HB 5 Proposed Graduation Plan January 2014 (Final version available after Feb. 14 according to TEA)

In order to receive a high school diploma, students entering Grade 9 in 2014-15 and after must complete:

1. Requirements of the Foundation High School Program
2. Testing requirements
3. Demonstrate proficiency, as determined by the district in which the student is enrolled, in delivering clear verbal messages; choosing effective nonverbal behaviors; listening for desired results; applying a valid critical thinking and problem-solving processes; and identifying, analyzing, developing, and evaluating communication skills needed for professional and social success in interpersonal situations, group interactions and personal and professional presentations
4. The diploma and transcript or AAR must clearly indicate the distinguished level of achievement under the FHSP, an endorsement, and a performance acknowledgement the student earned
5. Student entering Grade 9 in 2014-15 will enroll in the courses required for at least one endorsement
6. Student may graduate without an endorsement if:
    a. The student and parents are advised of the benefits of graduating with an endorsement
    b. Student's parent signs a form from TEA allowing the student to graduate under the Foundation Program without an endorsement.
7. Student may earn distinguished level by completing requirements for the FHSP and at least one endorsement including 4 credits in science and math to include Algebra II.
8. Elective credits from the following:
    a. High school courses not required for graduation in Chapters:
        i. Chapter 110 ELA
        ii. Chapter 111 Math
        iii. Chapter 112 Science
        iv. Chapter 113 Social Studies
        v. Chapter 114 LOTE
        vi. Chapter 115 Health
        vii. Chapter 116 Physical Ed
        viii. Chapter 117 Fine Arts
        ix. Chapter 118 Economics Emphasis on Free Enterprise System and its Benefits
        x. Chapter 126 Technology Applications
        xi. Chapter 127 Career Development
        xii. Chapter 130 Career and Technical Education
    b. State approved innovative courses
    c. JROTC
    d. Driver Education (1/2 credit)
9. AP and IB courses may be substituted for required courses. A single AP or IB course may not count more than one credit. If the AP or IB course is substituted for a required course, that course may not satisfy a requirement for an advanced course, but may count toward both a required course and an endorsement.

10. Dual credit courses may satisfy graduation requirements including required courses, advanced courses, and courses for elective credit as well as requirements for endorsements.
11. Students may not enroll in course that has prerequisite unless:
    a. Student has successfully completed prerequisite
    b. Demonstrated equivalent knowledge as determined by the school district
    c. Enrolled in course in an out-of-state or out of country or Texas nonpublic school and transferred to a Texas public school prior to successfully completing the course.
12. Student may receive credit for a course completed without meeting the prerequisite if student completed the course in out of state, an out of country or Texas nonpublic school where there was no prerequisite.
13. Districts shall annually report to TEA names of locally developed courses, programs, IHEs and internships in which the district's students have enrolled.

Foundation 22 Credits	Endorsements 26 Credits	STEM 26 Credits	Business and Industry 26 Credits	Arts and Humanities 26 Credits	Public Service 26 Credits
	1. On entering 9th grade a student specifies an endorsement in writing 2. Before their junior year a student can enroll in courses under more than one endorsement and can change their specified endorsement 3. Must earn <u>at least</u> 26 credits 4. Districts may define advanced courses and determine a coherent sequence of courses for an endorsement area provided prerequisites are met.				
CTE	<u>All endorsements require</u>: A coherent sequence courses for 4 or more credits in CTE that consists of at least 2 courses in the same career cluster including at least one advanced CTE course. From: • Ch. 130 CTE • Ch. 127 Career Development OR • CTE Innovative courses approved by commissioner <u>A course completed as part of</u>	The final course in the sequence must be selected from one of the CTE career clusters: • Ch. 130 Subchapter O STEM Algebra II, chemistry and physics required for STEM	The final course in the sequence must be obtained from one of the CTE career clusters listed in the following from Ch. 130: • Agriculture, Food and Natural Resources • Architecture and Construction • Arts, Audio/video Tech and Communications	Five SS courses from Ch. 113 or Ch. 118 (Economics) 4 levels of the same language in LOTE from Ch. 114 Two levels of same language from	Final course from one of the CTE career clusters listed: • Ch. 130 Subchapter H Health Science • Ch. 130 E Education and Training • Ch. 130 G Government and Public Administration • Ch. 130 J Human

