



**BURNS SCI TECH HIGH
SCHOOL ACADEMIC
NIGHT**

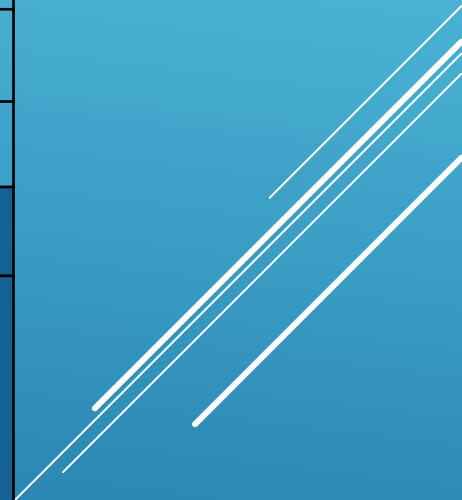
STANDARD HIGH SCHOOL DIPLOMA

CATEGORIES	CREDITS
ENGLISH LANGUAGE ARTS ELA honors, Advanced Placement (AP), and dual enrollment courses may satisfy this requirement	4
MATHEMATICS <ul style="list-style-type: none">• 1 credit in Algebra I (EOC= 30% and Pass EOC)<ul style="list-style-type: none">• 1 credit in Geometry (EOC = 30%)• 2 credits in any additional math courses*	4
SCIENCE <ul style="list-style-type: none">• 1 credit in Biology (EOC = 30%)• Two of the three required course credits must have a laboratory component	3
SOCIAL STUDIES <ul style="list-style-type: none">• 1 credit in World History• 1 credit in United States History (EOC = 30%)<ul style="list-style-type: none">• ½ credit in Economics• ½ credit in United States Government	3



STANDARD HIGH SCHOOL DIPLOMA

CATEGORIES	CREDITS
PHYSICAL EDUCATION <ul style="list-style-type: none">• ½ credit in Personal Fitness• ½ credit in any other PE course	1
PERFORMING FINE ARTS	1
Personal Financial Literacy and Money Management	½
ELECTIVES	8
TOTAL	24 Credits
<ul style="list-style-type: none">• 2.0 Grade Point Average (GPA)• One course must be taken online• Grade 10 English Language Arts (ELA) or a concordant score• Algebra 1 end of course (EOC) or a comparative score	



STANDARDIZED ASSESSMENTS

- ▶ Grade 10 FSA ELA (Writing & Reading)
- ▶ Algebra 1 End of Course (EOC)
- ▶ You **MUST** Pass **BOTH** to graduate

End of Course (EOC) Exams

- ▶ Biology EOC (30 %)
- ▶ FSA Algebra 1 EOC (30%)
- ▶ FSA Geometry EOC (30%)
- ▶ US History EOC (30%)
- ▶ EOC courses are full year
- ▶ **No credit** is awarded until the EOC is taken & factored into your grade

GRADE POINT AVERAGE (GPA)

Weighted GPA

- AP and Dual Enrollment = 5.0 scale
- Honors courses = 4.5 scale
- Regular courses = 4.0 scale
- Used for college entrance

Unweighted GPA

- All courses are on a 4.0 scale
- Used to graduate high school



STATE UNIVERSITY SYSTEM (SUS)

Admission into Florida's public universities is competitive.

- Prospective students should complete a rigorous course of study in high school.
- Apply to more than one university to increase their chances of acceptance.
- To qualify to enter one of Florida's public universities, a first-time-in-college student must meet the following minimum requirements...



SCHOLAR DIPLOMA DESIGNATION

Meet the 24-credit diploma requirements, and:

- Earn 1 credit in Algebra 2 or an equally rigorous course
- Pass the Geometry EOC
- Earn 1 credit in Statistics or an equally rigorous math course (Pre-Calculus Honors, Dual Enrollment Math, AP math)
- Pass the Biology 1 EOC*
- Earn 1 credit in Chemistry or Physics
- Earn 1 credit in a course equally rigorous to Chemistry/Physics
- Pass the U.S. History EOC*
- Earn 2 credits in the same World Language
- Earn at least 1 credit in an AP or a dual enrollment course



MERIT DIPLOMA DESIGNATION

- Meet the standard high school diploma requirements
- Attain one or more industry certifications



DUAL ENROLLMENT PROCESS

Eligibility Requirements

- Be enrolled in 6th - 12th grade
- Have taken at least one high school-level course
- College credit programs: 3.0 cumulative, unweighted high school GPA
- Vocational programs: 2.0 cumulative, unweighted high school GPA



Dual Enrollment Process

Spring 2025

June 1 - October 30, 2024

Application, Testing & Advising Window

New students must apply, take placement tests, and attend an advising session within this period.

