

# Scheduling Information Evening

Indian Hill High School

Grade 9, 2017-2018

# Scheduling Timeline - Current Students

- ▶ ***Tuesday, February 7***
  - ▶ Counselors visit 8<sup>th</sup> grade students
- ▶ ***Thursday, February 23***
  - ▶ Students meet with counselors to complete online scheduling
- ▶ ***Week of March 6***
  - ▶ Course request verification letters mailed to students/parents
- ▶ ***March 17***
  - ▶ Verifications/changes are due back to counselors

# Graduation Requirements, Class of 2021

Subject	Notes	Units
English	Includes Speech	4.5
Mathematics	Algebra II required	4.0
Social Studies	American History and US Government required	4.0
Science	Biology and Chemistry required	3.0
Physical Education*	.25 credit each semester	0.5
Health		0.5
Fine/Practical Arts	Music, Art, Theatre, Marketing, Family and Consumer Science, Applied Technology	2.0
World Languages	Must complete level II	1.0
Electives		2.5
<b>Total Credits</b>		<b>22.0</b>

\*PE Waiver available starting in Fall 2017, pending BOE approval

# Additional Graduation Requirements - Class of 2021

## ▶ Students must meet one of the following:

### ▶ Ohio's State Tests

- Cumulative total of 18 points required - each test is scored on a scale of 1 to 5
- Minimum - 4 points in math, 4 points in English, and 6 across Science and Social Studies
- End of Course Exams in: Algebra I, Geometry, English I, English II, Biology, American History, American Government
- AP US History and AP US Government and Politics exams replace the Ohio test in that area

### ▶ College Admission Test

- Remediation-free score in English and mathematics on the SAT (or ACT)
- SAT offered to students at IH free of charge one time in grade 11
  - ❖ Writing - 430 or higher
  - ❖ Reading - 450 or higher
  - ❖ Math - 520 or higher

### ▶ Industry Credential and Workforce Readiness

- Minimum 12 points through the WorkKeys Assessment
- Offered free of charge one time to Ohio students

# Community Service

- ▶ Required of all students as part of social studies and graduation requirements
  - Regular Hours (formerly Red) - max 5 per year
    - ❖ Inside the community
    - ❖ For example - promote a school event, church event, selling concessions
  - Qualified Hours (formerly White)
    - ❖ Outside the community
    - ❖ For example - Free Store Food Bank, Matthew 25 Ministries, Ronald McDonald House
- ▶ Hours required by year:
  - Grades 9 and 10 - 10 hours
  - Grade 11 - 20 hours
  - Grade 12 - 30 hours

# Alternative Credit Pathways

- ▶ Opportunities to pursue areas of interest that may not be available in the traditional HS curriculum
  - ▶ **Credit Flexibility**
    - ▶ Deadline to submit for First Semester or Full-year courses - May 22, 2017
    - ▶ Deadline to submit for Second Semester courses - December 4, 2017
  - ▶ **College Credit Plus**
    - ▶ Deadline to participate - April 1, 2017
    - ▶ Information Session at Princeton Administration Center - February 7, 2017, 6:30-8pm
      - ▶ College and university representatives will be on hand to answer questions

# PE Waiver

(pending BOE approval - February)

- ▶ Alternative to completing 2 semesters of PE for graduation
- ▶ Students must participate in two seasons at Indian Hill HS
  - ▶ Athletic Team
  - ▶ Cheerleading
  - ▶ Marching Band
- ▶ No credit awarded for those that participate in the waiver; still need 22 credits for graduation

# Expectations of the AP student

- ▶ A desire to be challenged
- ▶ An ability to synthesize and apply content from different courses
- ▶ Self-motivation & a dedication to successfully complete demanding academic work both inside and outside of the classroom
- ▶ Strong academic communication skills (reading, writing, speaking, listening skills)
- ▶ An interest in developing a useable understanding of content and its applications, including those that are abstract



# Services for students with Individualized Education Plans

- ▶ We offer co-taught classes for each grade level
- ▶ Support classes are scheduled into the students' day to work on IEP goals and help with academic support
- ▶ We provide cross-categorical classes that focus on functional and vocational life skills.

# English



Reading maketh a full man, conference a ready  
man, and writing an exact man.

