

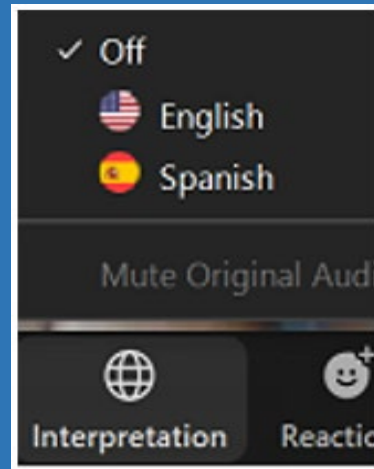
Spring Branch ISD  
**parentU**  
a learning experience

Spring Branch Independent School District  
**Middle School Math**

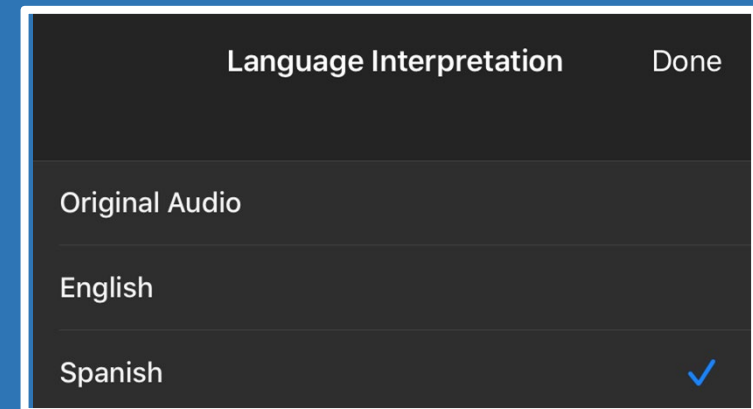
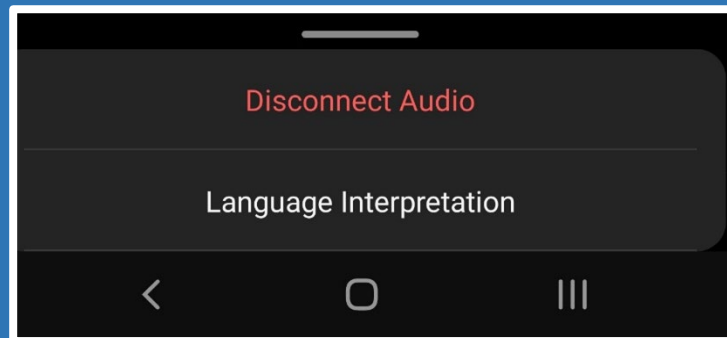
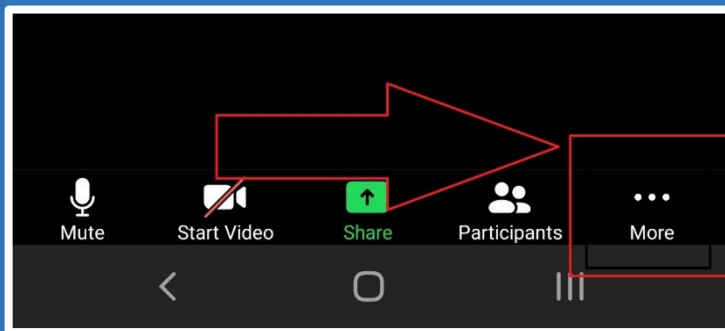


# Interpretación Disponible

Web



Android / iPhone





# Tonight's Agenda

- Why advanced courses in middle and high school?
- What are the advanced course options in middle and high school?
- What is different between math and the other subjects?
- Math sequence options
- Upcoming course selection process

# Why advanced courses in middle and high school?

- Colleges look for:
  - Rigorous course of study
  - Grades
  - Class rank\*
  - College Entrance Test Scores (SAT, ACT)
  - Wholistic Review – involvement, leadership, recommendations, essays, etc.
- SBISD weights advanced courses for purposes of GPA calculation & class rank
  - Only courses taken in high school during the school year and only a max of 4 courses (1 per core subject)
  - Weighted courses include AAC, AP, Dual Credit, Dual Enrollment, IB
- Advanced courses in middle school
  - Designed to be more rigorous than grade level courses & prepare students for advanced high school courses