October 31, 2024

Registration for Spring 2025 Begins

To be eligible for enrollment, students must have applied, tested, planned classes with an advisor, and be ready to submit completed forms by the given date.

December 6, 2024

Deadline for Spring 2025 Registration Requests

Important Dates

- *Students must complete their DSC admissions application, placement testing, and submit a signed dual enrollment form with courses elected for Full/A/B term courses by this date to be enrolled.*

DUAL ENROLLMENT PROCESS

- All courses taken at DSC will become a part of the student's permanent college transcript.
- Course materials and class discussions may involve mature topics not typically included in secondary courses. Courses are not modified to accommodate variations in student age and maturity.

□



ADVANCED PLACEMENT (AP) COURSES



Earn College Credit and Placement- Your AP score could earn you college credits before you even set foot on campus. In fact, most AP students who enroll in four-year colleges start school with some credit.



Stand Out to Colleges - “AP” on your high school transcript shows colleges you're motivated to succeed, and taking the exam demonstrates your commitment to tackle and complete college-level work.



Save Money and Time - Earning credit or placement can open up time on your schedule or even let you graduate early.

ADVANCED PLACEMENT (AP) COURSES



AP US HISTORY



AP ENGLISH
LANGUAGE AND
COMPOSITION



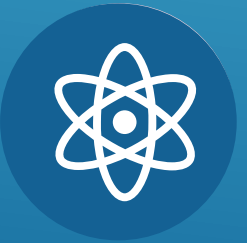
AP ENGLISH
LITERATURE AND
COMPOSITION



AP BIOLOGY



AP CHEMISTRY



AP PHYSICS 1 & 2



AP PRE/CALCULUS



AP STATISTICS



AP 2-D ART
PORTFOLIO



AP PSYCHOLOGY

BRIGHT FUTURES SCHOLARSHIP PROGRAM

Initial Eligibility Requirements:

1. Submit the Florida Financial Aid Application (FFAA) no later than August 31 after high school graduation.
2. Graduated from a Florida high school with a standard high school diploma or its equivalent.
3. Complete the 16 college-preparatory courses required for admission to a state university.
4. Achieve the required weighted GPA in the 16 college-preparatory courses per the chart below.
5. Achieve the required composite ACT® or combined SAT® score no later than June 30 of the student's graduation year.
6. Complete the required number of volunteer service or paid work hours per the chart below.



BRIGHT FUTURES SCHOLARSHIP PROGRAM

Type	16 High School College Preparatory Course Credits	Weighted Bright Futures GPA	College Entrance Exams by High School Graduation Year (ACT® /SAT®)	Volunteer Service Hours	Paid Work Hours	Combination
Florida Academic Scholars (Full)	4 - English (three must include substantial writing) 4 - Mathematics (at or above the Algebra I level)	3.50	2024-25 Graduates: 29/96/1340 2025-26 Graduates: 29/95/1330	100 hours	100 hours	100 hours
Florida Medallion Scholars (75%)	3 - Natural Science (two must have substantial laboratory) 3 - Social Science 2 - World Language (sequential, in same language)	3.00	2024-25 Graduates: 25/84/1210 2025-26 Graduates: 24/82/1190	75 hours	100 hours	100 hours

MISSION



VISION

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MISSION

To cultivate learners and leaders who are inspired, able, and prepared to make a positive difference in the world.

VISION

“STUDENTS ARE PREPARED
FOR THEIR LIFE”



STANDARD OF ACHIEVEMENT

The standard of living is decreasing for future generations.

How we educated in the past will not prepare students for their future.