(Francis Bacon)

izquotes.com



**ENDURING EXCELLENCE**  
IN LEARNING, LEADERSHIP, INNOVATION & SERVICE

# Requirements - 4.5 Credits

9th

10th

11th

12th

Advanced

AP Seminar

AP Language

AP Literature

College Prep

College Prep

College Prep

College Prep

Speech 1 Semester



# Electives

## Advanced Speech

Semester

Builds on fundamentals of required speech course

## Creative Writing

Semester

Introduction and Advanced Courses

## Film

Semester

Introduction and Advanced Courses

# Electives

## Literature and Culture

Year Course

Emphasis on Reading Skills

## Summer Book Club

By Invitation

Designed to keep Reading Skills Sharp

## AP Research

Year Course

Junior or Senior Year  
Prerequisite: AP Seminar

# AP Diploma

AP Seminar  
10<sup>th</sup> Grade  
English  
Score of 3 or  
higher

AP Research  
English Elective  
Grades 11 or 12  
Score of 3 or  
higher

Four Other AP  
Courses  
Score of 3 or  
higher

# Mathematics

# Sequence of Courses...

## Indian Hill High School Mathematics Department

9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>
<b>Algebra I</b>	<b>Geometry</b>	<b>Algebra II</b>	<b>Precalculus</b>
	<b>Geometry Concepts</b>	<b>Algebra II Concepts</b>	<b>IAT</b>
<b>Geometry</b>	<b>Adv Algebra II*</b>	<b>Adv Precalculus</b>	<b>AP Calculus AB</b>
	<b>Algebra II</b>	<b>Precalculus</b>	<b>Calculus</b>
	<b>Algebra II</b>	<b>IAT</b>	<b>Precalculus</b>
<b>Adv Algebra II</b>	<b>Adv Functions/Trig</b>	<b>Adv Precalculus</b>	<b>AP Calculus BC</b>
			<b>AP Calculus AB</b>
<b>AP Stats**</b>		<b>AP Stats**</b>	<b>AP Stats**</b>

\* Based on teacher recommendation

\*\*AP Stats may be recommended for students who have completed a minimum of Algebra II



# Typical week...

## ▶ Algebra I

- ▶ 1 - 2 topics are covered
- ▶ Approximately 20 minutes of homework each night
- ▶ Weekly assessment

## ▶ Geometry

- ▶ 2 - 3 topics are covered
- ▶ Approximately 25 minutes of homework each night
- ▶ Weekly assessment

## ▶ Advanced Algebra II

- ▶ 3 - 4 topics are covered
- ▶ Approximately 30 minutes of homework each night
- ▶ Weekly assessment

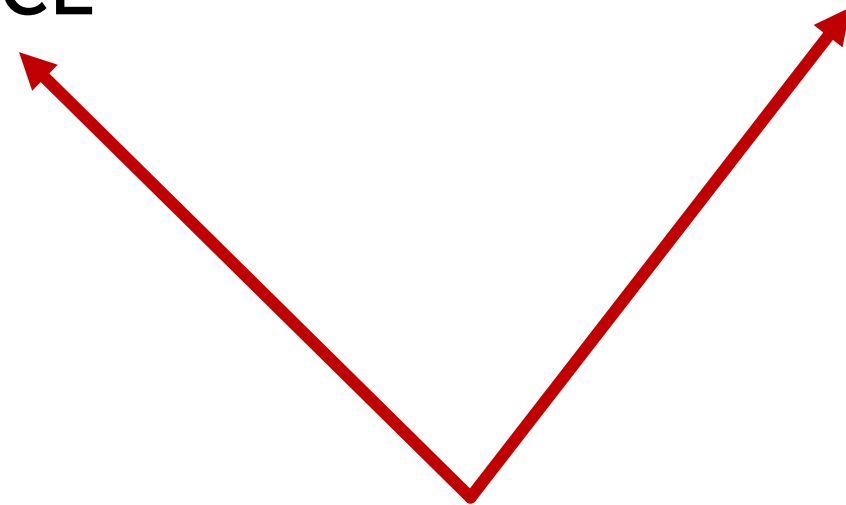
# Science and Engineering

# SCIENCE DEPARTMENT: COURSE PATHWAYS

- ▶ The following illustrations give a general summary of the course options for freshmen through senior years.
- ▶ Note that the Junior-Senior Pathways only list the options for one year. Students are strongly recommended to take 4 or more sciences during their high school experience.