# What are the advanced course options in middle and high school?

- AAC Courses (Advanced Academic Courses)
  - TEKS based
  - Offered in middle school and high school
  - Weighted in high school (core classes)
  - Prepares students to take AP, DC, DE, and IB courses
- AP Courses (Advanced Placement)
  - College Board developed courses, taught at college level
  - Students can earn college credit by passing a test at the end of the course
  - Weighted
- Dual Credit/Dual Enrollment
  - College courses in which students earn both college credit and high school credit
  - College credit earned by passing the course
  - Weighted

# What is different between advanced math and the other advanced courses in middle school?

- English, Science, and Social Studies have AAC options in middle school. Those courses teach the grade level TEKS, but at a more rigorous level
- AAC math classes in middle school are accelerated, with more than one year's worth of standards covered each year.
- We accelerate math to build more math course options into the high school experience.
- Students in AAC math, reach high school Algebra in 8<sup>th</sup> grade (and in some cases in 7<sup>th</sup> grade)

*A note about high school courses in middle school. The course and grade earned appear on a student's high school transcript. While these grades are not included in SBISD's GPA calculation, colleges will see the grades.*

# Math sequence options

- Three math sequence options exist for middle school students
- Two are advanced/accelerated
- One of the advanced requires students to qualify to access

# Math Course Sequences

6 <sup>th</sup> Grade	7 <sup>th</sup> Grade	8 <sup>th</sup> Grade	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Option 1 – Grade Level Math</b>						
6 <sup>th</sup> Math	7 <sup>th</sup> Math	8 <sup>th</sup> Math	Algebra I	Geometry	Algebra II	Adv. Math
<b>Option 2 - One Year Acceleration</b>						
6 <sup>th</sup> AAC/GT	7 <sup>th</sup> AAC/GT	Algebra I	Geometry	Algebra II	Pre-Calculus	AP Calculus
<b>Option 3 - Two Year Acceleration</b>						
7 <sup>th</sup> AAC/GT	Algebra I	Geometry	Algebra II	AP Statistics	Pre-Calculus	AP Calculus



# Option 2 sequence: One Year Acceleration

6 <sup>th</sup> grade		7 <sup>th</sup> grade		8 <sup>th</sup> grade
Math 6	Math 7	Math 7	Math 8	Algebra I

*6<sup>th</sup> grade course:* 6<sup>th</sup> Grade AAC Math

*Eligibility:* Students should have a history of performing at the "meets expectations" level on STAAR.

# Option 3 sequence: Two Year Acceleration

6 <sup>th</sup> grade		7 <sup>th</sup> grade	8 <sup>th</sup> grade
Math 7	Math 8	Algebra I	Geometry

*6<sup>th</sup> grade course:* 7<sup>th</sup> Grade AAC Math

*Eligibility:* Two eligibility options:

- 1) Summer Jump Start program
- 2) Credit by exam

# Option 3 Qualifying

Two ways to qualify for the Two-Year Acceleration Program

- 1) Summer Jump Start program
  - a. Students must qualify to take the Jump Start program by scoring at Mastery Level on the Jump Start qualifying test
  - b. If qualified, students take a two-week (8 half days) class in June. Successful completion of the class makes a student eligible for Option 3 in 6<sup>th</sup> grade.
  
- 2) Credit by exam – Students who sit for and pass the 6<sup>th</sup> grade credit by exam with an 80% or higher can accelerate to 6<sup>th</sup> grade Pre-Algebra (Option 3) without a summer program.

\*During February course selection, students interested in Option 3 should select AAC math, schedules will be adjusted if/when eligibility for Option 3 is attained.

# Additional Information

Jump Start Qualifying Test Registration : February

(Register with elementary counselor. Ask your counselor for the Jump Start letter that gives study suggestions)

Jump Start Qualifying Test Administration: Prior to Spring Break

(Administered at students' elementary)

Jump Start Summer Information – Students attend only one session

Two sessions: June (dates available through school counselor)

Tuition \$50 (scholarships are available, ask your counselor)

6<sup>th</sup> grade math acceleration is not an option at Cornerstone. Therefore, students attending Cornerstone should not sign up for Jump Start.

# Contacts

If you have questions:

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