

STEM High School Course Selection Sheet

Name: _____

Grade Level: _____

Student ID: _____

ENGLISH	Credit	Term	Grade	Course #
Honors English Language Arts 9	1	AY	9	1960
Honors English Language Arts 10	1	AY	10	2010
Honors English Language Arts 11	1	AY	11	2020
Honors English Language Arts 12	1	AY	12	2120
MATH	Credit	Term	Grade	Course #
Honors Algebra 1	1	AY	9	422H
Honors Geometry	1	AY	9-11	4360
Honors Algebra II/Trig	1	AY	10-12	4370
SCIENCE	Credit	Term	Grade	Course #
Honors Physical Science	1	AY	9-10	5770
Honors Biology	1	AY	9-10	5630
SOCIAL STUDIES	Credit	Term	Grade	Course #
World History Honors	1	AY	9	6140
US History Honors	1	AY	10	6010
Honors American Government	1	AY	11	616Y
PHYSICAL ED/HEALTH	Credit	Term	Grade	Course #
Health	0.5	SEM	9-12	3490
Physical Education (I or II)	0.25	SEM	9-12	3400/3430
Physical Ed Waiver (Athletes/Band)	0	N/A	9-12	

ADDITIONAL COURSES	Credit	Term	Grade	Course #



For full course descriptions visit: www.akronschools.com/courses

ELECTIVES	Credit	Term	Grade	Course #
ENGLISH ELECTIVES				
Advanced Speech	1	AY	11/12	2060
MATH ELECTIVES				
Introductory Analysis	1	AY	11-12	4440
Pre-Calculus	1	AY	11-12	4560
Calculus	1	AY	11-12	4400
Applied Statistics	1	AY	11-12	4100
Financial Decision Making in Mathematics*	1	AY	12	4230
AP Calculus	1	AY	11-12	4470
* Not NCAA Approved Course				
SCIENCE ELECTIVES				
Astronomy	0.5	SEM	11-12	5960
Earth Systems	1	AY	11-12	5910
Chemistry	1	AY	10-12	5750
AP Chemistry	1	AY	11-12	5780
Environmental Science	1	AY	11-12	5950
Physics	1	AY	10-12	5870
AP Physics	1	AY	11-12	5900
Psychology	0.5	SEM	11-12	652S
Women's Studies	0.5	SEM	11-12	6190
Human Biology	1	AY	11-12	564S
Issues in Science	1	AY	11-13	592S
Microbiology	0.5	SEM	10-12	5700
AP Biology	1	AY	11-12	5840
AP Environmental Science	1	AY	11-12	5650
SOCIAL STUDIES ELECTIVES				
Street Law	1	SEM	11-12	6080
African American Studies	1	SEM	11-12	6340
AP Human Geography	1	AY	11-12	6110
Psychology	0.5	SEM	11-12	652S
Women's Studies	0.5	SEM	11-12	6190
WORLD LANGUAGES				
Chinese 1	1	AY	9-12	2890
Chinese 2	1	AY	9-12	2900
Chinese 3	1	AY	10-12	2910
ART				
Draw and Design I	0.5	SEM	9-12	1010
Drawing and Design II	0.5	SEM	9-12	1040
Painting I	0.5	SEM	10-12	1050
Art Appreciation	0.5	SEM	9-12	1090
Printmaking	0.5	SEM	10-12	1070
Sculpture I	0.5	SEM	10-12	1080
MUSIC / INSTRUMENTAL				
Band A	1	AY	9-12	5150
Orchestra A	1	AY	9-12	5130
Jazz Band	1	AY	9-12	5250
CAREER SKILLS				
Advisory I	0.25	AY	9	C192
Advisory II	0.25	AY	10	C193
Advisory III	0.25	AY	11	C188
Advisory IV	0.25	AY	12	C189
Entrepreneurial Studies	0.5	SEM	11-12	C444
Internship	0.5	SEM	12	6390
STEM/Engineering Capstone (req)	1	AY	12	C164
READY FOR SUCCESS COURSES				
ACT Prep				x100
Credit Recovery				xtr445
Physical Science				
Biology (state test)				
Any One Credit Science Course				

COLLEGE & CAREER ACADEMY COURSES				
PATHWAY EXPLORATION	Credit	Term	Grade	Course #
Freshman Seminar	1	AY	9	FS9
Academy of Advanced Technology and Design				
BIOTECHNOLOGY PATHWAY	Credit		Grade	
Health Science Tech	1	AY	9	J065
Medical Terminology	1	AY	10	J066
TBD	1	AY	11	TBD
TBD	1	AY	12	TBD
PLTW Env. Eng. Pathway	Credit		Grade	
Engineering Design	1	AY	9	F664
Engineering Principles	1	AY	10	F665
Environmental Sustainability	1	AY	11	F673
Engineer Research & Solutions	1	AY	12	F671
PLTW Soft. Eng. & Robotics Pathway	Credit		Grade	
Engineering Design	1	AY	9	F664
Computer Hardware	1	AY	12	F674
Software Engineering	1	AY	11	F668
Robotics	1	AY	10	F662

GRADUATION REQUIREMENTS		
English (4 Credits)		Health (.5 Credit)
English 9 (state test)		Physical Education (.25 Credit)
English 10 (state test)		Physical Education (.25 Credit)
English 11		Electives (7 Credits)
English 12		
Mathematics (4 Credits)		
Algebra I (state test)		
Geometry (state test)		
Algebra II		
Any Additional Math Course		
Science (3 Credits)		
Physical Science		
Biology (state test)		
Any One Credit Science Course		
Social Studies (3 Credits)		
World History		Other Requirements
American History (state test)		Fine Arts or Career Tech
Amerian Government (state test)		

OHIO HIGH SCHOOL HONORS DIPLOMA	
<input type="checkbox"/>	Ohio Diploma
<input type="checkbox"/>	Academic Honors Diploma
<input type="checkbox"/>	STEM Honors Diploms
<input type="checkbox"/>	Career Tech Honors Diploma
<input type="checkbox"/>	Arts Honors Diploma
<input type="checkbox"/>	Social Science & Civic Engagement Honors Diploma



PARENT & STUDENT SIGNATURE	
We have reviewed the classes selected and are in agreement with the choices. We understand that the selection of classes above will be scheduled unless unavailable/conflicted and that schedule changes may be considered in order to meet graduation requirements.	
Parent/Guardian's Signature	Date
Student's Signature	Date