# SCIENCE: FRESHMAN PATHWAYS

APPLIED LIFE SCIENCE - - - - - ► BIOLOGY



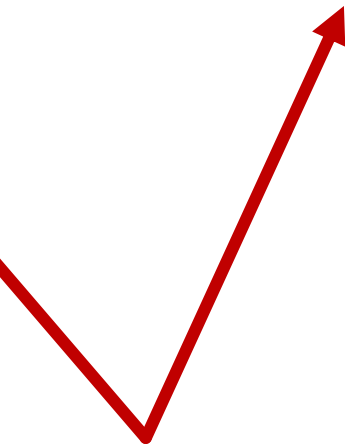
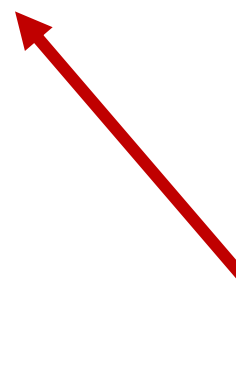
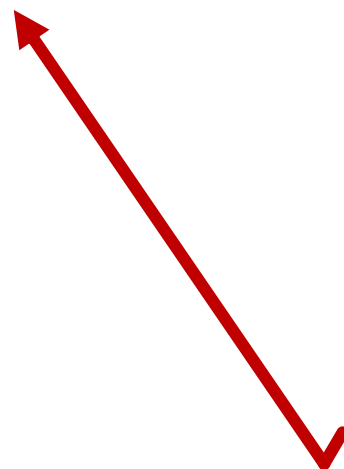
MIDDLE SCHOOL  
(Teacher Recommendation)

