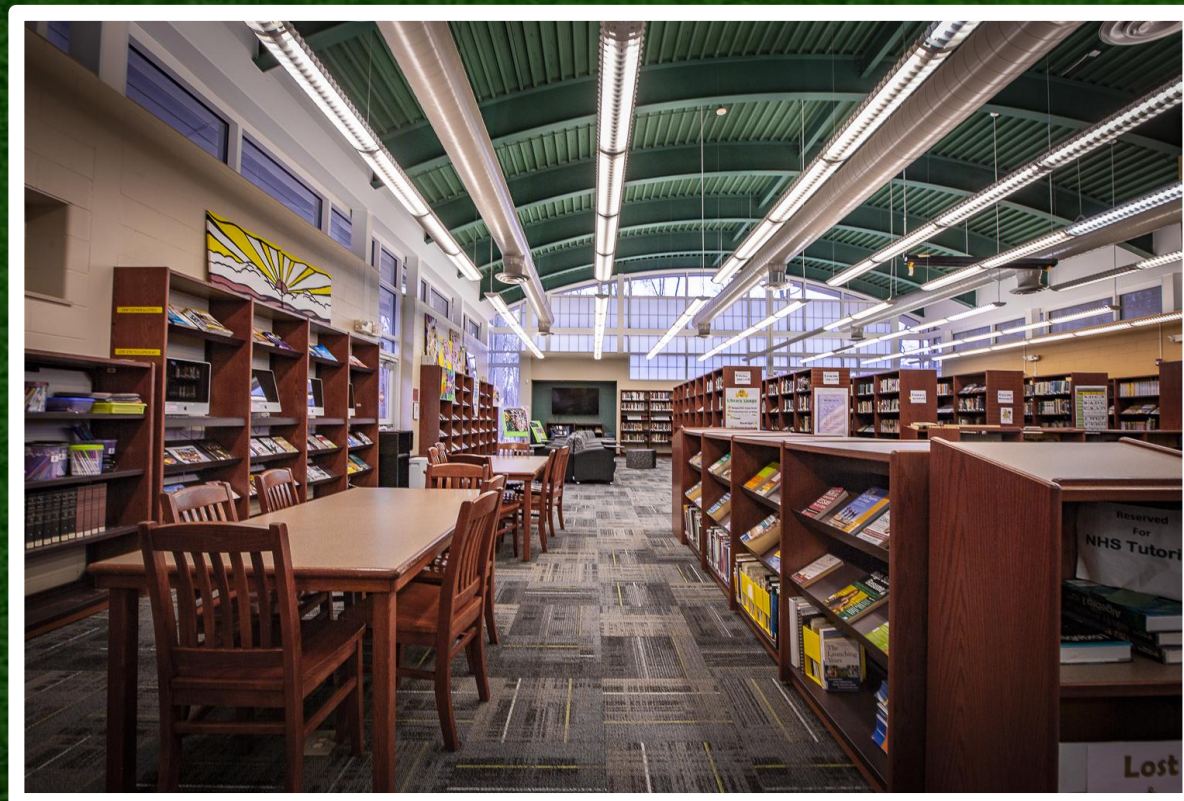
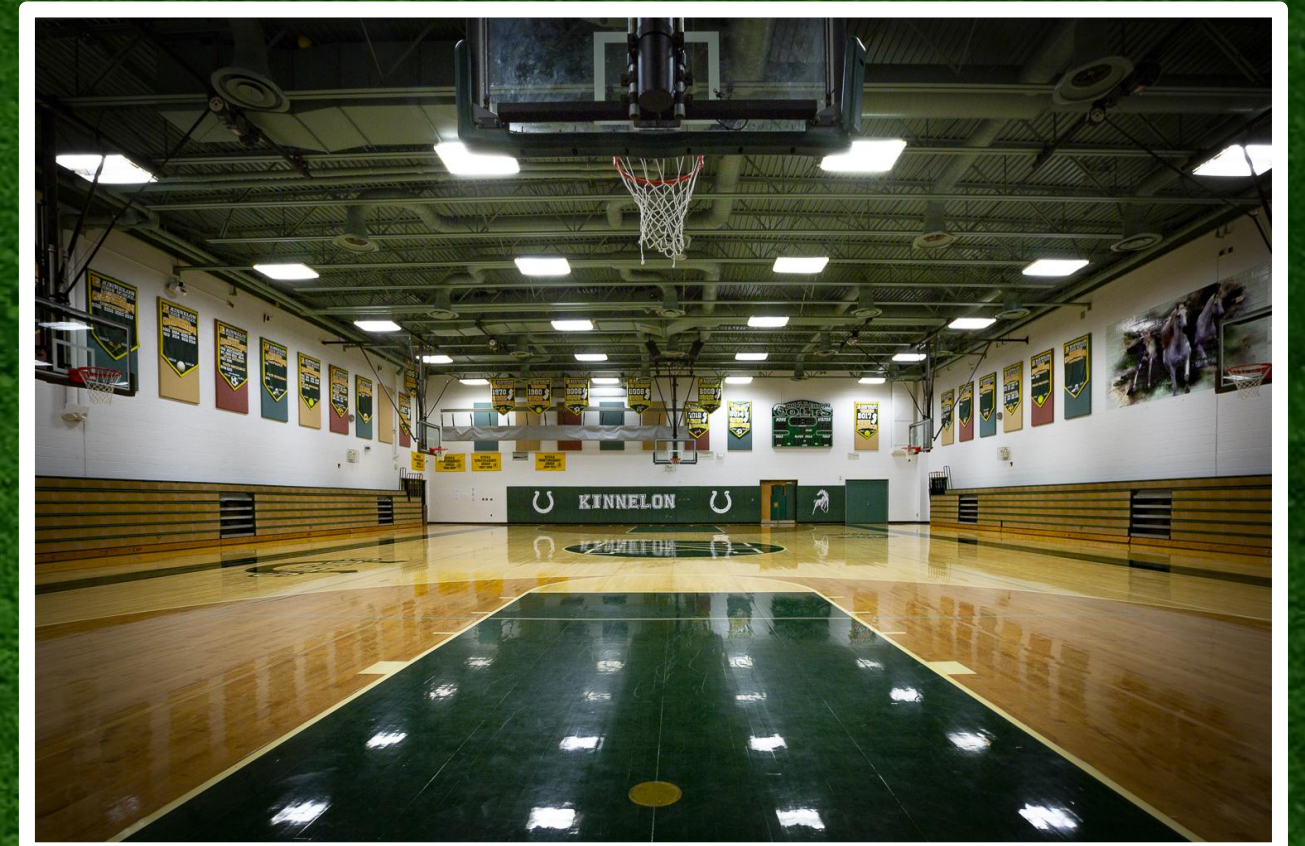