*“PREPARE STUDENTS
FOR THEIR LIFE”*





BST IS A CHARTER SCHOOL

**CHARTER SCHOOLS SHOULD
BE CHARTING A NEW
COURSE IN EDUCATION.**



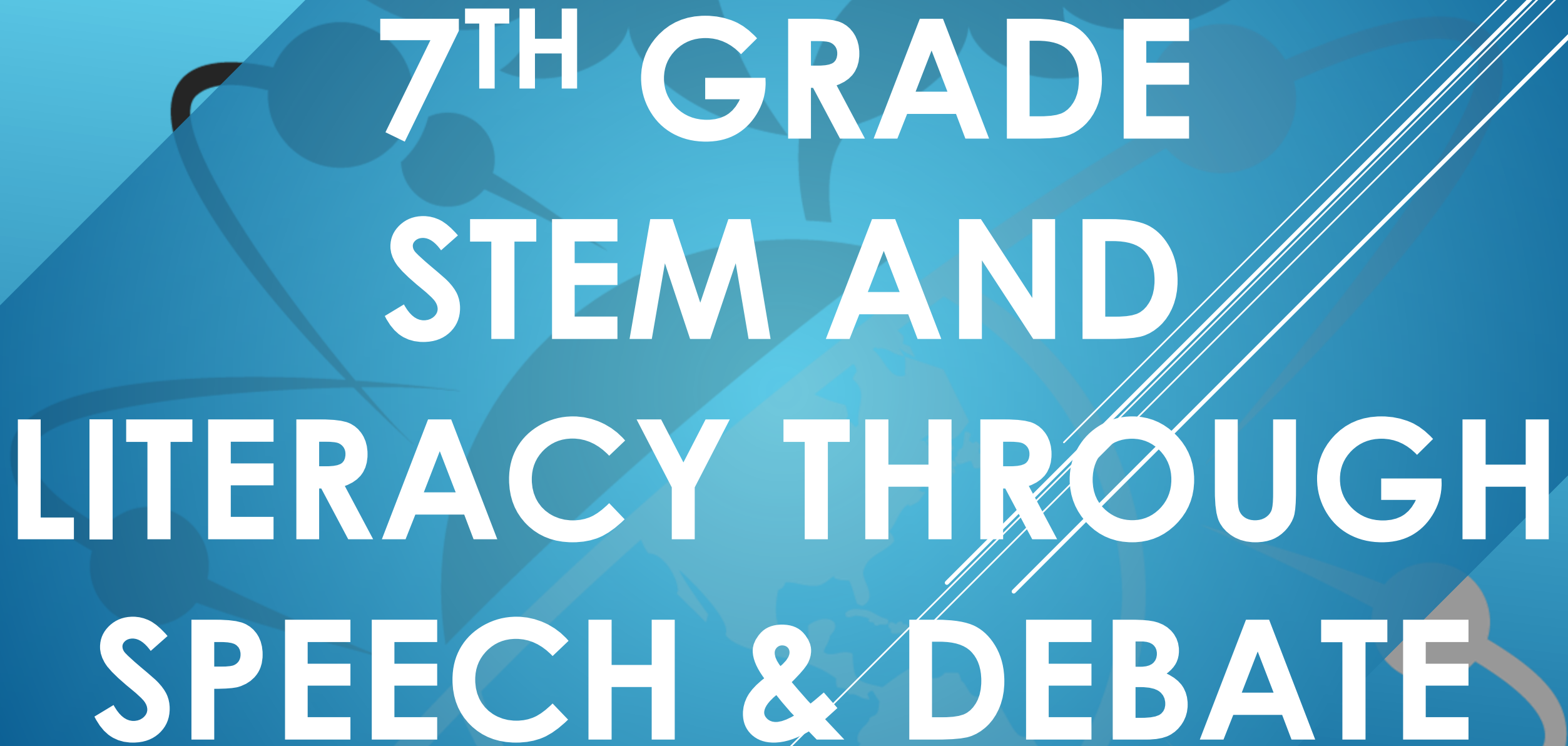


PHILOSOPHY

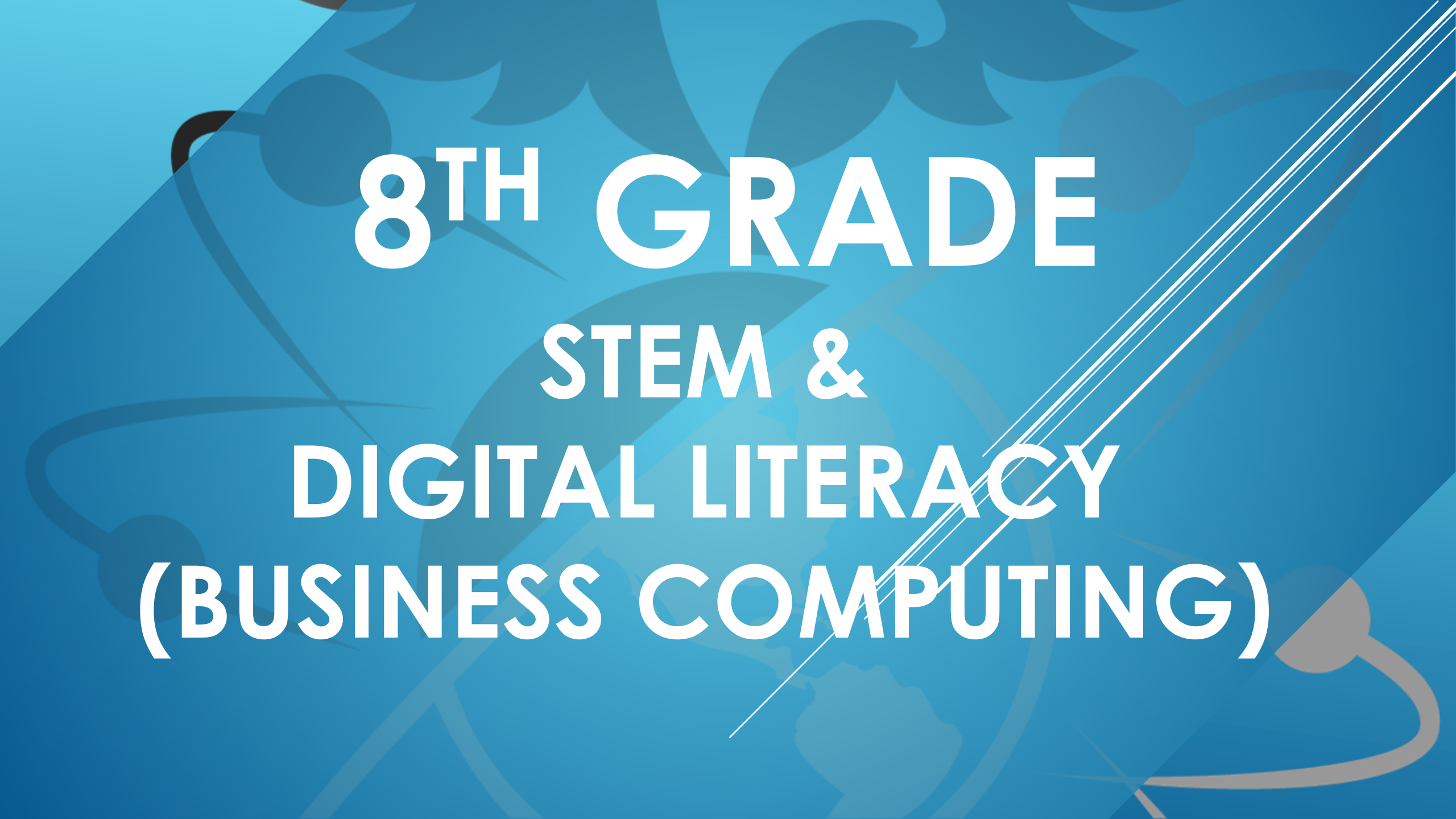
In order for students to understand, they must do. We offer a project-based, active learning environment that encourages students to link learning to real life. We foster critical thinking, independent problem-solving, strong communication skills, and ambitious goal-setting.

The background features a dark grey gradient with stylized, overlapping leaf shapes in shades of teal and dark blue. Several thin, white, parallel lines radiate from the top right towards the center, creating a sense of motion or focus.

