



**Franklin  
High School**

FRANKLIN INDEPENDENT SCHOOL DISTRICT

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# **Parent Meeting: 8<sup>th</sup> Graders Transitioning to High School**

Franklin High School  
Spring 2016

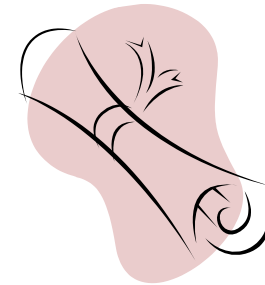
# Recent changes to Texas Education

Texas legislature in spring of 2013 mandated several major changes to Texas education, especially with high schools.

The signature legislation is House Bill 5 (HB5).



# HB 5



- Passed into law spring 2013
- Reduces number of required EOC exams required for graduation
- Allows greater flexibility in the new graduation plan: Foundation High School Program (FHSP)
- Encourages students to earn endorsements on their diplomas

# Testing – End of Course Exams

Number of exams reduced from 15 to 5:

- Algebra I
- English I
- English II
- U.S. History
- Biology



Must pass each EOC to graduate

HB5 changed high school graduation requirements.

HB 5 created the  
Foundation High School Plan  
with  
several options for  
Endorsements  
&  
a Distinguished Level of Achievement

# Old Graduation Plans

**Minimum High School Program  
(MHSP)**

**(22 Credits) (24 for FISD)**

**Recommended High School Program  
(RHSP)**

**(26 Credits)**

**Distinguished Achievement Program  
(DAP)**

**(26 Credits)**

# What is a Credit?

- One credit = 1 full year in a class
- One half credit = 1 semester of a class
- To earn credit:
  - Semester average must be 70% or better
  - Must attend 90% of days



# **New Graduation Plans**

**HB5 – Mandated for all incoming 9<sup>th</sup> grade students starting 2014-2015 and optional for current high school students:**

**Foundation High School Program  
(FHSP)**

**(22 Credits)**

**Foundation HSP with Endorsements**

**(26 Credits)**

**Distinguished Level of Achievement (DLA)**

**(26 Credits)**





Performance  
Acknowledgements

**Distinguished**

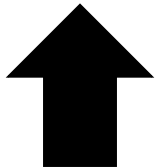
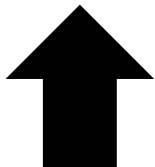
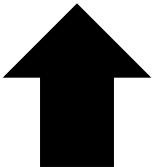
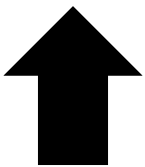
**Endorsements**

**Foundation Plan**

# NEW TEXAS HIGH SCHOOL DIPLOMA

**Distinguished Level of Achievement – 26 Credits**

*Algebra II Required, Eligible for Top 10% Automatic Admissions*



**1 Math and 1 Science**

**Endorsements – 26 Credits**

**Endorsement Requirements**

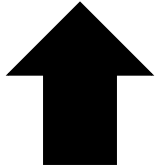
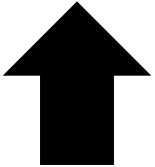
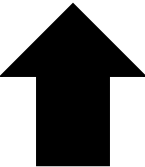
**STEM**

**Business  
&  
Industry**

**Public  
Services**

**Arts  
&  
Humanities**

**Multi-  
disciplinary  
Studies**



**Foundation High School Program  
22 Credits**

# Foundation Graduation Plan

## 22 Credits

English	4
Mathematics	3
Science	3
Social Studies	3
PE or PE substitute	1
Fine Arts	1
Language other than English	2
Electives	5

# Foundation High School Program

## Four credits:

- English I
- English II
- English III
- Advanced English course

## Three credits:

- Algebra I
- Geometry
- Additional math course

## One credit:

- Physical Education

## One credit:

- Fine Arts

## Two credits:

- Language Other Than English (LOTE)  
(same language)

## Three credits:

- Biology
- IPC or other lab-based science course
- Additional lab-based science Course

## Three credits:

- World History or World Geography
- U.S. History
- U.S. Government (one-half credit)
- Economics (one-half credit)

## Five credits:

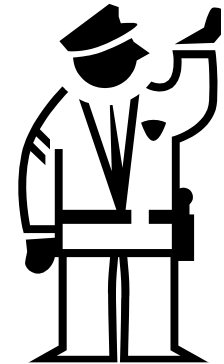
- Electives

**22 Total Credits**

# The FHSP with Endorsements

**With few exceptions, ALL** students **will be required** to earn an endorsement **in one of the following areas**:

1. STEM (Science, Technology, Engineering, and Math)
2. Business and Industry
3. Public Services
4. Arts and Humanities
5. Multidisciplinary Studies



The career cluster a student selects will fit under one or more of these endorsements.

The college or career pathway chosen will determine the endorsement a student earns

# Endorsement Available:

Arts and Humanities

Business and Industry

Science, Technology, Engineering and Mathematics

Public Services

Multidisciplinary



# Endorsements – 26 credits

<b>Arts and Humanities</b>	<b>Foundation Plan</b>	<b>Additional Credits needed for Endorsement</b>
<b>Discipline</b>	<b>Credits</b>	<b>Credits</b>
<b>English</b>	4	
<b>Math</b>	3	1
<b>Science</b>	3	1
<b>Social Studies</b>	3	
<b>Foreign Language</b>	2	
<b>Fine Arts</b>	1	
<b>Physical Education</b>	1	
<b>Electives</b>	5	2
<b>Total Credits for Graduation:</b>	22	4

# Foundation High School Program plus one or more Endorsements

## **Four credits:**

- English I
- English II
- English III
- Advanced English course

## **Four credits:**

- Algebra I
- Geometry
- Additional math course
- Additional math course

## **One credit:**

- Physical Education

## **One credit:**

- Fine Arts

## **Two credits:**

- Language Other Than English (LOTE)  
(same language)

## **Four credits:**

- Biology
- IPC or other lab-based science course
- Additional lab-based science course
- Additional lab-based science course

## **Three credits:**

- World History or World Geography
- U.S. History
- U.S. Government (one-half credit)
- Economics (one-half credit)

## **Seven credits:**

- Electives/ Endorsement specific courses

## **26 Total Credits**

\*Underlined courses reflect differences with the Foundation High School Program (without Endorsements)



# MULTIPLE ENDORSEMENTS?

- A school district will clearly indicate an Endorsement on the transcript or Academic Achievement Record (AAR) of a student who satisfies the applicable requirements. Each endorsement earned will be indicated.