	the set of 4 courses needed to satisfy an endorsement requirement may also satisfy a requirement for a core foundation course or an elective Multidisciplinary Studies: 4 advanced courses that prepare a student to enter the workforce or postsecondary ed. without remediation from one endorsement or among endorsement areas that are not in a coherent sequence 4 credits in each of the four foundation areas to include English IV, and chemistry and/or physics Four credits in AP, IB or dual credit selected from English, math, science, social studies, economics, LOTE, or fine arts.	Coherent sequence of 4 courses in computer science selected from the following: • Fundamentals of Computer Science • Computer Science I, II, III • AP Computer Science • IB Computer Science, Standard Level • IB Computer Science, Higher Level • Discrete Math for Computer Science • Digital Forensics • Game Programming and Design • Mobile Application Development • Robotics Programming and Design • Independent studies of Tech App OR Three credits in math by successfully completing Algebra II and 2 additional math courses for which Algebra II is a prerequisite (from 4th math course list)	• Business Management and Administration • Finance • Hospitality and Tourism • Information Tech • Manufacturing • Marketing • Transportation, Distribution, and Logistics OR Four English elective credits selected from Chapter 110 to include three levels on one of the following: • Advanced Broadcast Journalism • Advance Journalism Newspaper • Public Speaking • Debate • Advanced Journalism: Yearbook Four technology applications credits by selecting from the following:	LOTE and 2 levels of different language from LOTE in accordance with Ch. 114 4 levels of American Sign language A coherent sequence of 4 credits by selecting courses from one or two categories or disciplines in Fine Arts Ch. 117 or innovative courses approved by the commissioner. Four English elective credits by selecting courses from Ch. 110 to	Services • Ch. 130 L Law, Public Safety, Corrections and Security Or 4 courses in JROTC

		Four credits in Science By completing chemistry, physics, and two additional science courses from allowable 4th science list In addition to Algebra II, physics, and chemistry, a coherent sequence of 3 additional credits from no more than two of the categories or disciplines represented above.	• Digital Design and Media Production • Digital Art and Animation • 3-D Modeling and Animation • Digital Communications • Web Design • Web Game Development • Independent Study Evolving/Emerging Tech Locally defined set of 4 credits from those listed in this endorsement in a coherent sequence that corresponds to the student's academic or career goals as documented in the student's personal graduation plan	include three levels in one of the following: • English IV • Independent Study in English • Literary Genre • Creative Writing • Research & Technical Writing • Humanities • AP English Literature & Composition • IB Language Studies A1 Higher Level	
ELA 4 credits required English I, II, and III Additional credit from one full credit or a combination of two half credits from two different courses from following list:					

• English IV • Communications Applications, which must be combined with another half credit from other courses in this list • Independent Study in Speech • Advanced Journalism: Newspaper III • Advanced Journalism: Yearbook III • Independent Study in English • Literary Genres • Creative Writing • Research and Technical Writing • Humanities • Public Speaking III • Oral Interpretation III • Debate III • Independent Study in Journalism • Advanced Broadcast Journalism III • AP English Literature and Composition • IB Language Studies A 1 Higher Level • Business English • After successful completion of English I, II, and III, a locally developed ELA course or other activity, including an apprenticeship or training hours needed to obtain an industry-recognized credential or certificate that is developed pursuant to TEC §28.002 (g-l) • a College Preparatory ELA course developed pursuant to TEC §28.014					