LEARN & ACHIEVE



**7TH GRADE
STEM AND
LITERACY THROUGH
SPEECH & DEBATE**



**8TH GRADE
STEM &
DIGITAL LITERACY
(BUSINESS COMPUTING)**

SCIENCE FAIR

ALL STUDENTS MUST LEARN THE
SCIENTIFIC PROCESS AND HOW TO
CRITICALLY THINK THROUGH
SCIENCE FAIR.

HIGH SCHOOL

The background features a gradient from light blue to teal. It is decorated with stylized, semi-transparent elements: large, rounded leaf shapes in various shades of blue and green, and several circular nodes connected by thin, curved lines, resembling a network or molecular structure. The text 'HIGH SCHOOL' is written in a bold, white, sans-serif font, slanted upwards from left to right. The letters are underlined with a thick white line, and several thin white lines radiate from the bottom right of the text, creating a sense of motion or energy.

LIFE SKILLS

**STUDENTS MUST LEARN LIFE
SKILLS TO BE PREPARED FOR
THE REAL WORLD!**

“PREPARE STUDENTS FOR THEIR LIFE”

EiSTEAM

APPLYING REAL-WORLD CONCEPTS HOLISTICALLY



● "THE BRIDGE TO REAL-LIFE" ●

A R C H

ARCHWAYS (CHOOSE ONE)

ENTREPRENEUR

SCHOLAR

INNOVATOR

“Prepare Students for Their Life”



ENTREPRENEUR ARCHWAY

- ▶ Prepares students for their Career or Vocational School
- ▶ Students do not need a 4-year degree but may need additional training, license, or certification.
- ▶ Partnership with the SEV Chamber of Commerce to assist with tours, internships, and on-the-job training.



ENTREPRENEUR ARCHWAY

Real Estate

Sales, Insurance,
Office Manager

Aircraft Pilot or Flight
Attendant

Personal Trainer or
Massage Therapist

Barbers, Hairstylists,
and Cosmetologists

Agriculture, Farming

Manufacturing,
Technician, Plant
Operators, or
Maintenance and
Repair

Carpenter or
Construction

Plumber or
Electrician or
Electrical Powerline
Installers

Auto Mechanic,
Military

Chefs and Head
Cooks

Driver – Delivery,
Taxi, Bus,
Postmasters

Medical Records,
Pharmacy
Technician, Hearing
Aid Specialist,
Optician

Community Health
Workers, Firefighter,
Law Enforcement,
Dispatchers

Web Developer or
Programmer

SCHOLAR ARCHWAY

- ▶ Students who want to gain entrance into prestigious Colleges and Universities.
- ▶ Academic Focus
 - ▶ College Writing Skills with Research
 - ▶ STEM – High-Level Courses in Science, Technology, Engineering, and Mathematics.
 - ▶ Experimental Science Labs
 - ▶ Emphasis on Advanced Placement and not Dual Enrollment

ADVANCED PLACEMENT (AP) COURSES



AP US HISTORY



AP ENGLISH
LANGUAGE AND
COMPOSITION



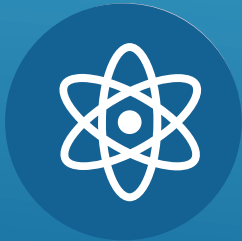
AP ENGLISH
LITERATURE AND
COMPOSITION



AP BIOLOGY



AP CHEMISTRY



AP PHYSICS 1 & 2



AP PRE/CALCULUS



AP STATISTICS



AP 2-D ART
PORTFOLIO



AP PSYCHOLOGY



Scholar

Entrepreneur

Similar to a Traditional High School Pathway

INNOVATOR ARCHWAY

- ▶ Combination of Scholar and Entrepreneur ARCHways for the first two years of HS.
- ▶ Students are encouraged to take college-level courses such as AP and Dual Enrollment Courses.
- ▶ Students are to take at least one year of Entrepreneurship and are encouraged to earn an industry certification.
- ▶ **Junior Year – Emphasize either Scholar or Entrepreneurship but still Innovator.**

College Course on Burns Campus



SLS 1122 – Managing Your Success

Strategies for success in college, career, and as life-long learners.