# SCIENCE: SOPHOMORE PATHWAYS

APPLIED  
CHEMISTRY

GENERAL  
CHEMISTRY

ADVANCED  
CHEMISTRY

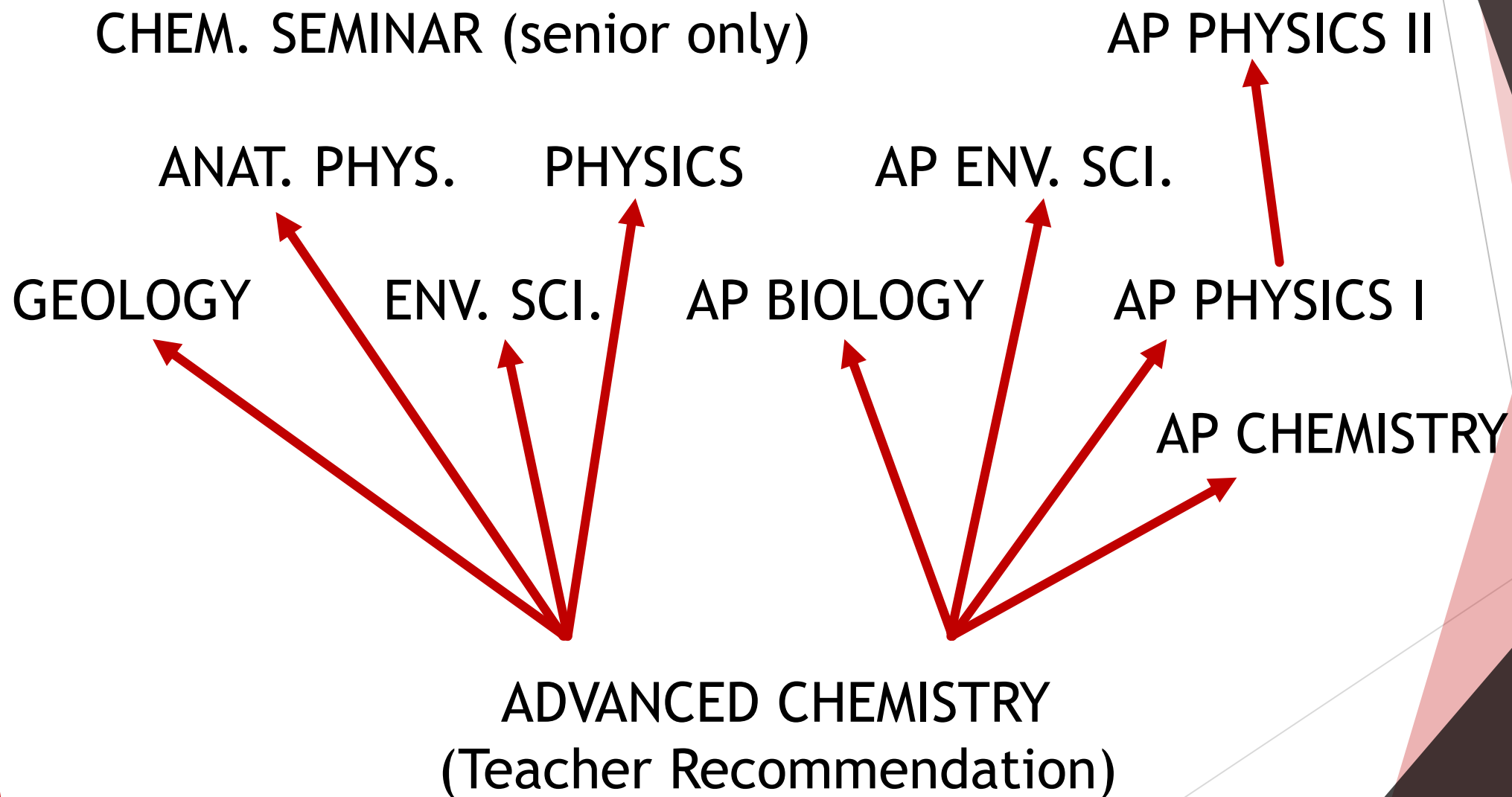


APPLIED LIFE  
SCIENCE

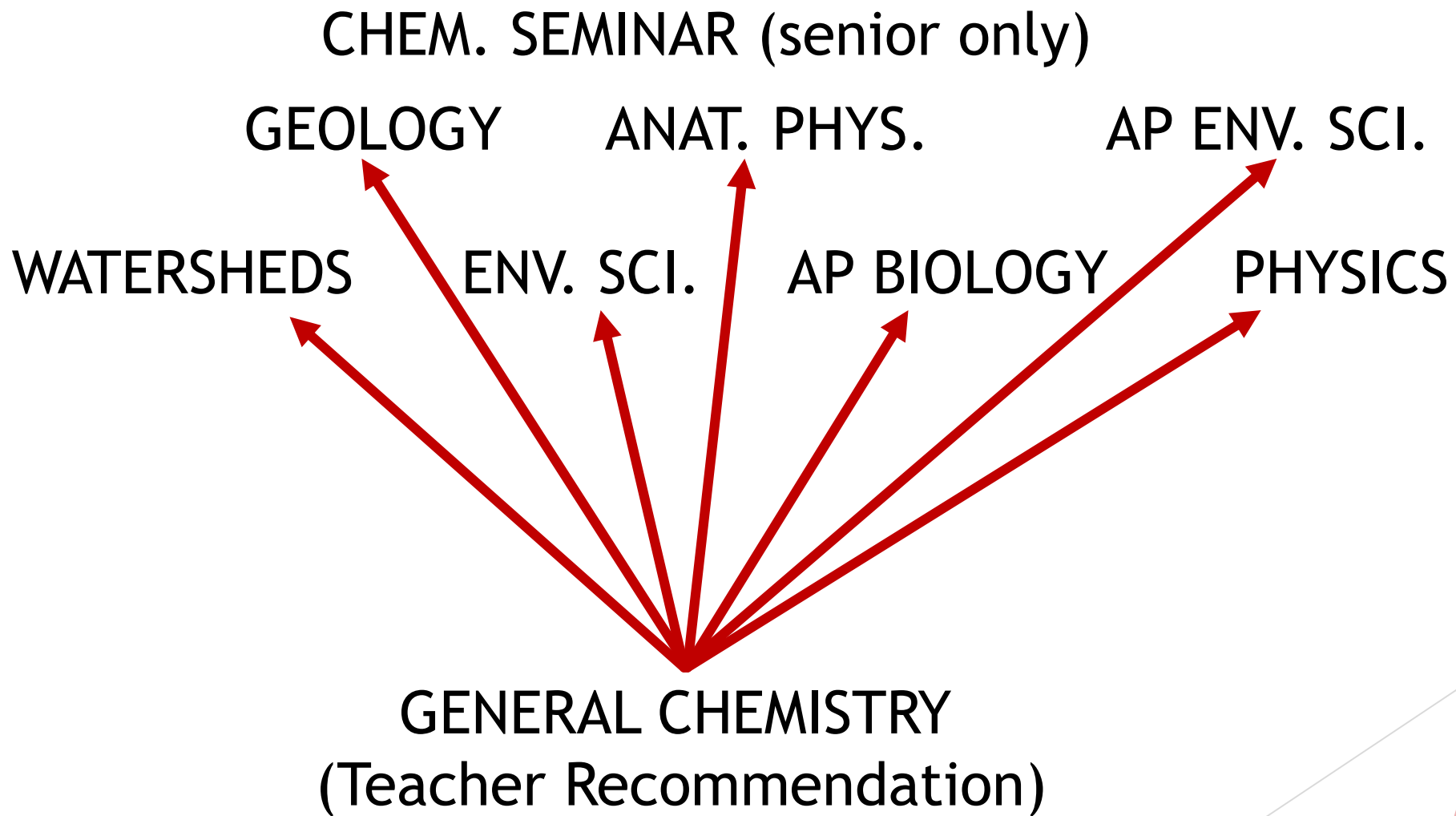
BIOLOGY

(Teacher Recommendation)

# SCIENCE: JUNIOR-SENIOR PATHWAYS



# SCIENCE: JUNIOR-SENIOR PATHWAYS



# SCIENCE: JUNIOR-SENIOR PATHWAYS

CHEM. SEMINAR (senior only)

WATERSHEDS

GEOLOGY

ENV. SCI.

APPLIED CHEMISTRY  
(Teacher Recommendation)

```
graph TD; A[APPLIED CHEMISTRY (Teacher Recommendation)] --> B[WATERSHEDS]; A --> C[GEOLOGY]; A --> D[ENV. SCI.];
```

The diagram illustrates a pathway starting from 'APPLIED CHEMISTRY (Teacher Recommendation)' at the bottom. Three red arrows point upwards from this starting point to three separate options: 'WATERSHEDS', 'GEOLOGY', and 'ENV. SCI.'. Above these three options is the text 'CHEM. SEMINAR (senior only)', which is not directly connected to the arrows but represents a subsequent step in the pathway.



# Engineering Pathway

## ▶ 1<sup>st</sup> Course

### ▶ Introduction to Engineering Design

### ▶ No Prerequisites

- ▶ Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects like designing a new toy or improving an existing product.

## ▶ 2<sup>nd</sup> Course

### ▶ Principles of Engineering

### ▶ Prerequisite Introduction to Engineering Design

- ▶ Students explore a broad range of engineering topics including mechanisms, strength of structure and materials, and automation, and then they apply what they know to take on challenges like designing a self-powered car.

# Engineering Pathway Courses 3 & 4

- ▶ **Digital Electronics**
  - ▶ Prerequisites: Introduction to Engineering Design & Principles of Engineering
