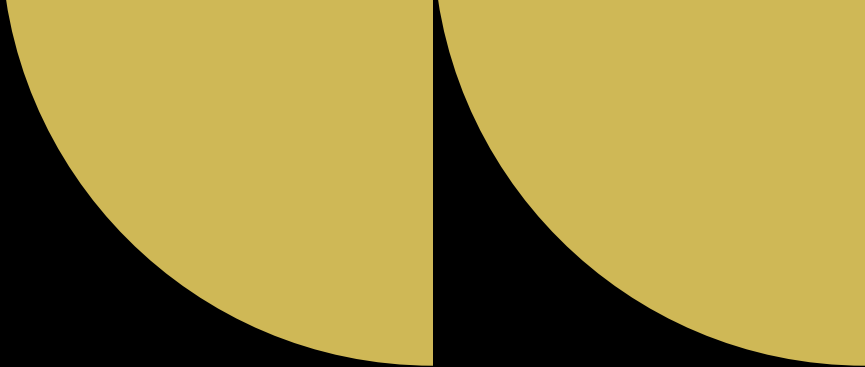
Moving Forward

SB 2124 serves as a catalyst for
NISD's creation and support of the
Advanced Mathematics Program for
students in Grades 6-12.

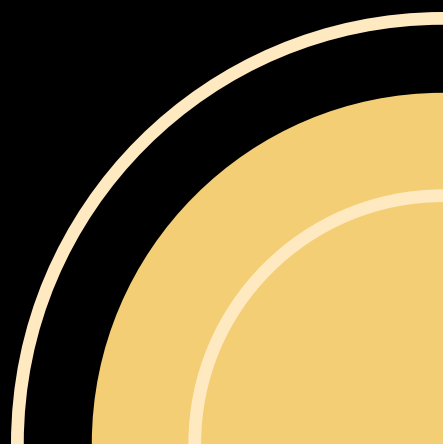


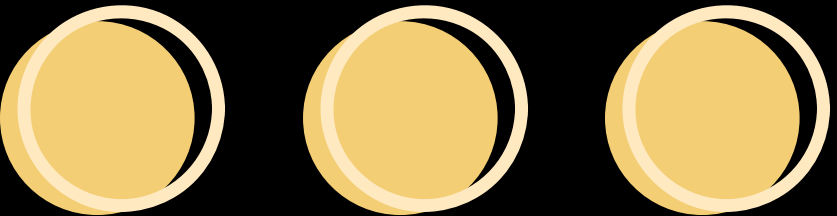
NISD Math Pathway Overview

	6th	7th	8th	9th	10th	11th	12th
Standard Math Pathway	Math 6	Math 7	Math 8	Algebra I	Geometry	Algebra II	Options : • PreCal • Statistics
Advanced Math Pathway	Math 6/7	Math 7/8	Algebra I	PreAP Geometry	PreAP Algebra II	AP PreCal	Options: • AP Calculus • AP Statistics



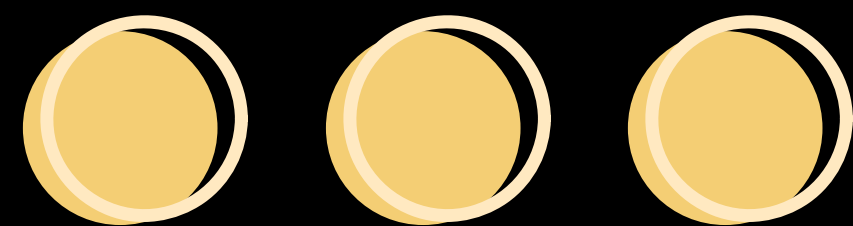
Benefits of Advanced Math Program

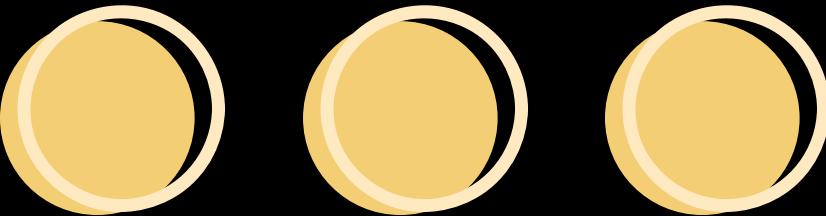
- Opportunity for Higher Success in Post Secondary Work
 - College Credit in High School
 - Increased Access and Wages in the Workplace
- 