➤ **Major Topics**

- Self-discovery,
- Informed decision-making
- Navigating the digital environment
- Developing core professional skills
- Goal setting
- Managing personal finances.

➤ **For Scholars and Innovators**



LIFE PLAN

**STUDENTS DEVELOP A LIFE
PLAN DURING THEIR SENIOR
YEAR TO PREPARE THEM FOR
THE REAL WORLD.**

THE CAREER ARCHWAYS

ENTREPRENEUR

&

INNOVATOR

MUST PICK AN EiSTEAM PATHWAY

BURNS SCI-TECH EISTEAM PATHWAYS

Ei



Entrepreneurship & Business



Student Government

Science



Exercise Science



Educational Science



Agriscience and Animal Science
- FFA



Experimental
Science

Technology



Technology Services



Game & Sim Design

Engineering



Engineering



Technological Systems

Arts



Art Portfolio
Development



Musical Theatre



Music



Multi-Media Journalism

Math



Aviation



Social Media and Business
Marketing

EiSTEAM Pathways

BURNS WORLD

REAL-WORLD SIMULATION

- ❖ **JOB SEARCH WITH INTERVIEW**
- ❖ **PAID 2X PER MONTH**
- ❖ **TAXES REMOVED**
- ❖ **PURCHASE VEHICLE, PLACE TO LIVE**
- ❖ **MONTHLY BUDGET AND MAKE THE PAYMENTS EACH MONTH**
- ❖ **PAY TAXES IN APRIL**
- ❖ **LEARN HOW TO MAINTAIN A HOME BY LEARNING TO FIX THINGS AROUND A HOUSE**
- ❖ **INVESTING**
- ❖ **BANKING – CREDIT CARDS, DEBIT CARDS, CHECKING ACCOUNT, LOANS, ECT.**
- ❖ **VACATION PLANNING**

NEW FLEXIBLE HIGH SCHOOL SCHEDULE

- ▶ **Class Periods will go from 50 min to 65 minutes.**
 - ▶ **Mondays will be**
 - ▶ **Individualized learning and study skills, especially for students on Academic Improvement Plan (AIP).**
 - ▶ **Experiential Learning**
 - ▶ **Students not required to attend on Mondays can complete**
 - ▶ **Volunteers Hours**
 - ▶ **Work a Job**
 - ▶ **Complete School Work**
 - ▶ **Online Course**
- * If a student gets behind in schoolwork or has a behavior issue, they must attend school on Monday**

EXPERIENTIAL MONDAYS

Scholars

- ▶ Experimental Science
- ▶ Labs
- ▶ Academic Competitions
- ▶ Science Fair
- ▶ AP Study Hall

Electives

- ▶ OJT
- ▶ PE
- ▶ Creative Writing
- ▶ Artistic Design
- ▶ Public Service
- ▶ Teaching
- ▶ Blueprint for Academic and Professional Success

Remediation

- ▶ Teach students how to learn
- ▶ Concepts from SLS course
- ▶ Study Skills
- ▶ Organizational Skills
- ▶ Receive Tutoring

- ▶ Assigned Behavior & Academic Interventions

NEW FLEXIBLE HIGH SCHOOL SCHEDULE

3 Choices

- ▶ **7 periods Monday – Friday (5 Days)**
 - ▶ **With experiential opportunities on Monday.**
 - ▶ **Students can check out at 1:30 pm**
 - ▶ **Students can stay for Study Hall with dismissal at 3:35 pm.**
- ▶ **6 periods with no Mondays (4 Days)**

NEW FLEXIBLE HIGH SCHOOL SCHEDULE

Regular Schedule (135 hours per year required)

- ▶ Class 50 min x 5 days = 250 minutes per week
- ▶ 250 minutes x 36 weeks = 9000 minutes
- ▶ 150 hours – State minimum is 135 hours

4-Day Flex Schedule (135 hours per year required)

- ▶ Class 65 min x 4 days = 260 minutes per week
- ▶ 260 min week x 37.4 weeks = 9724 minutes
- ▶ 162 hours – State minimum is 135 hours

NEW FLEXIBLE HIGH SCHOOL SCHEDULE

Regular Schedule (900 hours per year required)