  - ▶ Students explore the foundations of computing by engaging in circuit design processes to create combinational logic and sequential logic (memory) as electrical engineers do in industry.
- ▶ **Aerospace Engineering**
  - ▶ Prerequisites: Introduction to Engineering Design & Principles of Engineering
  - ▶ Students explore the physics of flight and bring what they're learning to life through hands-on projects like designing a glider and creating a program for an autonomous space rover.

# Social Studies

# Social Studies Graduation Requirements

<b>Social Studies</b>	<b>4.0 Credits</b>
<b><u>Included in the 4.0 Students Must Have:</u></b>	
Modern European History/AP European History (9th)	1.0
United States History/AP United States History (10th)	1.0
Global Cultures and Issues/AP World/AP Human Geography (11th)	1.0
U.S. Government (12th)	.5
Elective (12th)	.5
(Students are required to complete 1 credit of Social Studies in their senior year including a ½ credit of American Government.)	

# Social Studies

## ▶ 9<sup>th</sup> Grade:

▶ College Preparatory European History

▶ Full Year

or

▶ Advanced Placement European History

▶ Full Year

▶ Extensive Independent Reading, Writing,  
and Analysis on Historic Topics

# Advanced Placement Program Recommendations (for all AP Social Studies Courses)

- ▶ Strong Reading Comprehension and Writing Skills
  - ▶ MAP Testing Recommendation
- ▶ College Level Reading
  - ▶ College Textbook
  - ▶ Primary Sources Analysis

# Social Studies

## ▶ 10<sup>th</sup> Grade

▶ College Preparatory United States History (1877-the Present)

▶ Full Year

or

▶ Advanced Placement United States History (1450-the Present)

