

# PLANO ISD GRADUATION PLAN

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2015 Middle School  
Parent and Student Information

# Objectives

- Review updated state testing requirements
- Overview of graduation plan to help students and parents be informed for their 4-year planning meeting

# State Testing – End of Course Exams

- Algebra 1
- Biology
- English 1
- English 2
- US History

# FOUNDATION / ENDORSEMENT PLAN REQUIREMENTS

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# Prerequisites

- ❖ All prerequisites must be met before taking a course.

# English Language Arts – 4 credits

- English 1
- English 2
- English 3
- English 4 or choice

# Math – 4 credits

- Algebra 1
- Geometry
- 3<sup>rd</sup> year choice
- 4<sup>th</sup> year choice

# Social Studies – 4 credits

- World Geography
- World History
- US History
- Government/Economics



# Science – 4 credits

- Biology
- Choice – IPC or Chemistry
- 3<sup>rd</sup> year choice
- 4<sup>th</sup> year choice

# Course Options for 4<sup>th</sup> year of English

- English 4
- Oral Interpretation 3
- Debate 3
- Advanced Newspaper 3
- Advanced Year Book 3
- AP English Literature and Composition
- IB Language Studies A1 HL
- Professional Communication – if taken after English 3 – a ½ semester course which must be combined with another ½ semester course
- Literary Genres – if taken after English 3
- Creative Writing – if taken after English 3
- ❖ Other options, such as Research and Technical Writing or Business English, may be available in the future.

# Course options for 3<sup>rd</sup> Year of Math

- Math Models (must be taken prior to Algebra 2)
- Algebra 2

Algebra 2 is a prerequisite for the following courses:

- Precalculus
- Advanced Quantitative Reasoning
- AP Statistics
- AP Calculus AB
- AP Calculus BC
- AP Computer Science
- Math Independent Study
- IB Mathematics SL
- IB Mathematics HL
- IB Further Mathematics HL

# Course Options for 4<sup>th</sup> Year of Math

- Algebra 2

Algebra 2 is a prerequisite for the following courses:

- Precalculus
- Advanced Quantitative Reasoning
- AP Statistics
- AP Calculus AB
- AP Calculus BC
- AP Computer Science
- Math Independent Study
- IB Mathematics SL
- IB Mathematics HL
- IB Further Mathematics HL

# Course Options for 3<sup>rd</sup> year of Science

- Chemistry
  - Physics
  - Earth and Space Science
  - Environmental Systems
  - AP or IB Biology
  - AP or IB Chemistry
  - AP Physics 1-2
  - AP Physics C
  - IB Physics
  - AP Environmental Science
  - IB Environmental Systems
  - Anatomy and Physiology
  - Food Science
  - Forensic Science
  - Scientific Research and Design
  - Engineering Design and Problem Solving
  - Principles of Engineering
- ❖ Other options may be available in the future

# Course Options for 4<sup>th</sup> Year of Science

- Chemistry
  - Physics
  - Earth and Space Science
  - Environmental Systems
  - AP or IB Biology
  - AP or IB Chemistry
  - AP Physics 1-2
  - AP Physics C
  - IB Physics
  - AP Environmental Science
  - IB Environmental Systems
  - Anatomy and Physiology
  - Food Science
  - Forensic Science
  - Scientific Research and Design
  - Engineering Design and Problem Solving
  - Principles of Engineering
- ❖ Other options may be available in the future

# Foundation/Endorsement Requirements continued

- Health – ½ credit
- Foreign Language – 2 credits
- Fine Arts – 1 credit
- Physical Education – 1 credit
- Communication - .5 credit – AVID 1, Oral Interpretation 1, Debate 1, Professional Communication
- Elective/Endorsement Choices – 5 credits
  
- Total Credits Needed to Graduate – 26
  - ❖ Students are enrolled in 7 periods per school day and have the opportunity to earn 28 credits in the 9<sup>th</sup> through 12<sup>th</sup> grades.
  - ❖ Distinguished Level of Achievement – Foundation/Endorsement Plan including Algebra 2. Students are eligible for top 10% automatic admission to state universities.

# Fine Arts

- Art
- Dance
- Music
- Theater
- Principles and Elements of Floral Design



# Endorsements

- STEM
- Business and Industry
- Public Services
- Arts and Humanities
- Multidisciplinary Studies