Kinnelon High School

Class of 2024

ORIENTATION



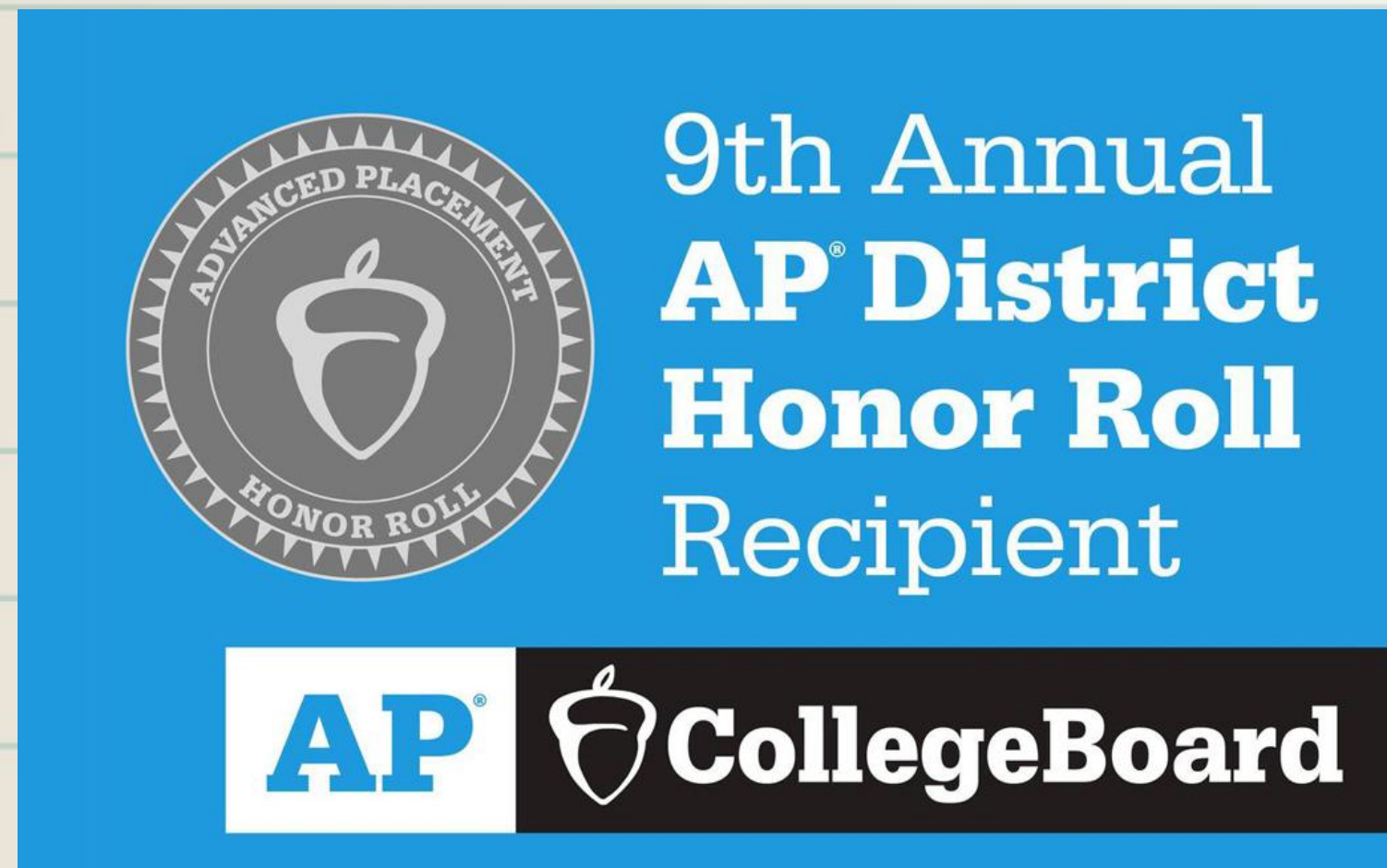
Expectations: The journey begins tonight...