▶ Full Year

*Both Courses are evaluated for points for Graduation by the State.*

## Social Studies

- ▶ **11<sup>th</sup> Grade (Non-Western History Requirement)**

- ▶ College Preparatory Global Cultures

- ▶ Full Year

or

- ▶ Advanced Placement World History

- ▶ Full Year

or

- ▶ Advanced Placement Human Geography

- ▶ Full Year



# Social Studies

- ▶ **12<sup>th</sup> Grade**

- ▶ College Preparatory United States Government  
and

- ▶ ½ Credit Social Studies Elective

- ▶ See the Following Slide

*American Government is evaluated for points for Graduation by the State.*

# Social Studies

- ▶ AP Electives: (11<sup>th</sup>-12<sup>th</sup>)  
(All courses are full year)
  - ▶ AP Psychology
  - ▶ AP Economics: Micro & Macro
  - ▶ AP World History
  - ▶ AP Human Geography
- ▶ AP Elective: (12<sup>th</sup> Grade Only)
  - ▶ AP U.S. Government  
(2<sup>nd</sup> Semester Only)
- ▶ College Preparatory  
(All courses are semester only)
  - ▶ Psychology
  - ▶ Economics
  - ▶ Leadership

# Special Area Electives

Art

Music

Theater

Applied Technology

Family and Consumer Science

Marketing

Health

Physical Education

# Fine Arts - Art

- ▶ Visual Fundamentals
- ▶ Studio Art: prerequisite- Visual Fundamentals
- ▶ Ceramics 1
- ▶ Ceramics 2: prerequisite- Ceramics I
- ▶ Photo 1
- ▶ Photo 2: prerequisite- Photo 1
- ▶ Layout & Design 1
- ▶ Layout & Design 2: prerequisite- L & D 1
- ▶ Intro to Art

# Fine Arts - Music

- ▶ Band
- ▶ Orchestra
- ▶ Women's Chorus
- ▶ Men's Chorus
- ▶ Band/Chorus
- ▶ Orchestra/Chorus

# Fine Arts - Theater

- ▶ Intro to Theatre/Theatre Arts I
  
- ▶ Acting 1/Theater Arts II

# Practical Arts - Applied Technology

▶ Video Technology 1

▶ Video Technology 2

# Practical Arts - Family and Consumer Science

- ▶ Gourmet Cuisine I
- ▶ Gourmet Cuisine II
- ▶ Financial Management



# Practical Arts - Marketing

- ▶ Business Foundations and Marketing Principles

# Health and Physical Education

- ▶ Health Education : Can be taken in the 9<sup>th</sup> or 10<sup>th</sup> grade
- ▶ Mind, Body, and Wellness: *prerequisite is Health Education*
  
- ▶ Physical Education Courses
  1. Fit For Life
  2. Aerobics, Dance, and Yoga
  3. Athletic Performance and Nutrition
  4. Sports and Recreation

# World Languages

# French

- ▶ **FRENCH I /2a**

- ▶ most students complete French in Middle School, but Level I is offered in the High School

- ▶ **FRENCH II** - (Freshman year for most)

- ▶ After completion of Level II, students have met the requirement for graduation from Indian Hill

- ▶ **FRENCH III** - (Sophomore year for most)

- ▶ **FRENCH IV** - (Junior year for most)

- ▶ **AP FRENCH LANGUAGE** - after French IV or approval of teacher

# Latin

Latin II

Latin I

Latin Ia / Latin IIa

Latin II

Latin III

Latin IV

Latin V AP



## ▶ Latin I

- ▶ *Prerequisite: None*
- ▶ The focus is on the Latin language, the parent of most modern European languages.
- ▶ Students learn and practice the majority of the material in class.

## ▶ Latin Ia and IIa

- ▶ *Prerequisite: None*
- ▶ A modified Latin curriculum designed to make the language accessible to students with various different learning styles.
- ▶ Students learn and practice the majority of concepts in class.

## ▶ Latin II

- ▶ *Prerequisite: Latin I or Latin 8 and teacher recommendation*
- ▶ Latin II at IHHS continues the curriculum from the middle school sequence as well as Latin I in the high school.
- ▶ Readings and the majority of practice work are done in class. This leaves studying vocabulary, reviewing class work, and preparing for quizzes as homework.