Math 3 credits required Algebra I and Geometry required 1. Additional credit from one full credit or a combination of two half credits from two different courses subject to prerequisites or a credit selected from list 2 below. • Mathematical Models with Applications • Mathematical Applications in Agriculture, Food, and Natural Resources • Digital Electronics • Robotics Programming and Design 2. The additional credit may be selected from one full credit or a combination of two half credits subject to prerequisite requirements, from the following courses • Algebra II • Precalculus • Advanced Quantitative Reasoning • Independent Study in Mathematics • Discrete Math for Problem Solving • Algebraic Reasoning - TBD • Statistics - TBD • AP Statistics • AP Calculus AB • AP Calculus BC • AP Computer Science	A fourth credit in math may be selected from one full credit or a combination of two ½ credits from two different courses from the following: (prerequisites must be met) • Algebra II • Precalculus • Advanced Quantitative Reasoning • Independent Study in Mathematics • Discrete Math for Problem Solving • Math Models (if the credit is earned prior to 9/1/2015 or Sept. 1 of a subsequent year in which either Algebraic Reasoning or Statistics has been developed and approved by SBOE) • Algebraic Reasoning TBD • Statistics – TBD • College Preparatory course developed by ISD and IHE partner • AP Statistics • AP Calculus AB • AP Calculus BC • AP Computer Science • IB Mathematical Studies Standard Level	Algebra II required			

• IB Mathematical Studies Standard Level • IB Mathematics Standard Level • IB Mathematics Higher Level • IB Further Mathematics Standard Level • Engineering Mathematics • Statistics and Risk Management • Discrete Math for Computer Science • After successful completion of Algebra II, a math course endorsed by an IHE as a course for which the institution would award credit or as a prerequisite for a course for which the institution would award credit. TEA shall maintain a current list of courses offered under this • After the successful completion of Algebra I and Geometry a locally developed math course or other activity including an apprenticeship or training hours needed to obtain an industry recognized credential or certificate that is developed pursuant to TEC §28.002 (g-l)	• IB Mathematics Standard Level • IB Mathematics Higher Level • IB Further Mathematics Standard Level • Engineering Mathematics • Statistics and Risk Management • Discrete Math for Computer Science • After successful completion of Algebra II, a math course endorsed by an IHE as a course for which the institution would award credit or as a prerequisite for a course for which the institution would award credit. TEA shall maintain a current list of courses offered under this subparagraph • After the successful completion of Algebra I and Geometry a locally developed math course or other activity including an apprenticeship or training hours needed to obtain an industry recognized credential or certificate that is developed pursuant to TEC §28.002 (g-l)				

Science 3 credits Required either: Biology, AP or IB Biology One credit must be selected from the following laboratory-based courses: • Integrated Physics and Chemistry • Chemistry • AP Chemistry • IB Chemistry • Physics • Principles of Technology • AP Physics 1: Algebra Based • IB Physics The additional credit may be from 1 full credit or a combination of two ½ credits from two different courses, subject to prerequisite requirements from the following laboratory based courses. • Chemistry • Physics • Aquatic Science • Astronomy • Earth and Space science • Environmental systems • AP Biology • AP Chemistry • AP Physics 1 Algebra Based • AP Physics 2 Algebra Based • AP Physics C • AP Environmental Science • IB Biology • IB Chemistry	Science 4 credits - Biology Additional credit in Science • Chemistry • Physics • Aquatic Science • Astronomy • Earth and Space science • Environmental systems • AP Biology • AP Chemistry • AP Physics 1 Algebra Based • AP Physics 2 Algebra Based • AP Physics C • AP Environmental Science • IB Biology • IB Chemistry • IB Physics • IB Environmental Systems • Advanced Animal Science • Advanced Plant and Soil Science • Anatomy and Physiology • Medical Microbiology • Pathophysiology • Food Science • Forensic Science • Advanced Biotechnology • Principals of Technology • Scientific Research and Design • Engineering Design and Problem solving • Principals of Engineering	Chemistry and Physics required		May take only 3 credits in science with written permission of student's parent. May substitute courses from: Chapter 110 ELA Chapter 113 SS Chapter 114 LOTE Chapter 117 Fine Arts	