- ▶ Class 50 min x 5 days = 250 minutes
- ▶ 7 classes x 250 min week = 1750 minutes
- ▶ 1750 min x 36 weeks = 1050 hours (150 extra)

4-Day Flex Schedule (900 hours per year required)

- ▶ Class 65 min x 4 days = 260 minutes
- ▶ 6 classes x 260 min week = 1560 minutes
- ▶ 1560 min x 37.4 weeks = 973 hours (73 extra)
- ▶ Monday added = 1135 hours (235 extra)

REGULAR BELL SCHEDULE

8th & HS with first lunch	Tuesday - Friday
Teacher Planning	7:30-8:00
Homeroom	8:00-8:18
1st Period	8:20-9:25
2nd Period	9:27-10:32
Long Transition	10:32-10:37
3rd Period	10:37-11:42
1st Lunch	11:44 - 12:14
4th Period	12:16 - 1:21 (4th Period)
5th	1:23-2:28
6th	2:30-3:35
Homeroom	3:36-3:40

7th & HS with second lunch	Tuesday - Friday
Teacher Planning	7:30-8:00
Homeroom	8:00-8:18
1st Period	8:20-9:25
2nd Period	9:27-10:32
Long Transition	10:32-10:37
3rd Period	10:37-11:42
4th Period	11:44-12:49 (4th Period)
2nd Lunch	12:51-1:21
5th	1:23-2:28
6th	2:30-3:35
Homeroom	3:36-3:40

MONDAY HS BELL SCHEDULE

Teacher Planning	7:30-8:00
Homeroom	8:00-8:18
7th Period	8:20-12:51 (271 min)
Lunch	12:53-1:23 (2nd Lunch)
Study Hall	1:25 - 3:35
Homeroom	3:36-3:40 pm

SCHOLAR MONDAYS

**Experimental Science
8:20-10:32 (Session 1)**

**Experimental Science
10:30 - 12:55 (Session 2)**

**Study Hall, AP Session or Elective
Session
1:25 - 3:35**

ELECTIVE MONDAYS

	8:20-10:32 (Session 1)	10:30 - 12:55 (Session 2)	1:25 - 3:35 (Study Hall)
Fitness Lifestyle Design (Semester)			
Creative Writing (Semester)			
Artistic Design			
Public Service (Semester)			
Teaching Program			
NC Study Hall 1-4 (Run like Eagle Hour - SGA)			

ACADEMIC SUCCESS PROGRAM

- **Student goes on a Academic Improvement Plan (AIP).**
- **Students that have a GPA lower than 2.0 or have failed courses**
- **Learn organizational skills, study skills, & how to take notes.**
- **Expected to complete an Entrepreneur Course and the Industry Certification.**
- **Must attend Mondays and possibly Summer School for remediation.**
- **Not Eligible for the FLEX SCHEDULE**

STUDENT SUCCESS MONDAYS

Session 1

8:20 - 12:55

**Personal, Career, &
School Dev Skills**

Session 2

1:25 - 3:35

Online Makeup Course

NEW AWARDS SYSTEM – EFFORT TO ACHIEVEMENT

Awards for the end-of-the-year ceremonies will now be based on merit.

Attitude - Gold – Silver – Bronze Awards for Achievement Checklist

- ▶ Achievement Checklist includes but is not limited to: academics, behaviors, extracurricular activities, volunteer hours, & school spirit.
- ▶ The more a student completes, the higher the Achievement!
- ▶ Top Performers - Automatic Entrance into AP Capstone Program

Integrity Achievement (Replaces Perfect Attendance – Rewards Responsibility)

- ▶ Low amount of discipline points & high amount of community service.

