



Marble Falls ISD Graduation Pathway Suggestion Sheet



This Pathway Suggestion Sheet should be used with Course Catalog & Counselor Meetings (for course descriptions, prerequisites, and other information.)

Unless Stated Specifically, Endorsement Pathways Requirements are In Addition to Foundation Plan Requirements

Professional Communications and C3 are Required of all Students and Support Each Endorsement Pathway.

BIM and Dollars & Sense (.5 Credit) Support Many Pathways. All courses in **RED** Throughout this Guide are Considered Advanced CTE Courses.

Arts & Humanities Endorsement

Fine Arts Pathway Options (4 coherent credits from one or two Disciplines)

Fine Arts Pathway: Art

Art I	8-12
Art II Drawing, Art II Ceramics	9-12
Art III Drawing, Art III Ceramics	10-12
Art IV Drawing, Art IV Ceramics	11-12
AP Studio Art	11-12

Fine Arts Pathway: Music

Music Band I - IV	9-12
AP Music Theory	10-12
Jazz Band I - IV	9-12

Fine Arts Pathway: Choir Discipline

Show Choir I & II	9-10
Acappella Choir I - IV	9-12
Chorale I - III	10-12
Chamber Singers I - II	11-12

Fine Arts Pathway: Dance/Drill Team Discipline

Dance I - IV	9-12
Drill Team I - IV	9-12

Fine Arts Pathway: Theatre Discipline

Theatre Arts I-IV	9-12
Theatre Production I-III	10-12
Technical Theatre I - IV	10-12

Humanities Pathway Options

LOTE Pathway (4 credits)

Spanish I - V (Pre-AP & AP)	8-12
ASL I - II	9-12

Social Studies Pathway (5 credits)

AP Human Geo. or World Geo.	9
World History (AP)	10
US History (AP or DC)	11
Psychology DC <u>and</u> Sociology	11-12
Government/Econ. (AP or DC)	12

Public Services Endorsement

Human Services Pathway (4 credits)

Principles of Human Services	9-11
Child Development	10-12
Child Guidance I (2 credits)	11-12
Child Guidance II (2 credits)	12

Possible Cert: Early Childhood Education

Health Science Pathway (4 credits)

Principles of Health Science	9-10
Health Science Theory	10-12
Anatomy & Physiology	11-12
Child Development	10-12
Practicum in Hlth Sci. (CNA) (2 Credits)	11-12
Practicum in Hlth Sci. (EMT) (2 Credits)	12
Practicum in Hlth Sci. (Pharmacology)	12

Health Science Pathway (continued)

Medical Microbiology	10-12
Pathophysiology	10-12

Possible Cert: CNA

Possible Cert: EMT

Possible Cert: Pharmacy Technician

Multidisciplinary Endorsement

4x4 Pathway (16 credits)

Total Credits Required for Graduation Must Include
4 credits from each of the 4 core areas
Including English IV; Chemistry and/or Physics
Other Math, Science, Social Studies options flexible

AP/Dual Credit Pathway (4 credits)

Any AP/Dual Credit courses from English, Math, Science
Social Studies, LOTE, or Fine Arts

College & Career Pathway (4 courses)

Any combination of **Advanced CTE** courses and/or AP or
Dual Credit courses from any Endorsement

