

# Stone Bridge High School



**Rising 9<sup>th</sup> Grade**

**Parent/Student Information Night**

# Welcome from Mr. Wilburn



# **A few words from SBHS Students...**



# STONE BRIDGE HIGH



2015-2016

- **Mr. Lucas      Director**
- **Mr. Diamond      A-Dec**
- **Ms. Halpin      Ded-Hun**
- **Mr. Misik      Huo-Moo**
- **Ms. McCarthy      Mop-Som**
- **Ms. Abrigo      Son-Z**



# Ethics Day Fundraiser

## \$20





# Scheduling Process

- **Informational Session**
- **SBHS Counselors visit  
Trailside MS (Feb. 13 &  
14)**
- **Program of Studies**
- **Course Selection Sheet**
- **Plan of Studies**
- **Timelines**
- **Visit to SBHS (April 28)**
- **Orientation (August)**





# Program of Studies

[www.lcps.org/sbhs](http://www.lcps.org/sbhs)

## Pages of Interest

- **General Information—page 1**
- **Promotion and Credit Info—page 2**
- **Diploma Requirements—pages 4-6**
- **GPA and Class Rank—page 8**
- **Grade Weighting—page 8**
- **Testing Info—page 8-9**
- **Special Programs—pages 9-12**
- **Index of Courses—pages 59-65**





# Diploma Types

Standard Diploma Course Requirements (8 VAC 20-131-50.B)			
Discipline Area	Standard Credits: effective with first-time ninth graders in 2003-2004 through 2010-2011	Standard Credits: effective with first-time ninth graders in 2011-2012 and beyond	Verified Credits: effective for first-time ninth graders in 2003-2004 and beyond
English	4	4	2
Mathematics	3	3	1
Laboratory Science	3	3	1
History & Social Science	3	3	1
Health & Physical Education	2	2	
Fine Arts or Career & Technical Education	1		
Foreign Language, Fine Arts or Career & Technical Education		2	
Economics and Personal Finance		1	
<u>Electives</u>	6	4	
Student Selected Test			1
<b>Total</b>	22	22	6

A student must earn a Board-approved career and technical education credential to graduate with a Standard Diploma (beginning with students entering 9<sup>th</sup> grade for the first time in 2013-2014).







# Diploma Types

## Advanced Studies Diploma Course Requirements (8 VAC 20-131-50.C)

Discipline Area	Standard Credits: effective with first-time ninth graders in 2003- 2004 through 2010-2011	Standard Credits: effective with first-time ninth graders in 2011-2012 and beyond	Verified Credits - effective with ninth graders in 2000- 2001 and beyond
English	4	4	2
Mathematics	4	4	2
Laboratory Science	4	4	2
History & Social Sciences	4	4	2
Foreign Languages	3	3	
Health & Physical Education	2	2	
Fine Arts or Career & Technical Education	1	1	
Economics and Personal Finance		1	
Electives	2	3	
Student Selected Test			1
<b>Total</b>	<b>24</b>	<b>26</b>	<b>9</b>

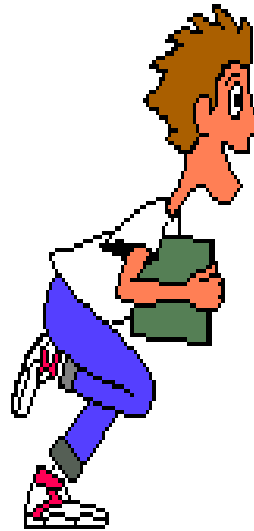
A student must successfully complete one virtual course, which may be non-credit bearing, to graduate with either a Standard or Advanced Studies diploma (beginning with students entering the 9<sup>th</sup> grade for the first time in 2013-2014).





# Typical 9<sup>th</sup> Grade Student Schedule

- English 9
- Math
- Earth Science
- World Geog./History I
- HPE 9
- World Language
- Elective (s)
- Study Hall





# High School Plan of Studies

LOUDOUN COUNTY PUBLIC SCHOOLS  
Plan of Studies\*

Name \_\_\_\_\_ Graduation Year \_\_\_\_\_

Diploma Type: (circle one)    Standard    Advanced Studies    Career Goal \_\_\_\_\_

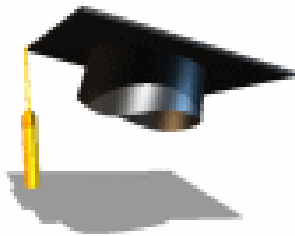
Address \_\_\_\_\_

Phone \_\_\_\_\_ Counselor \_\_\_\_\_

Career Cluster (circle one)

- Agriculture, Environment, & Natural Resources      Business & Marketing  
 Health, Human, & Public Service      Communication, Arts, and Media      Engineering & Industrial Technologies

