PLANO ISD GRADUATION PLAN

2014 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

Number of required EOCs have been reduced from 15 to 5:

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

FOUNDATION / ENDORSEMENT PLAN REQUIREMENTS

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
- 3rd year choice
- 4th year choice

Social Studies – 4 credits

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

Science – 4 credits

- Biology
- Choice – IPC or Chemistry
- 3rd year choice
- 4th year choice

Course Options for 4th 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
- Communication Applications – 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 3rd 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 4th 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 3rd 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 4th 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, Communication Applications
- 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 9th through 12th 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