• IB Physics • IB Environmental Systems • Advanced Animal Science • Advanced Plant and Soil Science • Anatomy and Physiology • Medical Microbiology • Pathophysiology • Food Science • Forensic Science • Advanced Biotechnology • Principals of Technology • Scientific Research and Design • Engineering Design and Problem solving • Principals of Engineering • After successful completion of physics, a science course endorsed by an IHE as a course for which the institution would award credit or as a prerequisite for a course for which the institution would award credit. TEA shall maintain a current list of courses offered • a locally developed science course or other activity including an apprenticeship or training hours needed to obtain an industry recognized credential or certificate that is developed pursuant to TEC §28.002 (g-l) • credit can't be earned for both Physics and Principals of Technology	• After successful completion of physics, a science course endorsed by an IHE as a course for which the institution would award credit or as a prerequisite for a course for which the institution would award credit. TEA shall maintain a current list of courses offered under this subparagraph • a locally developed science course or other activity including an apprenticeship or training hours needed to obtain an industry recognized credential or certificate that is developed pursuant to TEC §28.002 (g-l) • credit can't be earned for both Physics and Principals of Technology				
Social Studies 3 credits required • US History Since 1877 (1credit)					

• US Government (1/2 credit) • Economics with Emphasis on Free Enterprise system (1/2 credit) The additional credit may be selected from the following: • World History • World Geography • Combined World History/World Geography					
Language Other Than English LOTE 2 credits • Any two levels in the same language • Two credits in computer programming languages (must be selected from computer Science I, II, or III (applies to credits earned before 9/1/2016. Credits earned on or after 9/1/2016 may not be used for credits in LOTE) If a student (after completing the first credit of LOTE) demonstrates that he is unlikely to be able to complete the second credit he may substitute course as follows: • Special Topics in Language and Culture • World History or Would Geography for student who is not required to complete both by local district • Another credit from LOTE • Computer programing languages					

Determination to complete second credit of LOTE must be agreed to by: • Teacher of first LOTE course, principal, or designee and student's parent • ARD committee if student receives special ed. services • 504 committee if student does not receive special ed. but is covered by Rehab Act of 1973 Student who due to a disability is unable to complete two credits in same language in LOTE may substitute a combination of two credits from ELA, math, science, SS or two credits in CTE or Tech apps for the LOTE requirements. Determination will be made by: • ARD committee if student receives special ed. services • 504 committee if student does not receive special ed. but is covered by Rehab Act of 1973					
Physical Education – 1 credit Required credit may be from combination of following ½ to 1 credit courses • Foundations of Personal Fitness • Adventure/Outdoor Education • Aerobic Activities • Team or Individual Sports In accordance with local district policy,					

credit may be earned through completion of any TEKS based course that includes at least 100 minutes per five-day school week of moderate to vigorous activity and that is not being used to satisfy another graduation requirement In accordance with local district policy, credit for any courses listed may be earned through participation in the following: Athletics JROTC Appropriate private or commercially sponsored programs conducted on or off campus. District must apply to the commissioner of ed. for approval of programs which may be substituted for state graduation credit in PE. Such approval may be granted under the following conditions: • Olympic-level participation and/or competition include a minimum of 15 hours per week of highly intensive, professional, supervised training. Facility, instructors, and activities must be certified by superintendent to be of exceptional quality. Participating students may be dismissed from school for one hour per day but may not miss any class					

other than physical education • Private or commercially sponsored PE includes those certified by superintendent to be high quality. Student participation of at least 5 hours per week. Students may not be dismissed from any part of regular school day. In accordance with local district policy up to one credit may be from • Drill Team • Marching Band • Cheerleading All substitution activities must include at least 100 minutes per five-day school week of moderate to vigorous activity. Credit may not be earned for any course more than once. No more than 4 substitution credits may be earned through any combination of substitutions. Student unable to participate in physical activity due to disability or illness may substitute academic elective credit (ELA, math, science, or SS) Determination regarding student's ability to participate will be made by: • ARD committee if student receives special ed. services • 504 committee • Committee set by school district of					