- ***Achievements***
- ***Academics***
- ***Athletics***
- ***Co-Curricular***
- ***Community & Service***
- ***Social-Emotional Growth***



September will mark the beginning of our 720 school day, 4 year partnership

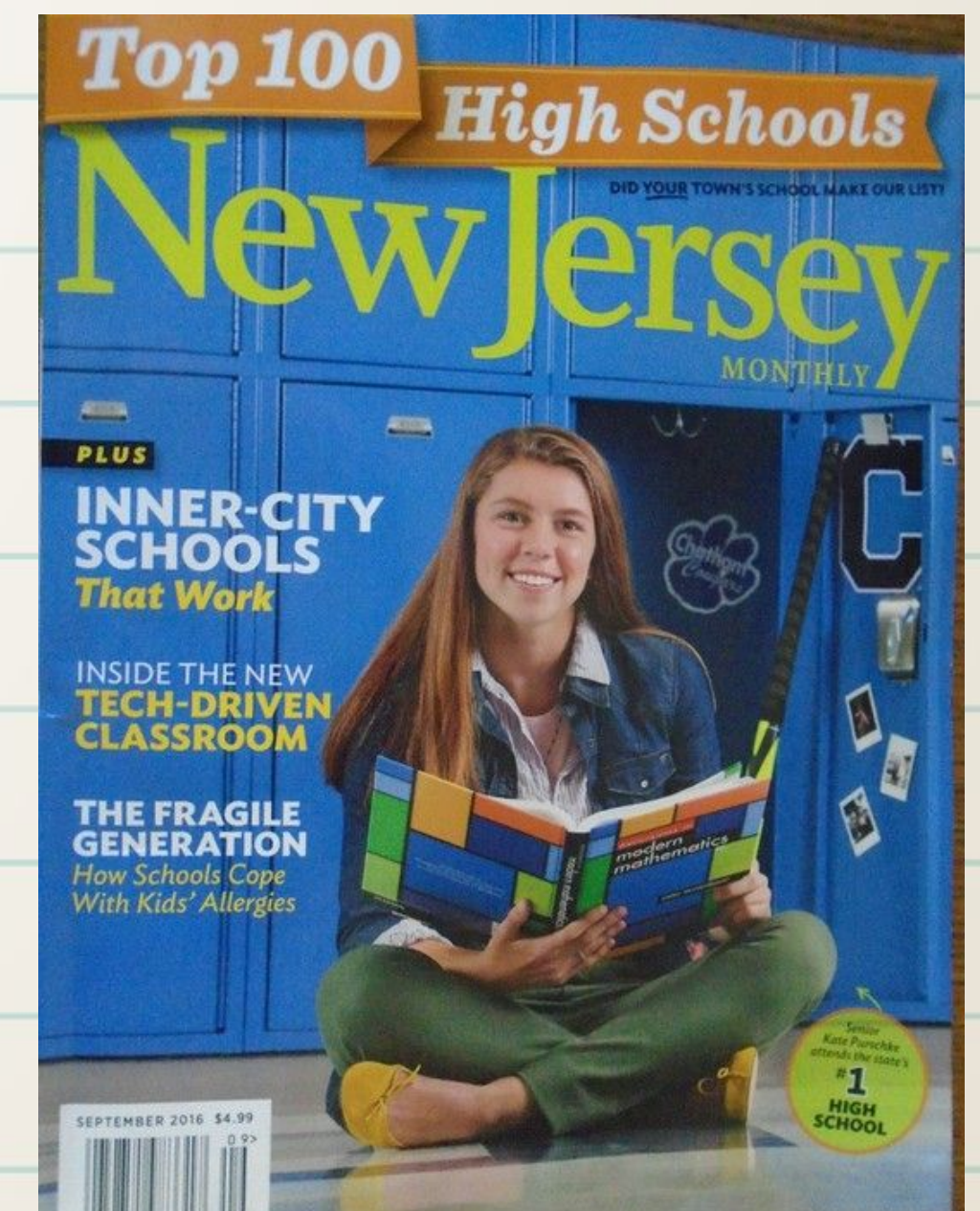
National & State Recognition



With this in



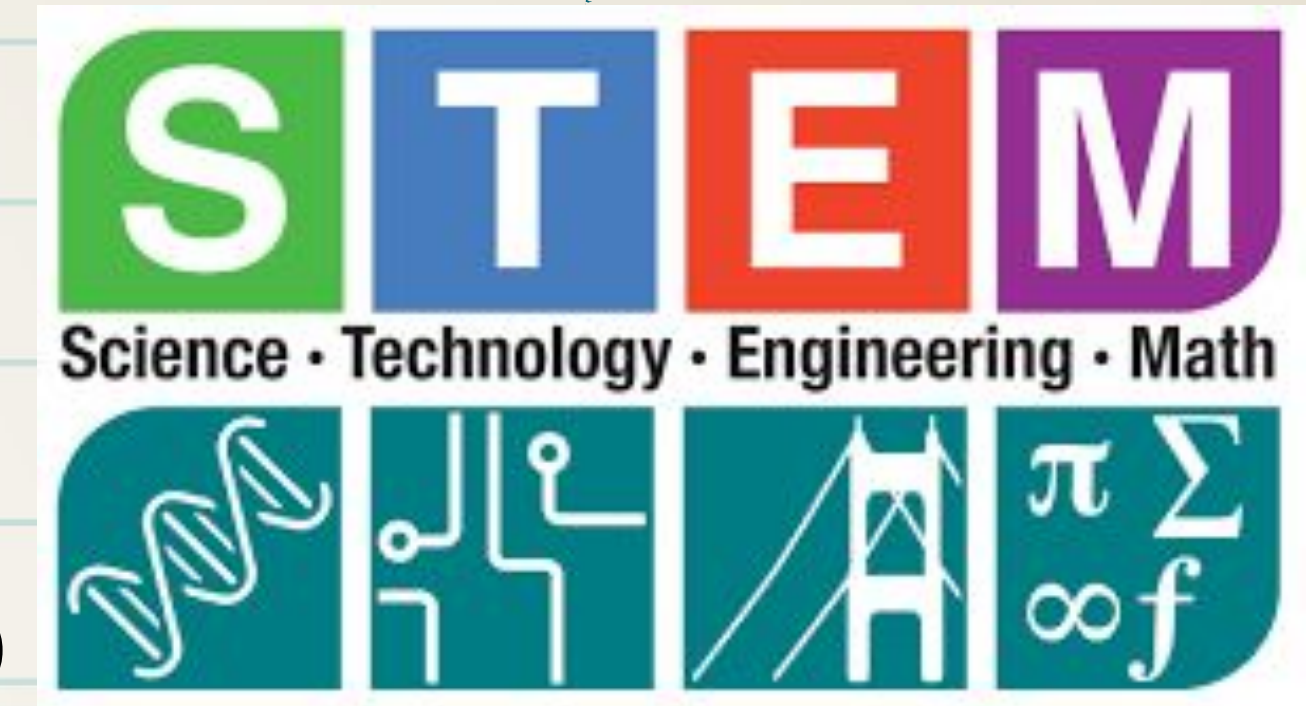
ment would.



Academic Preparation



- AP Computer Science Principles & Computer Science A
- AP Music Theory
- AP Physics, AP Calc AB/BC, AP Statistics
- AP Capstone Seminar & Research Certificate
- AP Capstone Diploma (Seminar, Research + 3 AP Exams)



STEM Programs (science, technology, engineering, math)

- Robotics, CADD Computer Aided Drafting & Design
- Engineering & Design
- 3D Computer Fabrication (plastic/ceramic)