▶ **Latin III**

- ▶ *Prerequisite: Latin II and teacher recommendation*
- ▶ Students learn and practice the majority of material and skills in class

▶ **Latin IV**

- ▶ *Prerequisite: Latin III and teacher recommendation*
- ▶ This class will prepare students to take the AP Latin exam during their senior year.
- ▶ Increased expectation of study outside of class

▶ **Latin V/AP**

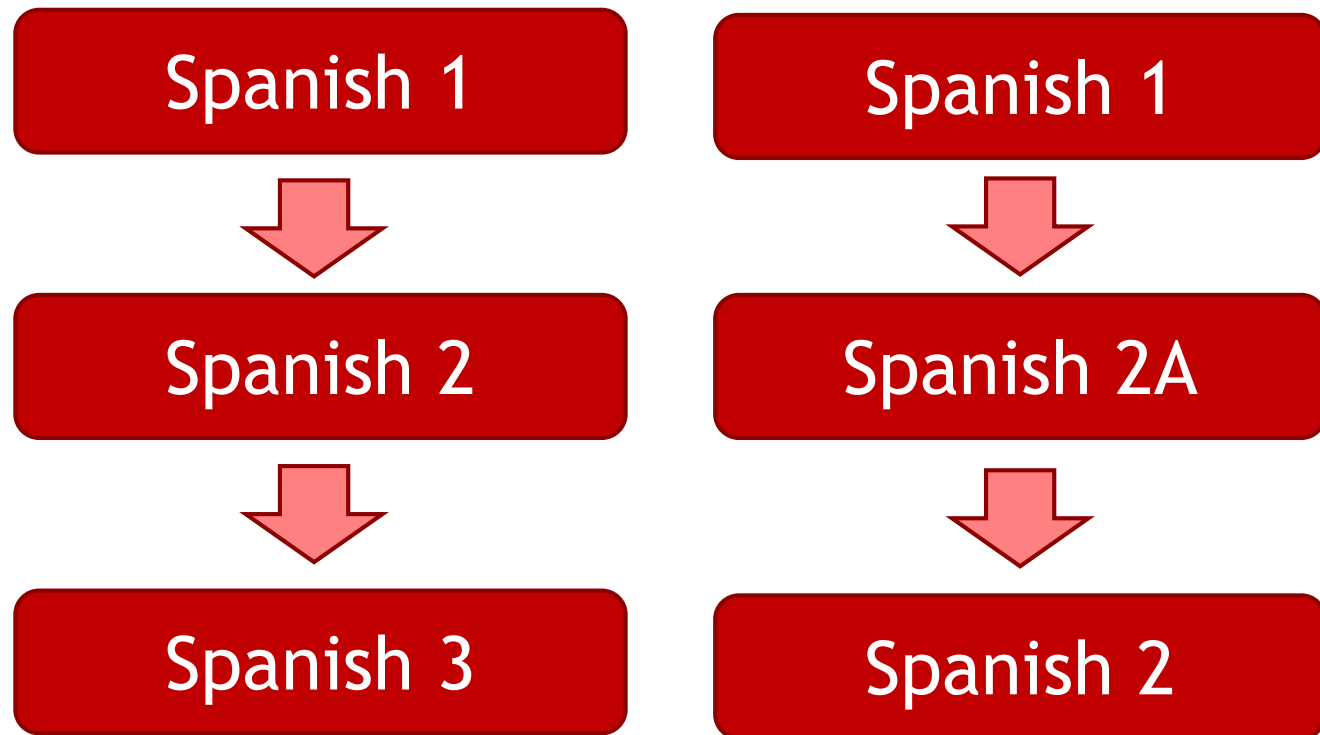
- ▶ *Prerequisite: Latin IV*
- ▶ Focused study of Virgil's *Aeneid* and Caesar's *de Bello Gallico*