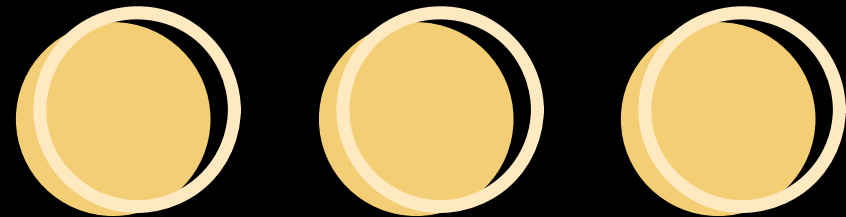
NISD Supports

- Open Communication Channels
 - Regular Progress Monitoring
 - Small Group Instruction
 - Tutoring Opportunities
 - Access to Resources and Materials
 - Enrichment Opportunities
- 





Parental Involvement

- Communicate with Teachers and School Staff
 - Monitor Homework and Study Habits
 - Create a Positive Learning Environment at Home
 - Encourage a Growth Mindset and Perseverance
 - Provide Age Appropriate Enrichment Activities at Home
 - Set Attainable Goals and Celebrate Achievements
- 

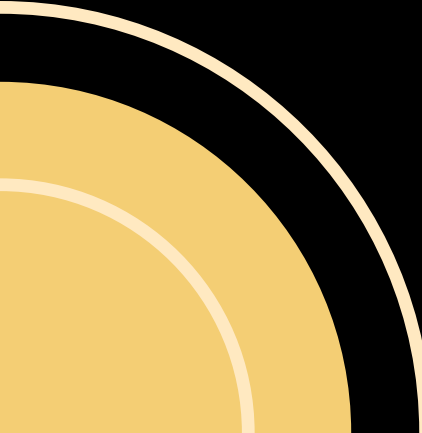


Student Testimonies

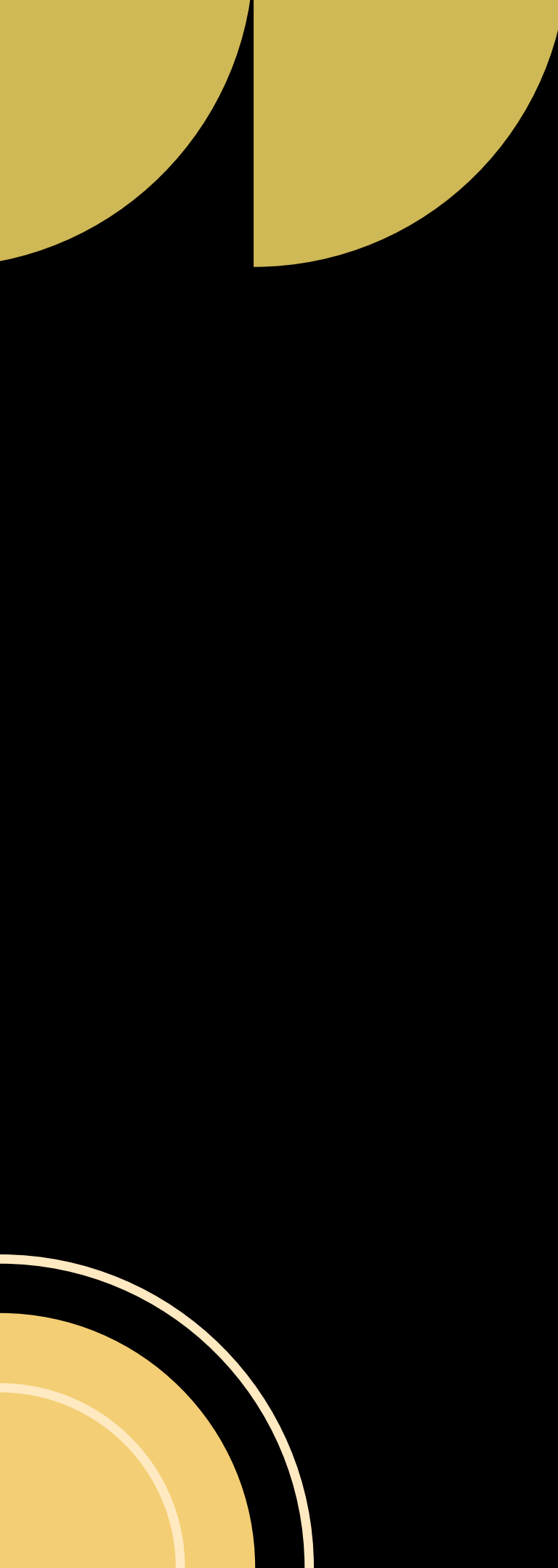
Sofia Tran

Santiago Contreras

Titus Tallant



Thomas McIntire

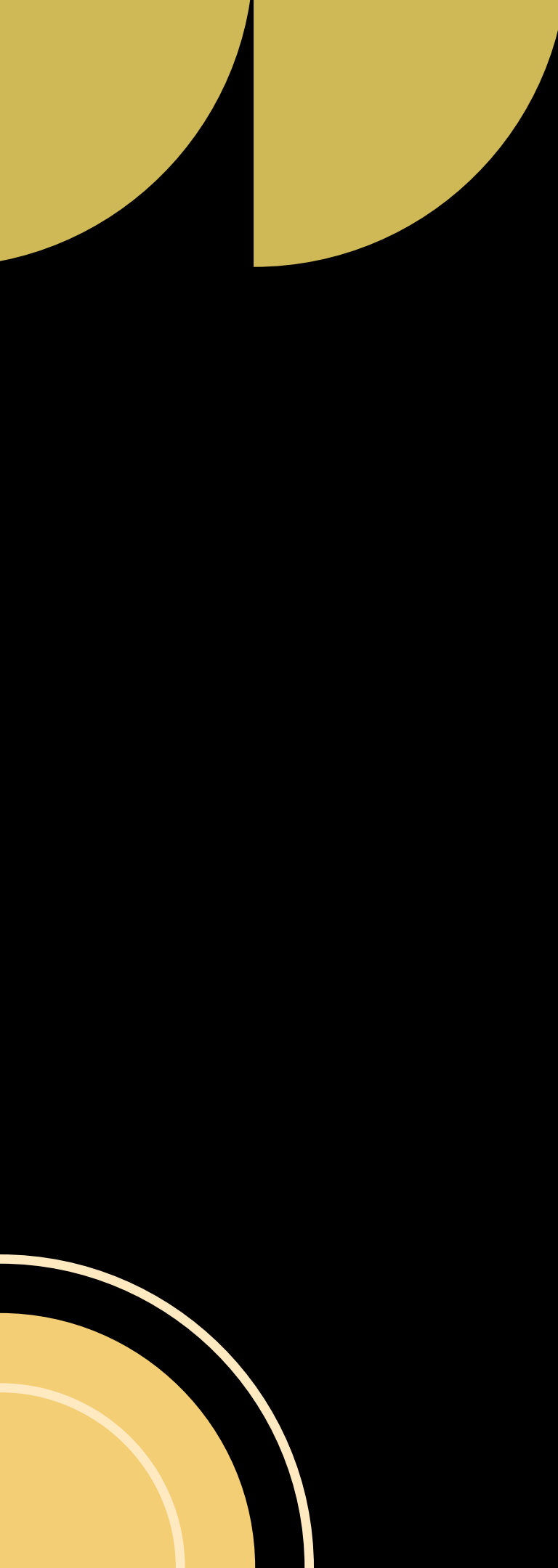


Q & A'S

NISD Advanced Mathematics Program

Please sign in with QR code





THANK YOU
FOR YOUR
ATTENDANCE



Dr. Stephanie Sandwell
NISD Secondary Curriculum
Coordinator for Math/Science
ssandwell@nederlandisd.org