	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
			English 9	English 10	English 11	English 12
			Math _____	Math _____	Math _____	(Math) _____
			Science _____	Science _____	Science _____	(Science) _____
			World History/ Geography I	World History/ Geography II	U.S. History	U.S. & Virginia Government
			Health/P.E. 9	Health/P.E. 10	Personal Finance & Economics	
			(Foreign Language)	(Foreign Language)	(Foreign Language III or another Foreign Language)	(Second Year of another Foreign Language)
<b>Total Credits</b>	_____	_____	_____	_____	_____	_____





## Rising 9<sup>th</sup> GRADE COURSE SELECTION SHEET



STUDENT'S FULL NAME: \_\_\_\_\_

STUDENT ID NUMBER: \_\_\_\_\_

### ENGLISH

140200 English 9 H  
140300 English 9 A

### MATHEMATICS

542000 Algebra I Part I  
543000 Algebra I Part II  
540000 Algebra I  
550000 Geometry  
565000 Functions, Alg & Data Analysis  
560000 Algebra II  
571000 Algebra II/Trig  
572000 Adv Functions & Data Anal  
585000 Adv Algebra/Precalculus  
586000 Math Analysis  
585100 AP Calculus AB  
593000 Computer Math  
598100 AP Statistics

### SCIENCE

640200 Research Earth Science II  
640300 Earth Science A  
650200 Research Biology II

### SOCIAL SCIENCES/HISTORY

740900 Pre-AP World His/Geo I  
740300 World Hist/Geo to 1500 A

### Health & PE

440000 HPE 9

### STUDY HALL

066700 Study Hall S1\*  
067700 Study Hall S2\*

### WORLD LANGUAGES

380000 Amer Sign Lang I  
340000 French I  
342000 French II  
343000 French III  
344000 French IV  
370000 German I  
372000 German II  
373000 German III  
374000 German IV  
350000 Latin I  
352000 Latin II  
353000 Latin III  
321000 Mandarin Chinese I  
360000 Spanish I  
362000 Spanish II  
363000 Spanish III  
364000 Spanish IV

### MUSIC

262000 Music Theory/History  
272000 Band  
293000 Beginning Guitar  
294000 Intermediate Guitar  
295000 Advanced Guitar  
296000 Artist Level Guitar  
280000 Chorus  
275004 Beginning Orchestra  
275003 Intermediate Orchestra  
275002 Advanced Orchestra  
275001 Artist Orchestra

### TECHNOLOGY EDUCATION

852000 Materials & Processes  
853000 Technical Drawing & Design  
856000 Technical Foundations

### ART

240000 Art I

### BUSINESS & INFORMATION

621000 Intro to Business & Marketing  
628001 Computer Information Systems

### ENGLISH ELECTIVES

250000 Theater Arts I  
254000 Technical Theater  
187000 Journalism  
192000 21<sup>st</sup> Century Lit Strategies  
\*160700 Creative Writing

### FAMILY & CONSUMER SCIENCE

\*846700 Fashion Design & Merch  
\*845700 Gourmet Foods  
\*846000 Human Development  
\*847700 Intro to Housing & Design  
\*820700 Leadership Development

### **\* Denotes Semester Course**

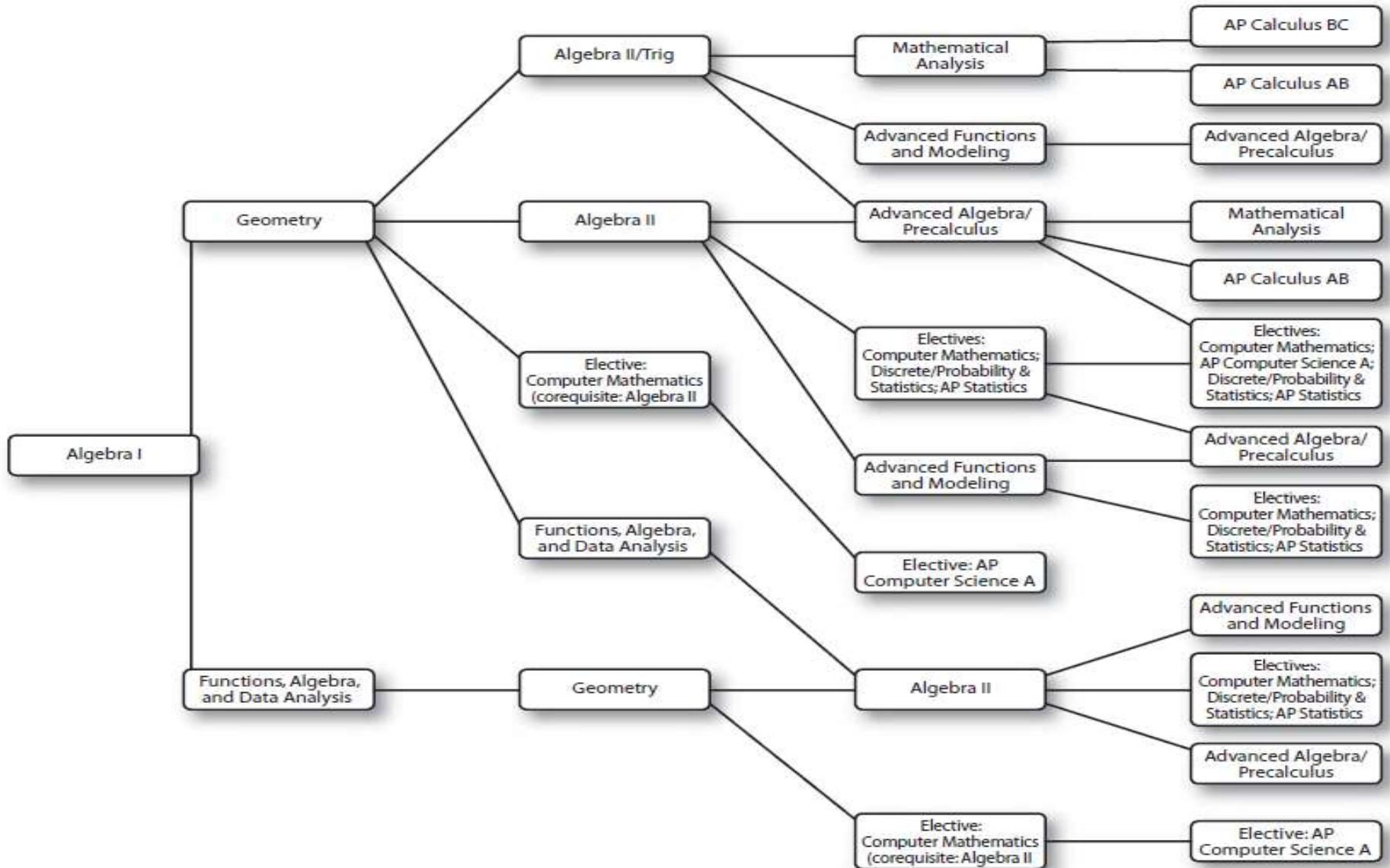
If you select one \*(semester) course,  
you must select another \*(semester)  
course.