Business & Industry Endorsement

Ag Science Pathway: Animal Science (4 credits)			Construction Pathway (4 credits)			Business Pathway: Finance (4 credits)		
Principles of Ag, Food & Nat. Res.	8-12		Principles of Construction	9-12		Bus. Info. Management	9-12	
Equine (.5) / Small Animal (.5)	9-12		Ag Structures Design & Fabrication	10-12		Dollars and Cents (.5)	10-12	
Livestock Production	9-12		Constructional Tech I (2 credits)	11-12		Entrepreneurship	10-12	
Veterinarian Technology	10-12		Practicum in Construction Tech (2 credits)	12		Accounting I	11-12	
Advanced Animal Science (Sci credit)	11-12		<i>Possible Cert: OSHA</i>			Statistics & Business Decision Making	11-12	
Pract. in Ag: Animal Science (2 credits)	11-12		Arts & A / V Pathway: Film & Media (4 credits)			Practicum in Business Mgmt (2 credits)	11-12	
<i>Possible cert: TVMA Level 1 & 2</i>			Principles of Arts, A / V & Comm.	9-12		<i>Possible Cert: Microsoft Office Word, Excel, Quick Books</i>		
Ag Science Pathway: Horticulture (4 credits)			A / V Production I	10-12		Business Pathway: Management & Marketing (4 credits)		
Principles of Ag, Food & Nat. Res.	8-12		A / V Production II + Lab (2 credits)	11-12		Bus. Info. Management	9-12	
Horticulture Science	9-12		Practicum in A / V Production (2 credits)	12		Business Management	10-12	
Greenhouse Operations & Production	10-12		<i>Possible Cert: Final Cut Pro</i>			Entrepreneurship (1 credit)	10-12	
Adv.Plant & Soil Science (Sci credit)	11-12		Arts & A / V Pathway: Graphic Design (4 credits)			Practicum in Business Mgmt (2 credits)	11-12	
Floral Design (Fine Arts Credit)	9-12		Principles of Arts, A / V & Comm.	9-12		Information Technology		
<i>Possible Cert: TX Nursery Professional, TX HS Floral</i>			Graphic Design & Illustration I	10-12		Principles of Information Technology	9-12	
Ag Science Pathway: Metal Fabrication (4 credits)			Graphic Design & Illustration II	11-12		Computer Maintenance	10-12	
Principles of Ag, Food & Nat. Res.	8-12		Pract.in Printing & Img.Tech (2 credits)	11-12		Computer Programming I	11-12	
Ag Mechanics & Metal Technology	9-12		<i>Possible Cert: Adobe Photoshop & Illustrator</i>					
Ag Structures Design & Fabrication	10-12		Hospitality & Tourism Pathway (4 credits)			Networking	10-12	
Ag Power Systems (2 credits)	11-12		Principles of Hospitality & Tourism	9-12		AP Computer Science A		
Practicum in Ag: Mechanics (2 credits)	11-12		Travel & Tourism Management	10-12				
<i>Possible Cert: AWS Basic Welding I, OSHA</i>			Hotel Management	10-12		Computer Technician Lab (2 credits)	11-12	
Ag Science Pathway: General Studies (4 credits)						Computer Programming II (1 credit)	11-12	
Principles of Ag, Food & Nat. Res.	8-12		Hospitality Services (2 credits)	11-12		<i>Possible Cert: CompTia A+, CCENT</i>		
(Any adv plant/animal/mech class)	9-12		Practicum in Hospitality (2 credits)	11-12		<i>Microsoft Office (Word, Excel, PowerPoint, Access)</i>		
(Any adv plant/animal/mech class)	9-12		<i>Possible Cert: Certified Guest Service Professional</i>			English Elective Pathway: Communications (4 credits)		
(Any adv plant/animal/mech class)	9-12					Debate I-III + Ind. Stud. In Speech	9-12	
Ag Leadership/PBR (CDE/LDE/SAE)	9-12							

STEM Endorsement

Students must complete Algebra II, Chemistry and Physics for this Endorsement.

Engineering Pathway			Math Pathway (Foundation Requirements + 3 credits)			Science Pathway (Foundation Requirements + 4 credits)		
Principles of Applied Engineering	9-12		Algebra II + any two of the following			Chemistry		
Engineering Design & Presentation	10-12		Precalculus			Physics		
Eng. Design & Presentation : Aerospace	10-12		AP Calculus AB			Advanced Animal Science		
Robotics	11-12		AP Statistics			Environmental Systems (AP)		
Engineering Design & Problem Solving	11-12		Stats and Business Decision Making			Advanced Plant & Soil Science		
STEM Practicum (2 credits)	12					Pathophysiology		
<i>Possible Cert: FANUC Robotics Controller, AutoCAD</i>						Microbiology		
						Anatomy & Physiology		
						Forensic Science		