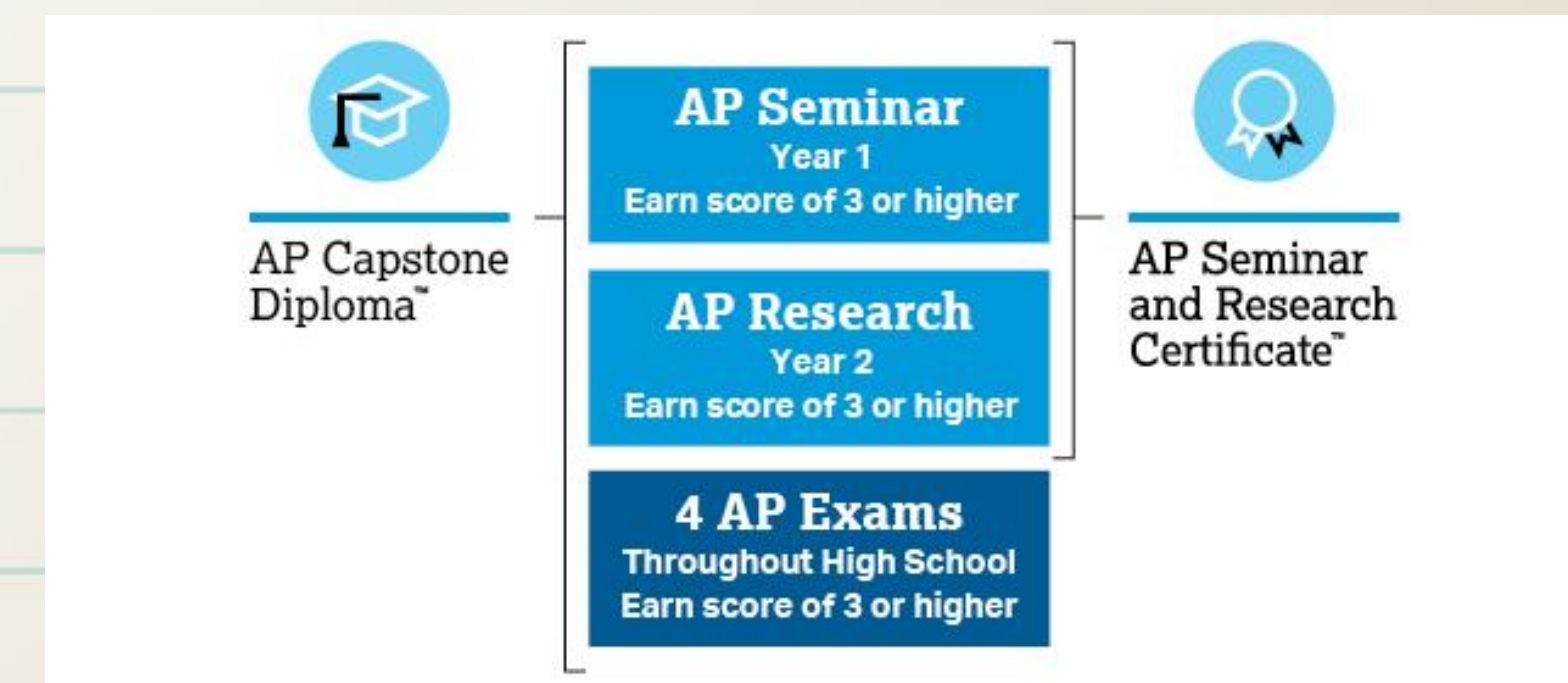


Special Education and Regular Education Integration

- Meeting Individual Needs

Dual Credit:

- Anatomy & Physiology 1 & 2 Rutgers
- Dynamics of Health Care - Rutgers
- Psychology- Syracuse University
- Science Research - SUNY Albany



Academic Achievement

- National Merit Commended Scholars



- National Merit Finalists

- Presidential Academic Scholars (41)

- Advanced Placement Scholars (11)

- Scholars with Honor and Distinction

- Scholars with Distinction

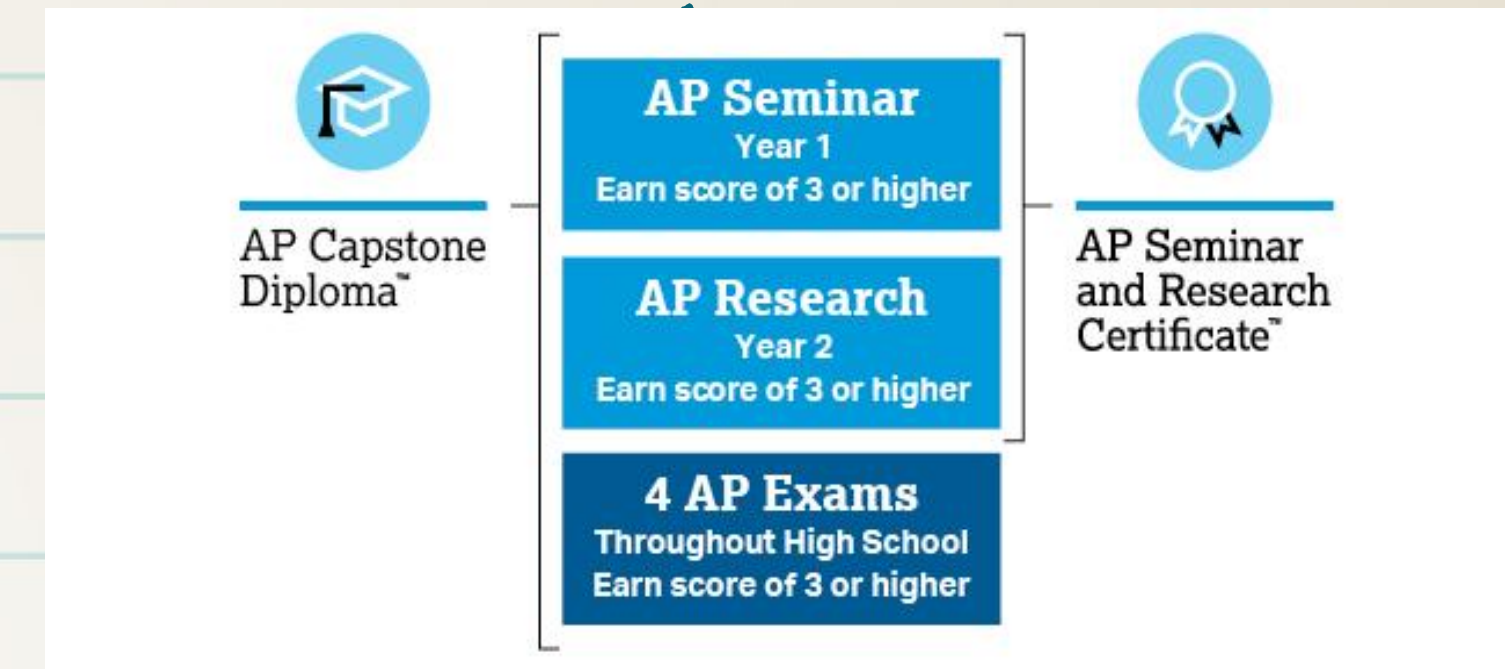
- Perfect SAT Scores

- Perfect ACT Score

- National Honor Society Members (54)