# CHANGE OF ENDORSEMENTS

- Continue to update the 4 – Year Plan every year, along with Course Registration
- Students will have the opportunity to change Endorsements, but need to make sure Endorsement requirements are able to be met



# Distinguished Level of Achievement

- Four credits in mathematics, which must include Algebra II
- Four credits in science
- The remaining foundation plan curriculum requirements
- The curriculum requirements for at least one endorsement



# **DISTINGUISHED LEVEL OF ACHIEVEMENT (DLA)**

**FHSP with Endorsement,  
including Algebra II**

**Eligible for 4 - year Texas public  
colleges Automatic Admission if DLA  
and Top 10%**

**(except Texas at Austin top 7%)**



## Higher Education Requirements

- Students must complete Foundation High School Program and meet entrance requirements to be considered for general admission to a 4 - year Texas institute of higher education
- Students must also earn the Distinguished Level of Achievement to be considered in the top 10% for automatic admission to a Texas institute of higher Education.

# HB5

## PERFORMANCE ACKNOWLEDGEMENTS

### Outstanding Performance(s) in:

- ◎ **Dual Credit**
- ◎ **Bilingualism and Biliteracy**
- ◎ **Advanced Placement Exams**
- ◎ **PSAT, ACT-PLAN, SAT or ACT**
- ◎ **Business or Industry Certificate or License**

# Advanced Academics

- Pre-Advanced Placement and Advanced Placement classes are available in many subject areas.
- General rule:
  - Should have an “A” in current on-level class  
OR an “A” or “B” in current Pre-AP class
  - AND Score Level Three on state assessment  
and local subject criteria



# Advanced Academics

- **Benefits**

- Prepare for college
- Opportunity for more points toward your GPA
- Possible college credits through AP exams and Dual Credit program





# Who should take Advanced Classes?

## Students who are:

- Self-motivated
- Hard-working
- Good time-manager
- Challenge-seeking
- Capable of handling more rigorous curriculum at a faster pace
- Completes assignments on time and is prepared for class



# Students Entering 9<sup>th</sup> Grade Starting 2014 – 15

- Each student selects (in writing) an endorsement.
- The student and his/her parents are advised of the benefits of graduating on the Foundation Plan with Endorsements.
- Endorsements can be changed .



# GRADUATION PLANS

- Students build and update their 4 - year plans each year beginning with 8<sup>th</sup> grade.
- Students are encouraged to take courses that are most interesting and useful to each individual student.
- Students plan and prepare for a seamless transition between high school and post-secondary opportunities.

## Students Entering 9<sup>th</sup> Grade After 2013 – 14

- May move to the Foundation Plan without Endorsements after their 10<sup>th</sup> grade year
- Parent/Guardian must give written permission to move to the Foundation Plan.



# Planning for high school



# Planning for high school

“The courses you choose for high school should align with your college and career goals.”



# Choose a Career Cluster of interest

Career Clusters are defined by the possible vocations and jobs from that area of interest. The Springboard and Explore Careers in Career Cruising used in 8<sup>th</sup> grade identifies students' strengths and interests based on the students' answers to career questions. Programs of Study (POS) are comprised of a coherent sequence of courses that support and prepare a student toward his/her career of interest. The program of study determines which endorsement a graduate earns.

## All Clusters

- [Agriculture, Food and Natural Resources](#)
- [Architecture and Construction](#)
- [Arts, Audio-Video Technology and Communications](#)
- [Business, Management and Administration](#)
- [Education and Training](#)
- [Finance](#)
- [Government and Public Administration](#)
- [Health Science](#)
- [Hospitality and Tourism](#)
- [Human Services](#)
- [Information Technology](#)
- [Law, Public Safety, Corrections and Security](#)
- [Manufacturing](#)
- [Marketing](#)
- [Science, Technology, Engineering and Mathematics](#)
- [Transportation, Distribution and Logistics](#)

# Schools provide Programs of Study (POS) that:

- Align rigorous academic standards and student achievement standards;
- Include academic and career content in a coordinated, non-duplicative sequence of courses;
- Are relevant and challenging at the secondary and postsecondary level;
- Lead to employment in high skill, high wage, or high demand occupations;
- Offer opportunities for dual credit; and
- Lead to a degree, certificate, or credential.



# Why Programs of Study?

- Programs of study are the new centerpiece of the guidance program.
- Programs of study help students plan an individualized coherent educational path that supports and prepares their college and career plans following graduation.



**Am I locked into this cluster and these courses?**

**No. You will look at “next year’s courses” each spring while in high school. To make a change, get with your counselor.**

# Typical Franklin High School Course Sequence

## Four credits:

- English I
- English II
- English III
- English IV

## Four credits:

- Algebra I
- Geometry
- Algebra II or MMA
- advanced math

## One credit:

- Physical Education

## One credit:

- Fine Arts

## Two credits:

- LOTE - Spanish I  
- Spanish II

## Four credits:

- Biology
- IPC
- Chemistry
- Physics or Environmental Science or advanced sciences

## Three credits:

- World Geography
- World History
- U.S. History
- U.S. Government (one-half credit)
- Economics (one-half credit)

## Seven credits:

- Electives/ Endorsement specific courses  
(Note: Driver Ed/Health are joined)

## 26 Total Credits

**Many options depending on student's selected Program of Study**

# Typical Franklin High School Course Sequence

## Four credits:

- English I
- English II
- English III
- English IV

**FHS is moving U.S. History back to the 11<sup>th</sup> grade starting 2016-17.**

## One credit:

- Physical Education

## One credit:

- Fine Arts

## Two credits:

- LOTE - Spanish I  
- Spanish II

## Four credits:

- Biology
- IPC
- Chemistry
- Physics or Environmental Science or advanced sciences

## Three credits:

- World Geography
- World History
- U.S. History
- U.S. Government (one-half credit)
- Economics (one-half credit)

## Seven credits:

- Electives/ Endorsement specific courses  
(Note: Driver Ed/Health are joined)

## 26 Total Credits

**Many options depending on student's selected Program of Study**

# Typical Franklin High School Course Sequence

**This coursework allows a student to default to the Distinguished Level of Achievement with a Multidisciplinary Endorsement in the event a student abandons his/her current POS or cannot decide what career to pursue as he/she nears graduation.**

# What is a Program of Study?



## Biotechnology Research and Development

**Career Goal (O\*NET Code):** Biological Technician (19-4021), Medical Scientist (19-1042), Biostatistician (15-2041), Biochemist (19-1021).