Motivation - Academic Achievement using the Latin Honors System for 8th and 12th Grades

- ▶ **Cum laude:** “With distinction,” 3.5–3.6 GPA
- ▶ **Magna cum laude:** “With great distinction,” 3.7–3.8 GPA
- ▶ **Summa cum laude:** “With the highest honor,” 3.9–4.0 GPA

Elective, Community Awards, and Scholarships



NEW 9TH GRADE SAMPLE SCHEDULE

Courses M-R	Entrepreneur	Innovator	Scholar
English	English 1 Reg or Hon	English 1 Reg, Hon, PreAP	PreAP English
Mathematics	Alg 1a, Alg 1, Geo, Alg 2	Alg 1a, Alg 1, Geo, Alg 2	Honors - Alg 1, Geo, Alg 2
Science	Agriscience or Environmental Science	Agriscience, Environmental, or Biology	PreAP Biology
Physical Education	Personal Fit & Comp	Personal Fit & Comp	Personal Fit & Comp
Required Electives	Entrepreneurship	Entrepreneurship	Writing for College & SLS
Electives	ARCHway	ARCHway or World Language 1	World Language 1
Optional 7 th Period Elective	Optional Elective	Optional Elective	Optional Elective
Friday Courses	<u>FLEX Schedule</u> Off or Elective & Study Hall	<u>FLEX Schedule</u> Off or Elective & Study Hall	Experimental Science 1 Honors and Study Hall

NEW 10TH GRADE SAMPLE SCHEDULE

Courses M-R	Entrepreneur	Innovator	Scholar
English	English 2 Reg or Hon	English 2 Reg, Hon, PreAP	PreAP English 2
Mathematics	Alg 1b, Geo, Alg 2, Financial Math	Geo, Alg 2, Stats, PreCalc	Honors - Geo, Alg 2, AP PreCalc
Science	Biology Reg or Hon	Biology Reg, Hon, AP	AP Biology
Social Studies	World History Reg or Hon	World History Reg or Hon	World History Hon
Required Electives	Business Management & Law	Business Management or SLS and College Writing	AP Capstone Seminar
Electives	ARCHway	ARCHway or World Language	World Language 2
Optional 7 th Period Elective	Optional Elective	Optional Elective	Optional Elective
Friday Courses	<u>FLEX Schedule</u> Off or Elective & Study Hall	<u>FLEX Schedule</u> Off or Elective & Study Hall	AP Biology Lab and Study Hall

NEW 11TH GRADE SAMPLE SCHEDULE

Courses M-R	Entrepreneur	Innovator	Scholar
English	English 3 Reg or Hon	English 3 Reg, Hon, AP	AP English 3
Mathematics	Geo, Alg 2, Financial Math, Lib Math or Stats	Alg 2, Stats, PreCalc, AP Calc	Honors - Alg 2, AP PreCalc, AP Calc
Science	Physical Science	Chemistry or an AP Science	AP Physics or Chemistry
Social Studies	US History Reg or Hon	US History Reg, Hon, AP	AP US History
Required Electives	Business Ownership	Business Ownership or ARCHway	World Language 3 or High-Level Elective
Electives	ARCHway, Internship, OJT, Directed Study	ARCHway or World Language	Elective
Optional 7 th Period Elective	Optional Elective	Optional Elective	Optional Elective
Friday Courses	<u>FLEX Schedule</u> Off or Elective & Study Hall	<u>FLEX Schedule</u> Off or Elective & Study Hall	Experimental Science 2 and Study Hall

NEW 12TH GRADE SAMPLE SCHEDULE

Courses M-R	Entrepreneur	Innovator	Scholar
English	English 4 Reg or Hon	English 4 Reg, Hon, AP	AP English 4
Mathematics	Alg 2, Financial Math, Lib Math or Stats	Stats, PreCalc, AP Calc	Honors - Sats AP PreCalc, AP Calc
Science	Forensic Science or Anatomy & Physiology	All Sciences Available	AP Physics 1 or 2 or AP Chemistry
Social Studies	Govt & Financial Economics	Govt & Financial Economics	Govt & Financial Economics
Required Electives	Life Plan Directed Study	Life Plan Directed Study or AP Research	AP Capstone Research
Electives	ARCHway, Internship, OJT	ARCHway, World Language, Internship, OJT	World Language 4 or High-Level Elective
Optional 7 th Period Elective	Optional Elective	Optional Elective	Optional Elective
Friday Courses	<u>FLEX Schedule</u> Off or Elective & Study Hall	<u>FLEX Schedule</u> Off or Elective & Study Hall	Experimental Science 3 and Study Hall