- 32 Advanced Placement Courses

- 413 AP Exams Taken: 80% Passing Rate



NJ Top Ten Projects

SERVICE

CLIMATE

SPIRIT

LEADERSHIP



STUDENT COUNCIL AWARDS

2020



2019



2018



2017



2016



Opportunities



Clubs & Activities

<input type="checkbox"/> Academic Decathlon	<input type="checkbox"/> Fall Drama	<input type="checkbox"/> Science Research/Barcode
<input type="checkbox"/> Animal Activist Club	<input type="checkbox"/> Future Business Leaders	<input type="checkbox"/> of Life
<input type="checkbox"/> Colt Chronicle	<input type="checkbox"/> of America (FBLA)	<input type="checkbox"/> Senior Service
<input type="checkbox"/> Newspaper	<input type="checkbox"/> Gaming Club	<input type="checkbox"/> Social Outreach/Interact
<input type="checkbox"/> Culinary Club	<input type="checkbox"/> Gay Straight Alliance (GSA)	<input type="checkbox"/> Club
<input type="checkbox"/> Debate Club	<input type="checkbox"/> Give Back Club	<input type="checkbox"/> Spring Musical
<input type="checkbox"/> Distributive	<input type="checkbox"/> Health Professions Club	<input type="checkbox"/> Student Council
<input type="checkbox"/> Education Club of	<input type="checkbox"/> Honor Band	<input type="checkbox"/> Technology Student
<input type="checkbox"/> America (DECA)	<input type="checkbox"/> Jazz Rock Ensemble	<input type="checkbox"/> Association
<input type="checkbox"/> Environmental Club	<input type="checkbox"/> Mock Trial	<input type="checkbox"/> Trust Club
<input type="checkbox"/> Feedback Literary	<input type="checkbox"/> Peer Leaders	<input type="checkbox"/> TV/Video Club
<input type="checkbox"/> Magazine	<input type="checkbox"/> Pep Band	<input type="checkbox"/> Varsity Club
<input type="checkbox"/> Fellowship of	<input type="checkbox"/> Percussion Ensemble	
<input type="checkbox"/> Christian Athletes	<input type="checkbox"/> Science Club	

Honor Societies

- ***Art Honor Society***
- ***National English Honor Society***
- ***French Honor Society***
- ***Latin Honor Society***
- ***Math Honor Society***
- ***National Business Honor Society***
- ***National Honor Society***
- ***Science National Honor Society***
- ***Social Studies Honor Society***
- ***Spanish Honor Society/Club***
- ***Tri-M Music Honor Society***

College & Career Ready 2024



PRINCETON
UNIVERSITY



RUTGERS
THE STATE UNIVERSITY
OF NEW JERSEY



MIAMI



Massachusetts Institute of Technology®

Carnegie
Mellon
University



Cornell University



COLUMBIA UNIVERSITY
IN THE CITY OF NEW YORK

The background is a light beige surface with horizontal blue lines, resembling a notebook page. It is decorated with various school supplies: a large yellow set square at the top left, a red ruler at the bottom left, a magnifying glass at the bottom right, and several colored pencils and crayons scattered around. Handwritten math formulas are also present: $xy = ab^2$ near the top left, $\sqrt{a+b}$ near the top center, 90° near the top left, $e = mc^2$ near the top right, a geometric diagram with labels 2 , 10 , 13 , and a near the center left, and a multiplication table $1 \times 1 = 1$, $1 \times 2 = 2$, $1 \times 3 = 3$, $1 \times 4 = 4$ near the bottom left.

1. Move Up Day - Tuesday, June 9

**2. KHS 9th Grade & New Student
Optional Orientation - August 26**

Mr. Scott Rosenberg

Athletics

Assistant Principal/Athletic Director

Fall Season	Winter Season	Spring Season
Boys Cross Country Girls Cross Country Cheerleading Football Boys Soccer Girls Soccer Girls Tennis Girls Volleyball	Boys Basketball Girls Basketball Boys Indoor Track Girls Indoor Track Fencing Ice Hockey Boys Swimming Girls Swimming Wrestling	Baseball Golf Boys Lacrosse Girls Lacrosse Boys Outdoor Track Girls Outdoor Track Softball Boys Tennis