**Cluster Overview:** The Health Science cluster focuses on careers in planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

Nationally recognized logos identify the Career Cluster for each model.

				EXTENDED LEARNING EXPERIENCES	
High School	9th	<b>Core Courses:</b> Bio I Algebra I Bio II		Health Science (HOSA)	<b>Extracurricular Experiences:</b> Academic Decathlon UIL National Youth Leadership Forum on Medicine Science Club Science Camps
	10th	<b>Core Courses:</b> Bio Ge Ch			
	11th	<b>Core Courses:</b> English III Algebra II Physics	United States History Communication Applications PE or Equivalent	<b>Career Learning Experiences:</b> Career Preparation (Paid/Unpaid) Job Shadowing Internship	<b>Service Learning Experiences:</b> Community Service Volunteer
	12th	<b>Core Courses:</b> English IV AP Statistics Scientific Research and Design	Government/Economics Fine Arts		
On-the-Job Training	Assay Analyst	NOTE: These experiences may be started and/or completed as part of the high school experience.		<b>Professional Associations:</b> Biotechnology Industry Organization American Society for Microbiology American Chemical Society American Statistical Association National Environmental Health Association Texas Environmental Health Association Association for Professionals in Infection Control and Epidemiology American Academy of Forensic Science National Academy of Sciences	
	OSHA CareerSafe	NOTE: Students may earn all or part of these certificates as part of the high school experience.			
Postsecondary	Associate's Degrees	Applied Science Biotechnology		<b>Career Options:</b> Biological Science Technician Chemical Technician Research Assistant	Forensic Science Technician Environmental Technician
	Bachelor's Degrees	Biology Biomedical Engineering Biotechnology	Chemistry Forensic Science Statistics	<b>Career Options:</b> Biomedical Engineer Biotechnologist Research Associate	Forensic Scientist Clinical Research Coordinator Environmental Technologist
	Graduate Degrees	Epidemiology Biological Science	Independent Research Forensic Science	<b>Career Options:</b> Epidemiologist Medical Scientist Biostatistician	Biochemist Forensic Scientist Research Scientist

\* May substitute for the required credit for Physical Education  
\*\* Substitute the required credit for Technology Applications  
\*\*\* May substitute for the required credit for Health Education

Students should take Advanced Placement (AP), International Baccalaureate (IB), dual credit, Advanced Technical Credit (ATC), or locally articulated courses, if possible.

This plan of study serves as a guide, along with other career planning materials, for pursuing a career path and is based on the most recent information as of 2007. All plans should meet high school graduation requirements as well as college entrance requirements. Students may select other elective courses for personal enrichment purposes.

# What is a Program of Study?

## Biotechnology Research and Development

		Career Goal (O*NET Code): Biologist (19-1041), Biotechnology Research and Development Worker (19-1042), Biostatistician (15-2051)		Cluster Description: This science cluster focuses on careers in planning, research, and providing therapeutic and development.
<b>SUGGESTED COURSEWORK</b>				
High School	9th	<b>Core Courses:</b>	English I Algebra I Biology	World Geograp Languages oth Health/PE or E
		<b>Career-Related Electives:</b>	Introduction to Health Science Technology AND)	
	10th	<b>Core Courses:</b>	English II Geometry Chemistry	World History Languages oth Technology Ag
		<b>Career-Related Electives:</b>	Health Science Technology I***	
11th	<b>Core Courses:</b>	English III Algebra II Physics	United States H Communicatio PE or Equival	
	<b>Career-Related Electives:</b>	Health Science Technology II* or Anatomy and Ph Precalculus or Languages other than English III		
12th	<b>Core Courses:</b>	English IV AP Statistics Scientific Research and Design	Government/E Fine Arts	
	<b>Career-Related Electives:</b>	Health Science Technology III* or Pathophysiology Introduction to Biotechnology or Independent Stud Research and Technical Writing or Languages oth		
	On-the-Job Training	Essay Analyst NOTE: These experiences may be started and/or completed as part of the high school exper		
	Certifications	OSHA CareerSafe NOTE: Students may earn all or part of these certifications as part of the high school exper		American Chemical Society American Statistical Association National Environmental Health Association Texas Environmental Health Association Association for Professionals in Infection Control and Epidemiology American Academy of Forensic Science National Academy of Sciences
Postsecondary	Associate's Degrees	Applied Science Biotechnology		<b>Career Options:</b> Biological Science Technician Chemical Technician Research Assistant Forensic Science Technician Environmental Technician
	Bachelor's Degrees	Biology Biomedical Engineering Biotechnology	Chemistry Forensic Science Statistics	<b>Career Options:</b> Biomedical Engineer Biotechnologist Research Associate Forensic Scientist Clinical Research Coordinator Environmental Technologist
	Graduate Degrees	Epidemiology Biological Science	Independent Research Forensic Science	<b>Career Options:</b> Epidemiologist Medical Scientist Biostatistician Biochemist Forensic Scientist Research Scientist

Program of Study names, established in the State's Career Cluster Initiative ([www.careerclusters.org](http://www.careerclusters.org)), head each model. They focus attention upon a specific career field within a cluster.

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 \*\*\* May substitute for the required credit for Health Education

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# What is a Program of Study?

Health Science		Biotechnology Research and Development	
<b>Career Goal (O*NET Code):</b> Biological Technician (19-4021), Medical Scientist (19-1042), Biostatistician (15-2041), Biochemist (19-1021).		<b>Cluster Overview:</b> The Health Science cluster focuses on careers in planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.	
SUGGESTED COURSEWORK		EXTENDED LEARNING EXPERIENCES	
High School	9th	<b>Core Courses:</b> English I Algebra I Biology  <b>Career-Related Electives:</b> Introduction	<b>Extracurricular Experiences:</b> Future Teachers of America (HTA) Academic Decathlon UIL National Youth Leadership Forum on Medicine Science Club Science Camps  <b>Service Learning Experiences:</b> Community Service Volunteer
	10th	<b>Core Courses:</b> English II Geometry Chemistry  <b>Career-Related Electives:</b> Health Science	
	11th	<b>Core Courses:</b> English III Algebra II Physics  <b>Career-Related Electives:</b> Health Science Pre-calculus	
	12th	<b>Core Courses:</b> English IV AP Statistics Scientific Research  <b>Career-Related Electives:</b> Health Science Introduction Research and	
Postsecondary	On-the-Job Training	Assay Analyst  NOTE: These experiences may be started and/or completed as part of the high school experience.	<b>Professional Associations:</b> Biotechnology Industry Organization American Society for Microbiology American Chemical Society American Statistical Association National Environmental Health Association Texas Environmental Health Association Association for Professionals in Infection Control and Epidemiology American Academy of Forensic Science National Academy of Sciences
	Certifications	OSHA CareerSafe  NOTE: Students may earn all or part of these certifications as part of the high school experience.	
	Associate's Degrees	Applied Science Biotechnology  Biology Biomedical Engineering Biotechnology  Epidemiology Biological Science	
Bachelor's Degrees	Chemistry Forensic Science Statistics  Independent Research Forensic Science	<b>Career Options:</b> Biological Science Technician Chemical Technician Research Assistant  Forensic Science Technician Environmental Technician  <b>Career Options:</b> Biomedical Engineer Biotechnologist Research Associate  Forensic Scientist Clinical Research Coordinator Environmental Technologist	
Graduate Degrees		<b>Career Options:</b> Epidemiologist Medical Scientist Biostatistician  Biochemist Forensic Scientist Research Scientist	