persons with appropriate knowledge of student. Shall follow same procedures required of an ARD or Section 504 committee					
Fine Arts 1 credit subject to prerequisites • Art, Level I, II, III or IV • Dance Level I, II, III or IV • Music Level I, II, III or IV • Theatre Level I, II, III or IV • Principles and Elements of Floral Design • Digital Art and Animation • 3-D Modeling and Animation In accordance with local policy, credit may be earned through participation in a community based fine arts program not provided by the ISD. District must apply to the commissioner of ed. For approval of programs. Approval may be granted if the fine arts program provides the TEKS identified for a fine arts course in Ch. 117					
Elective courses 5 credits • Selected from list of courses in §74.11 (g) (High School Graduation requirements) or from a locally developed course or activity pursuant to TEC §28.002 (g-l) which does not satisfy a specific course requirement.	Elective courses 2 credits				
Substitutions None allowed except as specified in					

this chapter					

74.14 Performance Acknowledgements

Performance acknowledgement for outstanding performance in Dual credit

1. At least 12 hours of college academic courses including those taken for dual credit as part of the Texas core curriculum, and advanced technical credit, including locally articulated courses with a grade of the equivalent of 3.0 or higher on scale of 4/0.
2. An associate degree while in high school

Performance acknowledgement for outstanding performance in bilingualism and biliteracy

1. Demonstrating proficiency in accordance with local school district grading policy in two or major languages by:
    a. Completing all English language arts requirements and maintaining a minimum GPA of the equivalent of 80 on a scale of 100
    b. Satisfying one of the following
        i. Completion of a minimum of three credits in the same language in LOTE with a minimum GPA of the equivalent of 80 on a scale of 100
        ii. Demonstrated proficiency in the TEKS for Level IV or higher in a LOTE with a minimum GPA of the equivalent of 80 on a scale of 100
        iii. Completion of at least three credits in foundation subject area courses in LOTE with a minimum GPA of the equivalent of 80 on a scale of 100
        iv. Demonstrate proficiency in one or more LOTE through one of the following methods
            1. Score of 3 or higher on AP examination for LOTE
            2. Score of 4 or higher on an IB exam for a higher level LOTE course
            3. Performance on a national assessment of language proficiency in LOTE of at least Intermediate High or its equivalent
2. In addition to meeting the requirements above, to earn a performance acknowledgement in bilingualism and biliteracy, an English language learner must also have:
    a. Participated in and met the exit criteria for a bilingual or English as a second language program ***and***
    b. Scored at the Advanced High level on the TELPAS

Performance acknowledgement for outstanding performance in AP or IB exam

1. score of 3 or above on College Board AP

2. score of 4 or above on an IB exam

Performance acknowledgement for outstanding performance on PSAT, ACT-PLAN, SAT or ACT

1. earn a score on PSAT/NMSQT that qualifies for recognition as a commended scholar or higher by College board and National Merit Scholarship Corp., part of the National Hispanic Recognition Program of college Board, or as part of the National Achievement Scholarship Program of the National Merit Scholarship corporation
2. achieve college readiness benchmark score on at least 2 of the four subject tests on the ACT-PLAN
3. earn combined critical reading and math score of at least 1250 on the SAT
4. earn a composite score on the ACT of 28 (excluding the writing sub-score)

Performance acknowledgement for outstanding performance on nationally or internationally recognized business or industry certification or license with:

1. performance on an exam or series of exams sufficient to obtain a nationally or internationally recognized business or industry certification
2. performance on an exam sufficient to obtain a government-required credential to practice a profession.

Nationally or internationally recognized business or industry certification shall be defined as an industry validated credential that complies with knowledge and skills standards promulgated by a nationally or internationally recognized business, industry, professional or government entity representing a particular profession or occupation that is issues or endorsed by:

1. a national or international business, industry or professional organization
2. a state agency or other government entity
3. state-based industry association

Certifications or licensures for performance acknowledgements shall:

1. be age appropriate for high school students
2. represent a student's substantial course of study and/or end of program knowledge and skills
3. include an industry recognized exam or series of exams, an industry validated skill test or demonstrated proficiency through documented, supervised field experience; and
4. represent substantial knowledge and multiple skills needed for successful entry into a high skill profession or occupation