Achievement

Conference Championships

State Sectional Championships

College Athletics

Mr. Vincent Shivas

Policies & Procedures

Assistant Principal

➤ **Safety & Security**

➤ **Student Handbook**

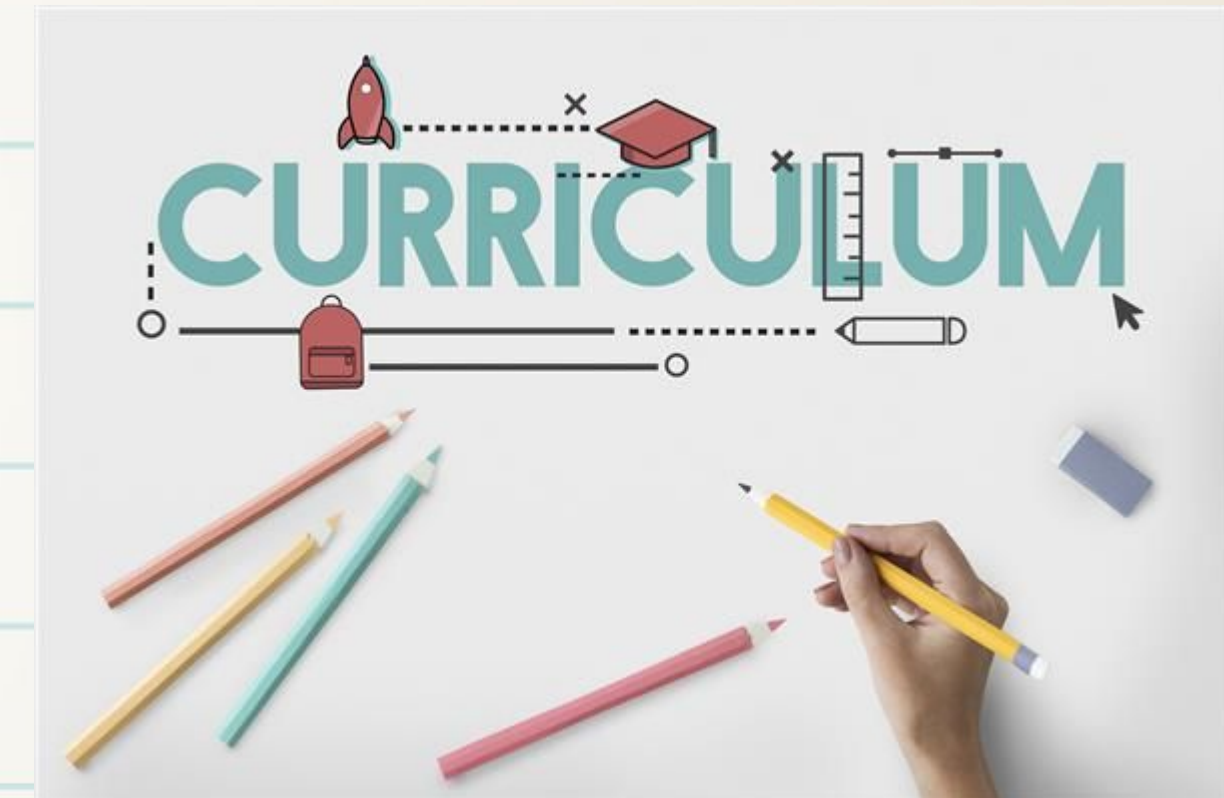
Curriculum Department

Director of Curriculum, Instruction, Assessment

❖ Ivonne Ciresi

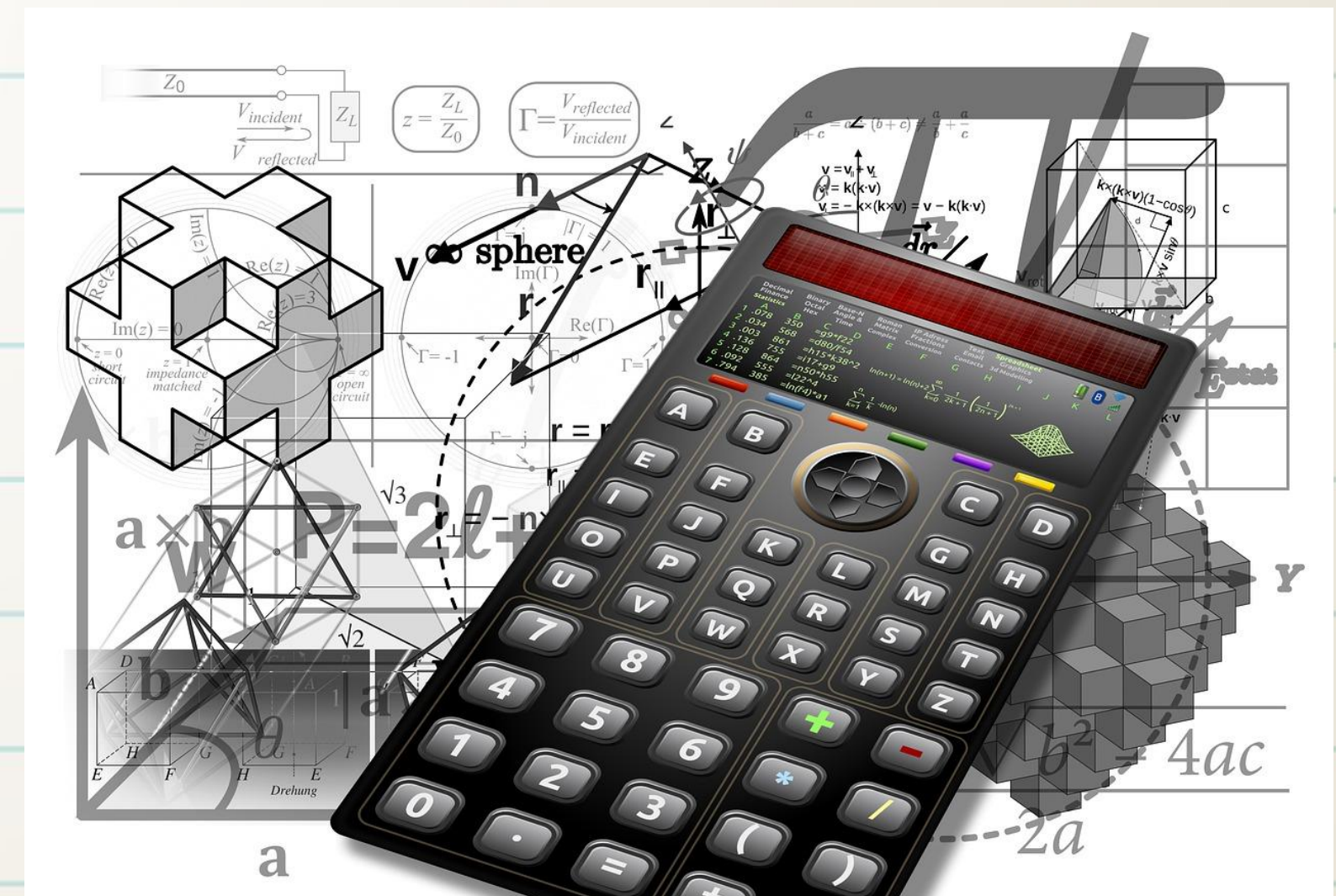
K-12 Content Area Supervisors

- ❖ Trina Moschella, *Mathematics*
- ❖ Denise Velez, *English Language Arts*
- ❖ Madelaine Travaille, *Science*



High School Math Classes

- ★ **Focus on the rigor of the NJSLS - Math Content and Practice Standards**
- ★ **Evoke an intellectual curiosity about the study of mathematics**
- ★ **Foster conceptual understanding, procedural fluency and ability to apply mathematics in other disciplines**
- ★ **Produce confident, flexible thinkers and problem solvers**
- ★ **Technology Integration**
 - **Graphing Calculators (TI-84)**
 - **Desmos and other online resources**
 - **Chromebooks**



Mathematics Course Sequence

Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
Algebra 1	Geometry H	Algebra 2 / Trigonometry H	Introduction to Calculus BC H	AP Calculus BC
			PreCalculus H	AP Calculus AB, Calculus H or AP Statistics
	Geometry CP	Algebra 2 / Trigonometry CP	PreCalculus CP	Calculus H* or Electives
Pre-Algebra 8	Algebra 1 CP	Geometry CP	Algebra 2 / Trigonometry CP	PreCalculus CP or Electives
		Geometry CP Core	Algebra 2 / Trigonometry CP Core	Senior Math Analysis CP Core

Math Electives

- **Computer Programming I / II**
- **Statistics/Discrete Math CP**
- **SAT / ACT Prep**
- **AP Computer Science Principles** (*Open to incoming 9th grade students*)