Program of Study Recommendation Statement that reminds a student this is an individual graduation plan.

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# What is a Program of Study?


		Biotechnology Research and Development		Cluster Overview: The Health Science cluster focuses on careers in planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.	
		Career Goal (O*NET Code): Biological Technician (19-4021), Medical Scientist (19-1042), Biostatistician (15-2041), Biochemist (19-1021).			
		SUGGESTED COURSEWORK		EXTENDED LEARNING EXPERIENCES	
High School	9th	<b>Core Courses:</b> English I Algebra I Biology	Health Science Technology I Languages other than English Health/PE or Equivalent	Career goals shown here correlate with occupational names and O*NET codes used by the Bureau of Labor Statistics (BLS). Use OSCAR ( <a href="http://www.ioscar.org">www.ioscar.org</a> ) to begin investigating those careers of interest. The "goal" of models is to target in-demand occupations.	American Society for Microbiology American Chemical Society American Statistical Association National Environmental Health Association Texas Environmental Health Association Association for Professionals in Infection Control and Epidemiology American Academy of Forensic Science National Academy of Sciences
		<b>Career-Related Electives:</b> Introduction to Health Science Technology AND Medical Technology Applications			
	10th	<b>Core Courses:</b> English II Geometry Chemistry	World History Languages other than English Technology Applications		
		<b>Career-Related Electives:</b> Health Science Technology I***			
	11th	<b>Core Courses:</b> English III Algebra II Physics	United States History Communication Applications PE or Equivalent		
		<b>Career-Related Electives:</b> Health Science Technology II* or Anatomy and Physiology Pre-calculus or Languages other than English III			
	12th	<b>Core Courses:</b> English IV AP Statistics Scientific Research and Design	Government/Economics Fine Arts		
		<b>Career-Related Electives:</b> Health Science Technology III* or Pathophysiology or Molecular Biology Introduction to Biotechnology or Independent Study or Calculus Research and Technical Writing or Languages other than English			
Postsecondary	On-the-Job Training	Assay Analyst NOTE: These experiences may be started and/or completed as part of the high school experience.			
	Certifications	OSHA CareerSafe NOTE: Students may earn all or part of these certifications as part of the high school experience.			
	Associate's Degrees	Applied Science Biotechnology	Chemistry Forensic Science Statistics	<b>Career Options:</b> Biological Science Technician Chemical Technician Research Assistant Forensic Science Technician Environmental Technician	
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 \*\*\* May substitute for the required credit for Health Education


Students should take Advanced Placement (AP), International Baccalaureate (IB), dual credit, Advanced Technical Credit (ATC), or locally articulated courses, if possible.

This plan of study serves as a guide, along with other career planning materials, for pursuing a career path and is based on the most recent information as of 2007. All plans should meet high school graduation requirements as well as college entrance requirements. Students may select other elective courses for personal enrichment purposes.

# What is a Program of Study?

Health Science		<b>Biotechnology Research and Development</b>	
		Career Goal (ONET Code): Biological Technician (29-9021)	Cluster Overview: The Health Science cluster focuses on careers in planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.
High School	9th	<p><b>Career Options</b> provide examples of contemporary job titles currently appearing in sources, such as WorkInTexas (<a href="https://wit.twc.state.tx.us">https://wit.twc.state.tx.us</a>). Jobs are correlated to the postsecondary education typically required for a career.</p>	
	10th		
	11th		
	12th		
	On-the-Job Training		
Postsecondary	Certificates	<p><b>EXTENDED LEARNING EXPERIENCES</b></p> <p><i>Particular Experiences:</i></p> <ul style="list-style-type: none"> <li>Occupational Students of America (HOSA)</li> <li>Research Program</li> <li>Research Program</li> </ul> <p><i>Extracurricular Experiences:</i></p> <ul style="list-style-type: none"> <li>Academic Decathlon</li> <li>UIL</li> <li>National Youth Leadership Forum on Medicine</li> <li>Science Club</li> <li>Science Camps</li> </ul> <p><i>Service Learning Experiences:</i></p> <ul style="list-style-type: none"> <li>Community Service Volunteer</li> </ul>	
	Associate's Degrees	Applied Science Biotechnology	<p><i>Career Options:</i></p> <ul style="list-style-type: none"> <li>Biological Science Technician</li> <li>Chemical Technician</li> <li>Research Assistant</li> <li>Forensic Science Technician</li> <li>Environmental Technician</li> </ul>
	Bachelor's Degrees Biology Biomedical Engineering Biotechnology	Chemistry Forensic Science Statistics	<p><i>Career Options:</i></p> <ul style="list-style-type: none"> <li>Biomedical Engineer</li> <li>Biotechnologist</li> <li>Research Associate</li> <li>Forensic Scientist</li> <li>Clinical Research Coordinator</li> <li>Environmental Technologist</li> </ul>
Graduate Degrees	Epidemiology Biological Science	Independent Research Forensic Science	<p><i>Career Options:</i></p> <ul style="list-style-type: none"> <li>Epidemiologist</li> <li>Medical Scientist</li> <li>Biostatistician</li> <li>Biochemist</li> <li>Forensic Scientist</li> <li>Research Scientist</li> </ul>
<p>* May substitute for the required credit for Physical Education</p> <p>** May substitute for the required credit for Technology Applications</p> <p>*** May substitute for the required credit for Health Education</p>		<p>Students should take Advanced Placement (AP), International Baccalaureate (IB), dual credit, Advanced Technical Credit (ATC), or locally articulated courses, if possible.</p>	<p>This plan of study serves as a guide, along with other career planning resources, in preparing a career path and is based on the most recent information as of 2007. Students should meet high school graduation requirements as well as any licensure requirements. Students should consult other elective courses for general education requirements.</p>