# Math Progression

## MATHEMATICS PROGRESSION CHART





# Algebra II



- Students **MUST** have a strong grasp of Algebra I concepts!
- Math may **not** be the passion for the students who enroll in this course.

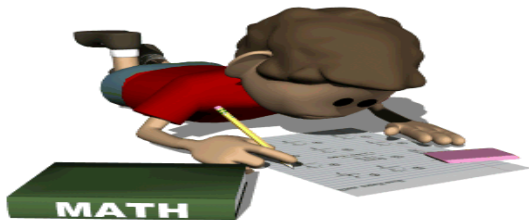


# Algebra II/Trigonometry

- Students MUST have a passion for mathematics

and be self-motivated!

- Students MUST have a strong grasp of Algebra I concepts! Did students earn "A"s on their midterm and final exams to demonstrate long term retention/comprehension?
- If a student is enrolled in this course, he/she should be enrolled in higher science courses as well.



This course has a common assessment for the midterm and final exam.



# Functions, Algebra, and Data Analysis



- This course is a bridge between Algebra I and Algebra II.
- Students looking to strengthen Algebra I skills should enroll.
- Students may need review before they enroll in Algebra II.





# Advanced Functions and Modeling

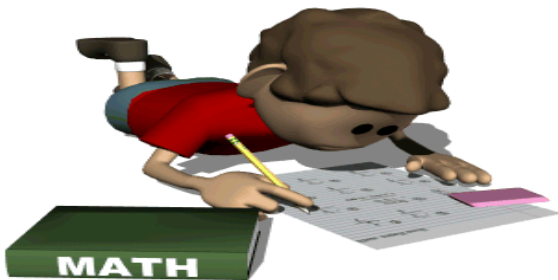
- This course is a bridge between Algebra II and Advanced Algebra/Precalculus.
- Students looking to strengthen Algebra II skills should enroll.
- Students will be exposed to real world mathematics by completing labs.





# Advanced Algebra/Precalculus

- Students should have a passion for mathematics, a **STRONG** grasp of Algebra II concepts, and intentions to enroll in Calculus at some point!
- Students **MUST** have a strong grasp of Algebra II concepts! Did students earn "A"s on their midterm and final exams to demonstrate long term retention/comprehension?





# Mathematical Analysis



- Students MUST have a passion for mathematics and be self-motivated!
- Students MUST have a strong grasp of Algebra II and Trigonometry concepts!
- If a student is enrolled in this course, he/she should be enrolled in higher science courses as well.

This course has a common assessment for the midterm and final exam.

# Honors English Students Should:

- Enjoy reading on their own, such as during the summer or outside of school
- Enjoy discussing their reading, trying to find meaning or understand themes
- Have a strong work ethic and are willing to work outside of school an average of an hour per class period
- Push themselves to exceed the basic requirements, consistently writing more, reading more, thinking more deeply, and spending more time than is required





# Important Dates



- **April 28th** Rising 9<sup>th</sup> Graders visit SBHS  
(Expo Day: 9:15-11:15)
- **August** Orientation & Cook-out (3rd week in August)
- **August 29<sup>th</sup>** 1<sup>st</sup> day of school

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