# Mandarin

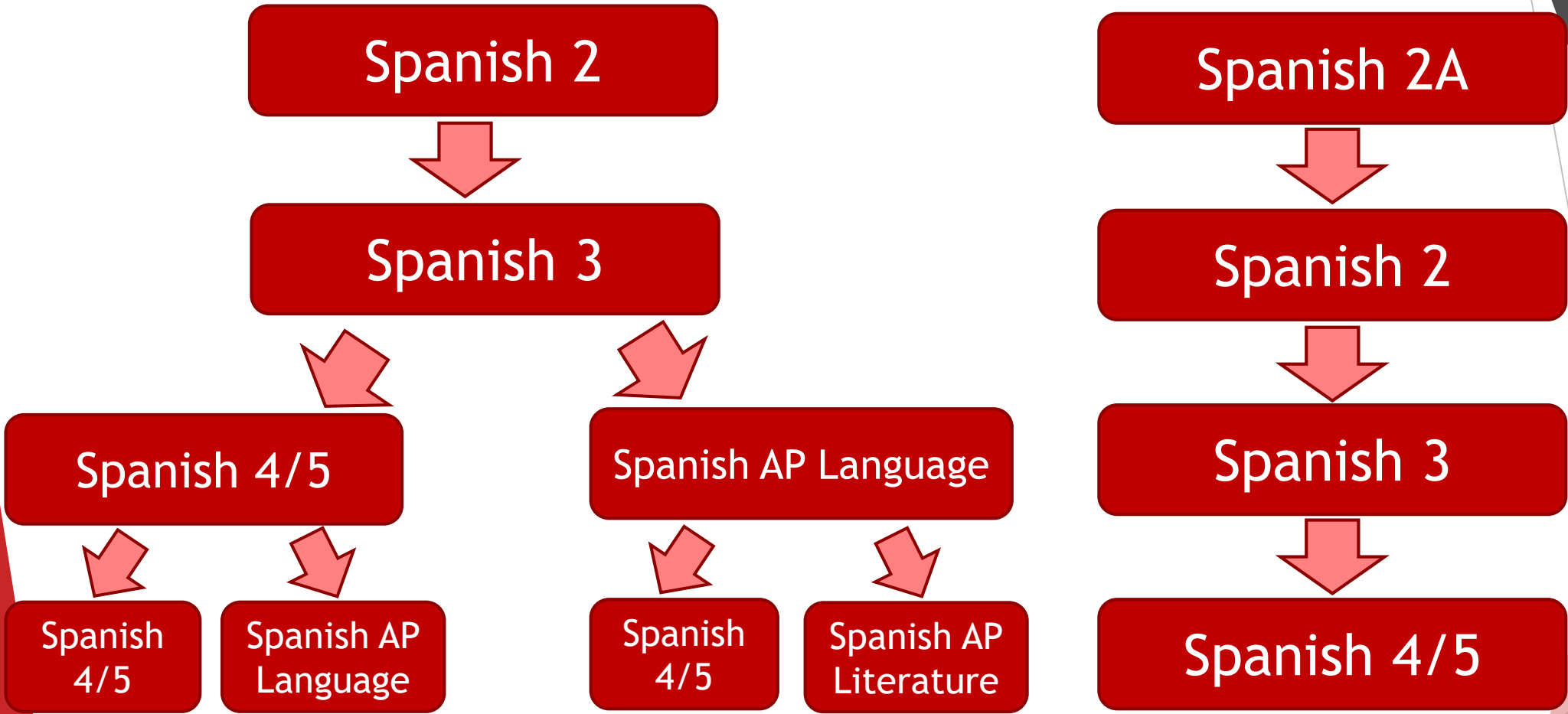
- ▶ Pending student interest, Mandarin I will be offered in the 2017-18 school year
  - ▶ Minimum 10 students in grades 9 and 10
  - ▶ Will provide a 3-year sequence of Mandarin I,II, III for this cohort
  - ▶ College Credit Plus a good alternative



# Spanish grades 8 - 10



# Spanish grades 9 - 12



▶ **Spanish I**

- ▶ Recommended if no prior exposure to Spanish language

▶ **Spanish II**

- ▶ *Prerequisite: Spanish I and teacher recommendation*
- ▶ Students Practice Reading, Writing, Listening, Speaking on a variety of themes including self, family relationships, technology and leisure activities. Grammar focus is on present and past tenses

▶ **Spanish III**

- ▶ *Prerequisite: Spanish II and teacher recommendation*
- ▶ Students Practice Reading, Writing, Listening, Speaking and Grammar focusing on a variety of themes including career planning, environmental conservation and global citizenship using multiple tenses and the subjunctive mood

▶ **Spanish IV/V**

- ▶ *Prerequisite: Spanish III and teacher recommendation*
- ▶ Students Practice Reading, Writing, Listening, Speaking using authentic resources from the Spanish speaking world. Grammar and structure skills are refined.

▶ **Spanish AP Language and Culture**

- ▶ *Prerequisite: Spanish 3 OR Spanish 4/5 and teacher recommendation*
- ▶ A college level class in which students focus on three modes of communication (interpersonal, interpretive and presentational) while exploring global and cultural themes

▶ **Spanish AP Literature and Culture**

- ▶ *Prerequisite: AP Spanish Language and teacher recommendation*
- ▶ A college level class in which students analyze the role of history and culture on the creation of literature from the Middle Ages to the present.

# Questions?

- ▶ Please leave the index cards with any questions and we will publish an FAQ
- ▶ If you have a specific question about your child, please provide your email address or contact your child's counselor directly