# What is a Program of Study?

 <b>Biotechnology Research and Development</b>		<i>Career Goal (O*NET Code):</i> Biological Technician (19-4021), Medical Scientist (29-1042), Biostatistician (15-2041), and Research Assistant (19-1021).		<i>Cluster</i> Services, etc.	
<b>SUGGESTED COURSEWORK</b>					
High School	9th	<i>Core Courses:</i>	English I Algebra I Biology	World Geography Languages other than English I Health/PE or Equivalent	<i>Curricular</i> Health Occupations STAR'S Recognition NASA Recognition
		<i>Career-Related Electives:</i>	Introduction to Health Science Technology AND Medical Terminology		
		<i>Core Courses:</i>	English II Geometry Chemistry	World History Languages other than English II Technology Applications	<i>Career</i> Career Planning Job Shadowing Internship
		<i>Career-Related Electives:</i>	Health Science Technology I***		
	<i>Core Courses:</i>	English III Algebra II Physics	United States History Communication Applications PE or Equivalent		
	<i>Career-Related Electives:</i>	Health Science Technology II* or Anatomy and Physiology of Human Systems or Precalculus or Languages other than English III			
12th	<i>Core Courses:</i>	English IV AP Statistics Scientific Research and Design	Government/Economics Fine Arts		
	<i>Career-Related Electives:</i>	Health Science Technology III* or Pathophysiology or Medical Microbiology or Introduction to Biotechnology or Independent Study or Calculus or Research and Technical Writing or Languages other than English IV			
On-the-Job Training	Assay Analyst	NOTE: These experiences may be started and/or completed as part of the high school experience.			
	OSHA CareerSafe	NOTE: Students may earn all or part of these certificates as part of the high school experience.			
Postsecondary	Associate's Degrees	Applied Science Biotechnology	<i>Career Options:</i> Biological Science Technician Chemical Technician Research Assistant Forensic Science Technician Environmental Technician		
	Bachelor's Degrees	Biology Biomedical Engineering Biotechnology	Chemistry Forensic Science Statistics	<i>Career Options:</i> Biomedical Engineer Biotechnologist Research Associate Forensic Scientist Clinical Research Coordinator Environmental Technologist	
	Graduate Degrees	Epidemiology Biological Science	Independent Research Forensic Science	<i>Career Options:</i> Epidemiologist Medical Scientist Biostatistician Biochemist Forensic Scientist Research Scientist	


High School Suggested Coursework highlights the Core Courses and Career-Related Electives recommended to prepare for a career goal. Courses are based on the Foundation High School Plan with Endorsements and can easily be adapted for the Distinguished Level. With a planned sequence of courses, it is easier to anticipate the consequence of changes in career or college choices.

\* May substitute for the required credit for Physical Education  
 \*\* Substitute the required credit for Technology Applications  
 \*\*\* May substitute for the required credit for Health Education

Students should take Advanced Placement (AP), International Baccalaureate (IB), dual credit, Advanced Technical Credit (ATC), or locally articulated courses, if possible.

This plan of study serves as a guide, along with other career planning materials, for pursuing a career path and is based on the most recent information as of 2007. All plans should meet high school graduation requirements as well as college entrance requirements. Students may select other elective courses for personal enrichment purposes.


# What is a Program of Study?

 <b>Biotechnology Research and Development</b>		<b>Career Goal (O*NET Code):</b> Biological Technician (19-4021), Medical Scientist (19-1042), Biostatistician (15-2041), Biochemist (19-1021).		<b>Cluster Overview:</b> The Health Science cluster focuses on careers in planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.	
<b>SUGGESTED COURSEWORK</b>				<b>EXTENDED LEARNING EXPERIENCES</b>	
<b>High School</b>	9th	<b>Core Courses:</b> English I Algebra I Biology	World Geography Languages other than English I Health/PE or Equivalent	<b>Curricular Experiences:</b>	<b>Extracurricular Experiences:</b>
		<b>Career-Related Electives:</b>	Introduction to Health Science Technology AND Medical Terminology		
	10th	<b>Core Courses:</b> English II Geometry Chemistry	World History Languages other than English II Technology Applications		
		<b>Career-Related Electives:</b>	Health Science Technology I***		
	11th	<b>Core Courses:</b> English III Algebra II Physics	United States History Communication Applications PE or Equivalent		
		<b>Career-Related Electives:</b>	Health Science Technology II* or Anatomy and Physiology of Human Systems or Precalculus or Languages other than English III		
	12th	<b>Core Courses:</b> English IV AP Statistics Scientific Research and Design	Government/Economics Fine Arts		
		<b>Career-Related Electives:</b>	Health Science Technology III* or Pathophysiology or Medical Microbiology or Introduction to Biotechnology or Independent Study or Calculus or Research and Technical Writing or Languages other than English IV		
<b>Postsecondary</b>	<b>On-the-Job Training</b>	Assay Analyst NOTE: These experiences may be started and/or completed as part of the high school experience.			
	<b>Certifications</b>	OSHA CareerSafe NOTE: Students may earn all or part of these certifications as part of the high school experience.			American Statistical Association National Environmental Health Association Texas Environmental Health Association Association for Professionals in Infection Control and Epidemiology American Academy of Forensic Science National Academy of Sciences
	<b>Advanced Degrees</b>	Applied Science Biotechnology		<b>Career Options:</b> Biological Science Technician Chemical Technician Research Assistant	Forensic Science Technician Environmental Technician
	<b>Bachelor's Degrees</b>	Biology Biomedical Engineering Biotechnology	Chemistry Forensic Science Statistics	<b>Career Options:</b> Biomedical Engineer Biotechnologist Research Associate	Forensic Scientist Clinical Research Coordinator Environmental Technologist
	<b>Graduate Degrees</b>	Epidemiology Biological Science	Independent Research Forensic Science	<b>Career Options:</b> Epidemiologist Medical Scientist Biostatistician	Biochemist Forensic Scientist Research Scientist

Certificates shown on the models are associated with specific courses. Use the Certification Finder at Career InfoNet ([www.acinet.org/acinet](http://www.acinet.org/acinet)) to investigate post-secondary certifications.

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 \*\* Substitute the required credit for Technology Applications  
 \*\*\* May substitute for the required credit for Health Education  
 Students should take Advanced Placement (AP), International Baccalaureate (IB), dual credit, Advanced Technical Credit (ATC), or locally articulated courses, if possible.  
 This plan of study serves as a guide, along with other career planning materials, for pursuing a career path and is based on the most recent information as of 2007. All plans should meet high school graduation requirements as well as college entrance requirements. Students may select other elective courses for personal enrichment purposes.

# What is a Program of Study?

 <b>Biotechnology Research and Development</b>		<i>Career Goal (O*NET Code):</i> Biological Technician (19-4021), Medical Scientist (19-1042), Biostatistician (15-2041), Biochemist (19-1021).		<i>Cluster Overview:</i> The Health Science cluster focuses on careers in planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.	
SUGGESTED COURSEWORK				EXTENDED LEARNING EXPERIENCES	
High School	9th	<b>Core Courses:</b> English I Algebra I Biology	World Geography Languages other than English I Health/PE or Equivalent	<b>Curricular Experiences:</b> Health Occupations Students of America (HOSA) STARS Research Program NASA Research Program	<b>Extracurricular Experiences:</b> Academic Decathlon UIL National Youth Leadership Forum on Medicine
		<b>Career-Related Electives:</b> Introduction to Health Science Technology AND Medical Terminology			
	10th	<b>Core Courses:</b> English II Geometry Chemistry	World History Languages other than English II Technology Applications		
		<b>Career-Related Electives:</b> Health Science Technology I***			
	11th	<b>Core Courses:</b> English III Algebra II Physics	United States History Communication Applications PE or Equivalent		
		<b>Career-Related Electives:</b> Health Science Technology II* or Anatomy and Physiology of Human System Precalculus or Languages other than English III			
	12th	<b>Core Courses:</b> English IV AP Statistics Scientific Research and Design	Government/Economics Fine Arts		
		<b>Career-Related Electives:</b> Health Science Technology III* or Pathophysiology or Medical Microbiology or Introduction to Biotechnology or Independent Study or Calculus or Research and Technical Writing or Languages other than English IV			
Postsecondary	On-the-Job Training	Assay Analyst  NOTE: These experiences may be started earlier than the 12th grade high school experience.			<b>Professional Associations:</b> Biotechnology Industry Organization American Society for Microbiology American Chemical Society American Statistical Association National Environmental Health Association Texas Environmental Health Association Association for Professionals in Infection Control and Epidemiology American Academy of Forensic Science National Academy of Sciences
	Certifications	OSHA Certificate  NOTE: Students may earn all or part of these certificates as part of the high school experience.			
	Advanced Degrees	Applied Science Biotechnology		<b>Career Options:</b> Biological Science Technician Chemical Technician Research Assistant Forensic Science Technician Environmental Technician	
	Master's Degrees	Biology Biomedical Engineering Biotechnology	Chemistry Forensic Science Statistics	<b>Career Options:</b> Biomedical Engineer Biotechnologist Research Associate Forensic Scientist Clinical Research Coordinator Environmental Technologist	
	Graduate Degrees	Epidemiology Biological Science	Independent Research Forensic Science	<b>Career Options:</b> Epidemiologist Medical Scientist Biostatistician Biochemist Forensic Scientist Research Scientist	

Example Postsecondary program names are identified from the Associates level through Graduate Degrees.

\* May substitute for the required credit for Physical Education  
 \*\* Substitute the required credit for Technology Applications  
 \*\*\* May substitute for the required credit for Health Education

Students should take Advanced Placement (AP), International Baccalaureate (IB), dual credit, Advanced Technical Credit (ATC), or locally articulated courses, if possible.

This plan of study serves as a guide, along with other career planning materials, for pursuing a career path and is based on the most recent information as of 2007. All plans should meet high school graduation requirements as well as college entrance requirements. Students may select other elective courses for personal enrichment purposes.

# What is a Program of Study?

Extended Learning Experiences include Work-Based Learning, Curricular, and Extracurricular activities. Participation in and support of Career and Technical Student Organizations (i.e. FCCLA, FFA, etc.) is especially important to AchieveTexas. While campuses might modify their list of Extracurricular and Service Learning Experiences, examples should always cohesively extend meaningful learning in settings suitable and safe for students.

## and Development

*Cluster Overview:* The Health Science Cluster focuses on careers in patient management, and providing therapeutic services, diagnostic services, health information, support services, and biotechnology research and development.

### EXTENDED LEARNING EXPERIENCES

*Curricular Experiences:*

Health Occupations Students of America (HOSA)  
 STARS Research Program  
 ASA Research Program

*Career Learning Experiences:*

Career Preparation (Paid/Unpaid)  
 Job Shadowing  
 Internship

*Extracurricular Experiences:*

Academic Decathlon  
 UIL  
 National Youth Leadership Forum on Medicine  
 Science Club  
 Science Camps

*Service Learning Experiences:*

Community Service Volunteer

*Professional Associations:*

Students could record volunteer service in their portfolios, or participate in programs where school groups may record their service hours.

*Career Options:*

Epidemiologist                      Biochemist  
 Medical Scientist                  Forensic Scientist  
 Biostatistician                      Research Scientist

Postsecondary	Bachelor's Degree	Biomedical Engineering Biotechnology	Forensic Science Statistics
	Graduate Degree	Epidemiology Biological Science	Independent Research Forensic Science

\* May substitute for the required credit for Physical Education  
 \*\* Satisfies the required credit for Technology Applications  
 \*\*\* May substitute for the required credit for Health Education

Students should take Advanced Placement (AP), International Baccalaureate (IB), dual credit, Advanced Technical Credit (ATC), or locally articulated courses, if possible.

This plan of study serves as a guide, along with other career planning materials, for pursuing a career path and is based on the most recent information as of 2007. All plans should meet high school graduation requirements as well as college entrance requirements. Students may select other elective courses for personal enrichment purposes.

# What is a Program of Study?

## Biotechnology Research and Development

## Endorsement

The endorsement indicates the college or career area the Program of Study supports. All Programs of Study will fall under one of five Endorsement graduation plans for Texas high school students:

Business & Industry

Arts & Humanities

STEM (Science, Technology, Engineering, and Math)

Public Service

Multidisciplinary

science cluster focuses on careers in planning, managing, and marketing diagnostic information, support services, and biotechnology research and development.

### EXTENDED LEARNING EXPERIENCES

ia (HOSA)

#### Extracurricular Experiences:

Academic Decathlon  
 UIL  
 National Youth Leadership Forum on Medicine  
 Science Club  
 Science Camps

#### Service Learning Experiences:

Community Service Volunteer

#### Professional Associations:

Biotechnology Industry Organization  
 American Society for Microbiology  
 American Chemical Society  
 American Statistical Association  
 National Environmental Health Association  
 Texas Environmental Health Association  
 Association for Professionals in Infection Control and Epidemiology  
 American Academy of Forensic Science  
 National Academy of Sciences

ic Science Technician  
 nental Technician

ic Scientist  
 al Research Coordinator  
 nental Technologist

#### Career Options:

Epidemiologist  
 Medical Scientist  
 Biostatistician  
 Biochemist  
 Forensic Scientist  
 Research Scientist

\* May substitute for the required credit for Physical Education

\*\* Satisfies the required credit for Technology Applications

\*\*\* May substitute for the required credit for Health Education

Students should take Advanced Placement (AP), International Baccalaureate (IB), dual credit, Advanced Technical Credit (ATC), or locally articulated courses, if possible.

This plan of study serves as a guide, along with other career planning materials, for pursuing a career path and is based on the most recent information as of 2007.

All plans should meet high school graduation requirements as well as college entrance requirements.

Students may select other elective courses for personal enrichment purposes.

# What is a Personal Graduation Plan?

Personal Graduation Plan									
Foundation Coursework		Endorsement Coursework		Distinguished Coursework		STAAR/EOC Assessments		Personal Assessment Results	
4 English (English 1-3 & 1 Adv) 3 Math (Alg 1, Geo, & 1 Adv) 3 Science (Bio, IPC or Adv, & 1 Adv) 3 SS (US H, Ec/Govt, & W G or W H) 2 LOTE 1 FA 1 PE 5 Electives (22 credits)		4 English (English 1-3 & 1 Adv) 4 Math (Alg 1, Geo, & 2 Adv) 4 Science (Bio, IPC or Adv, & 2 Adv) 3 SS (US H, Ec/Govt, & W G or W H) 2 LOTE 1 FA 1 PE 7 Electives (26 credits)		* Endorsement/s * 1 Science * Algebra 2 Industry Recognized Credential or Certification		English 1 English 2 Algebra 1 Biology US History GPA <input type="text"/> Rank <input type="text"/>		Interest: <input type="text"/> Ability: <input type="text"/> Work Ethic: <input type="text"/>	
Graduation Plan								Diagnostic Information	
	9th Grade	credit	10th Grade	credit	11th Grade	credit	12th Grade	credit	Dyslexia
English									LEP
Math									Migrant
Science									G/T
Social Studies									Special Education
Foreign Language									Other: _____
Fine Arts									Other: _____
Physical Education									Retained: _____
Electives									
Electives									
Electives									
Electives									
Electives									
Credits from JrH									
total credits		0		0		0		0	
Intensive Program of Study				Monitoring Process				College Readiness Results	
Acceleration/Remediation:		Activity		Year		Course Grades		Eng 3	
						Benchmark Scores		Alg 2	
						Assessment Scores		PSAT	
						Teacher Input		PLAN	
						Parent Input		SAT	
						Attendance		ACT	
						Other:		TSI	
Parent's educational expectation for the student:				The importance of a High School graduation plan that includes one or more endorsements and the distinguished level of achievement and the importance of Post Secondary Education, automatic college admission and eligibility for financial aid have been explained to me:				Student Signature _____ Date _____ Parent Signature _____ Date _____ Counselor Signature _____ Date _____	



# What is a Personal Graduation Plan?

**Personal Graduation Plan**

Foundation Coursework	Endorsement Coursework	Distinguished Coursework	STAAR/EOC Assessments	Personal Assessment Results														
4 English (English 1-3 & 1 Adv) 3 Math (Alg 1, Geo, & 1 Adv) 3 Science (Bio, IPC or Adv, & 1 Adv) 3 SS (US H, Ec/Govt, & W G or W H) 2 LOTE 1 FA 1 PE 5 Electives (25 credits)	4 English (English 1-3 & 1 Adv) 4 Math (Alg 1, Geo, & 2 Adv) 4 Science (Bio, IPC or Adv, & 2 Adv) 3 SS (US H, Ec/Govt, & W G or W H) 2 LOTE 1 FA 1 PE 7 Electives (25 credits)	* Endorsement/s: * 1 Science * Algebra 2 Industry Recognized Credential or Certification	English 1 English 2 Algebra 1 Biology US History GPA <input type="text"/> Rank <input type="text"/>	Interest: <input type="text"/> Ability: <input type="text"/> Work Ethic: <input type="text"/>														
Graduation Plan				Diagnostic Information														
Subject	10th Grade	11th Grade	12th Grade	Dyslexia														
English																		
Math																		
Science																		
Social Studies																		
Foreign Language																		
Fine Arts																		
Physical Education																		
Electives																		
Electives																		
Electives																		
Electives																		
Electives																		
Credits from JrH																		
total credits	0	0	0	TSI														
Intensive Program of Study		Monitoring Process		The importance of a High School graduation plan that includes one or more endorsements and the distinguished level of achievement and the importance of Post Secondary Education, automatic college admission and eligibility for financial aid have been explained to me:														
<b>Acceleration/Remediation:</b> <table border="1"> <thead> <tr> <th>Activity</th> <th>Year</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>		Activity	Year													Course Grades <input type="text"/> Benchmark Scores <input type="text"/> Assessment Scores <input type="text"/> Teacher Input <input type="text"/> Parent Input <input type="text"/> Attendance <input type="text"/> Other: <input type="text"/>		Student Signature _____ Date _____ Parent Signature _____ Date _____ Counselor Signature _____ Date _____
Activity	Year																	
Parent's educational expectation for the student: _____																		

Quick-look reminder of coursework needed for the Foundation Plan , Endorsement Plan , and Distinguished Level of Achievement.

# What is a Personal Graduation Plan?

Areas to record students progress, diagnostic information, and performance over the high school years.

The form is titled "Graduation Plan" and is divided into several sections:

- Foundation Coursework:** Lists required credits: 4 English (English 1-3 & 1 Adv), 3 Math (Alg 1, Geo, & 1 Adv), 3 Science (Bio, IPC or Adv, & 1), 3 SS (US H, Ec/Govt, & W G or), 2 LOTE, 1 FA, 1 PE, and 5 Electives (22 credits).
- Endorsement/s:** Includes Science and Algebra 2.
- Industry Recognized Credit/Alternative Graduation:** A section for non-traditional credits.
- Personal Assessment Results:** Contains fields for English 1, English 2, Algebra 1, Biology, and US History, along with GPA and Rank boxes. It also includes Interest, Ability, and Work Ethic sections.
- Diagnostic Information:** A grid for tracking performance in English, Math, Science, Social Studies, Foreign Language, Fine Arts, Physical Education, and Electives across 11th and 12th grades. It also includes fields for Dyslexia, IEP, Migrant, G/T, Special Education, and Retained status.
- College Readiness Results:** Fields for Eng 3, Alg 2, PSAT, PLAN, SAT, ACT, and TSI.
- Monitoring Process:** A table for tracking Acceleration/Remediation with columns for Activity and Year, and a list of metrics: Course Grades, Benchmark Scores, Assessment Scores, Teacher Input, Parent Input, Attendance, and Other.
- Signatures:** Lines for Student Signature, Parent Signature, and Counselor Signature, each with a corresponding Date field.
- Parent's educational expectations for the student:** A text area at the bottom left.

At the bottom right, the text "Fall 2014 REGION 13" is visible.

## Personal Graduation Plan

Foundation Coursework	Endorsement Coursework	Distinguished Coursework	STAAR/EOC Assessments	Personal Assessment Results
4 English (English 1-3 & 1 Adv) 3 Math (Alg 1, Geo, & 1 Adv) 3 Science (Bio, IPC or Adv, & 1 Adv) 3 SS (US H, Ec/Govt, & W G or W H) 2 LOTE 1 FA 1 PE 5 Electives (22 credits)	4 English (English 1-3 & 1 Adv) 4 Math (Alg 1, Geo, & 2 Adv) 4 Science (Bio, IPC or Adv, & 2 Adv) 3 SS (US H, Ec/Govt, & W G or W H) 2 LOTE 1 FA 1 PE 7 Electives (26 credits)	* Endorsement/s: * 1 Science * Algebra 2 Industry Recognized Credential or Certification	English 1 <input type="text"/> English 2 <input type="text"/> Algebra 1 <input type="text"/> Biology <input type="text"/> US History <input type="text"/> GPA <input type="text"/> Rank <input type="text"/>	Interest: <input type="text"/> Ability: <input type="text"/> Work Ethic: <input type="text"/>

Graduation Plan									Diagnostic Information	
	9th Grade	credit	10th Grade	credit	11th Grade	credit	12th Grade	credit	Dyslexia	
English										
Math										
Science										
Social Studies										
Foreign Language										
Fine Arts										
Physical Education										
Electives										
Electives										
Electives										
Electives										
Electives										
Credits from JrH										
total credits		0		0				0		

Intensive Program of Study	Monitoring Process
Accelerated	The importance of a High School graduation plan that includes one or more endorsements and the distinguished level of achievement and the importance of Post Secondary Education.
Parent's ed	

4-Year Course Planner; Each year the counselor, parent, and student will update the courses the student wants and/or needs to take.

# What is a Personal Graduation Plan?

Personal Graduation Plan																																									
Foundation Coursework			Endorsement Coursework			Distinguished Coursework			STAAR/EOC Assessments		Personal Assessment Results																														
4 English (English 1-3 & 1 Adv) 3 Math (Alg 1, Geo, & 1 Adv) 3 Science (Bio, IPC or Adv, & 1 Adv) 3 SS (US H, Ec/Govt, & W G or W H) 2 LOTE 1 FA 1 PE 5 Electives (22 credits)			4 English (English 1-3 & 1 Adv) 4 Math (Alg 1, Geo, & 2 Adv) 4 Science (Bio, IPC or Adv, & 2 Adv) 3 SS (US H, Ec/Govt, & W G or W H) 2 LOTE 1 FA 1 PE 7 Electives (26 credits)			* Endorsement/s: * 1 Science * Algebra 2  Industry Recognized Credential or Certification			English 1 <input type="checkbox"/> English 2 <input type="checkbox"/> Algebra 1 <input type="checkbox"/> Biology <input type="checkbox"/> US History <input type="checkbox"/>  GPA <input type="text"/> Rank <input type="text"/>		Interest: <input type="text"/> Ability: <input type="text"/> Work Ethic: <input type="text"/>																														
Graduation Plan										Diagnostic Information																															
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	credit																																								
English																																									
Math																																									
Science																																									
Social Studies																																									
Foreign Language																																									
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Intensive Program of Study										College Readiness Results																															
Acceleration/Remediation:										Eng 3 <input type="checkbox"/> Alg 2 <input type="checkbox"/> PSAT <input type="checkbox"/> PLAN <input type="checkbox"/> SAT <input type="checkbox"/> ACT <input type="checkbox"/> CSI <input type="checkbox"/>																															
Activity			Year			Monitoring Process			The significance of a High School graduation plan that includes one or more endorsements and a distinguished level of achievement and the importance of Post Secondary Education has been explained to me.																																
						Course Grades <input type="checkbox"/> Benchmark Scores <input type="checkbox"/> Assessment Scores <input type="checkbox"/> Teacher Input <input type="checkbox"/> Parent Input <input type="checkbox"/> Attendance <input type="checkbox"/> Other: <input type="checkbox"/>			Student Signature _____ Date _____ Parent Signature _____ Date _____ Counselor Signature _____ Date _____																																
Parent's educational expectation for the student: _____																																									

Student, parent, and counselor sign off on the student coursework each year. Also, insures the importance of an endorsement and distinguished levels of achievement are emphasized.

Student Signature \_\_\_\_\_ Date \_\_\_\_\_  
Parent Signature \_\_\_\_\_ Date \_\_\_\_\_  
Counselor Signature \_\_\_\_\_ Date \_\_\_\_\_

# As a parent, what do I need to do?

## Suggestions:

- Talk to your child about his/her future goals.
- Explore all of the possibilities that are available for college and careers.
- Choose a program of study or endorsement that best matches your child's career interests.
- Study the Personal Graduation Plan and discuss with the counselor any changes needed over the four high school years.

**Note:** The Texas Legislature meets every other year. It is possible that current education laws and requirements may be amended, extended, and/or abolished before your child graduates.



# Questions