- **AP Computer Science A**
- **AP Statistics**
- **AP Calculus AB**
- **AP Calculus BC**



Additional Math Information

Math Lunch Lab

- Optional support facilitated by a KHS Math teacher

Guided Study Math

- Support in basic skills & Core math course

Math Honor Society - Mu Alpha Theta

Contact: Trina Moschella - moschellat@kinnelon.org

The High School English Classroom

- **Focus on NJSLS for content and skills**
- **Pique student interest to balance literary classics with interest based choice**
- **Probe student curiosity & encourage authentic research**
- **Refine writing skills to meet 21st century communication demands**

Traditional English Course Sequence

Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
English 8			English III	English IV
	English I	English II	English III H	English IV H
	English IH	English II H	AP Language & Composition	AP Literature & Composition

English Electives

- Journalism I (Grades 9-12)
- Journalism II (Grades 10-12)
- Journalism III (**new 2020**, Grades 11-12)
- Creative Writing CP (Grades 10-12)
- Advanced Creative Writing (Grades 11-12)
- SAT/ACT Verbal/Math (Grades 10-12)
- Humanities H (Grades 11-12)
- Literature and Psychology CP (Grades 11-12)

Additional English Information

English Lunch Lab

- Optional support facilitated by a KHS English teacher

Guided Study English

- General Education English Course
- Support in basic skills & core ELA class

English Honor Society

Feedback Club: Literary Arts Club & Magazine

Colt Chronicle (School Newspaper) www.coltchronicle.org



Contact: Denise Velez, velezd@kinnelon.org

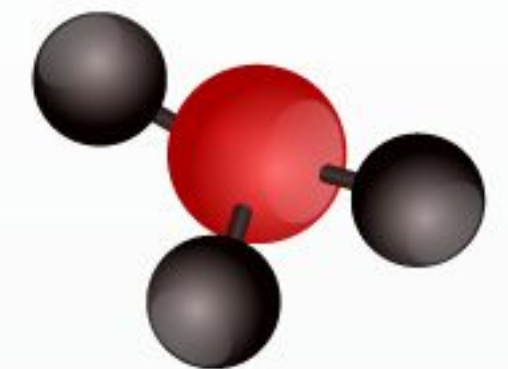
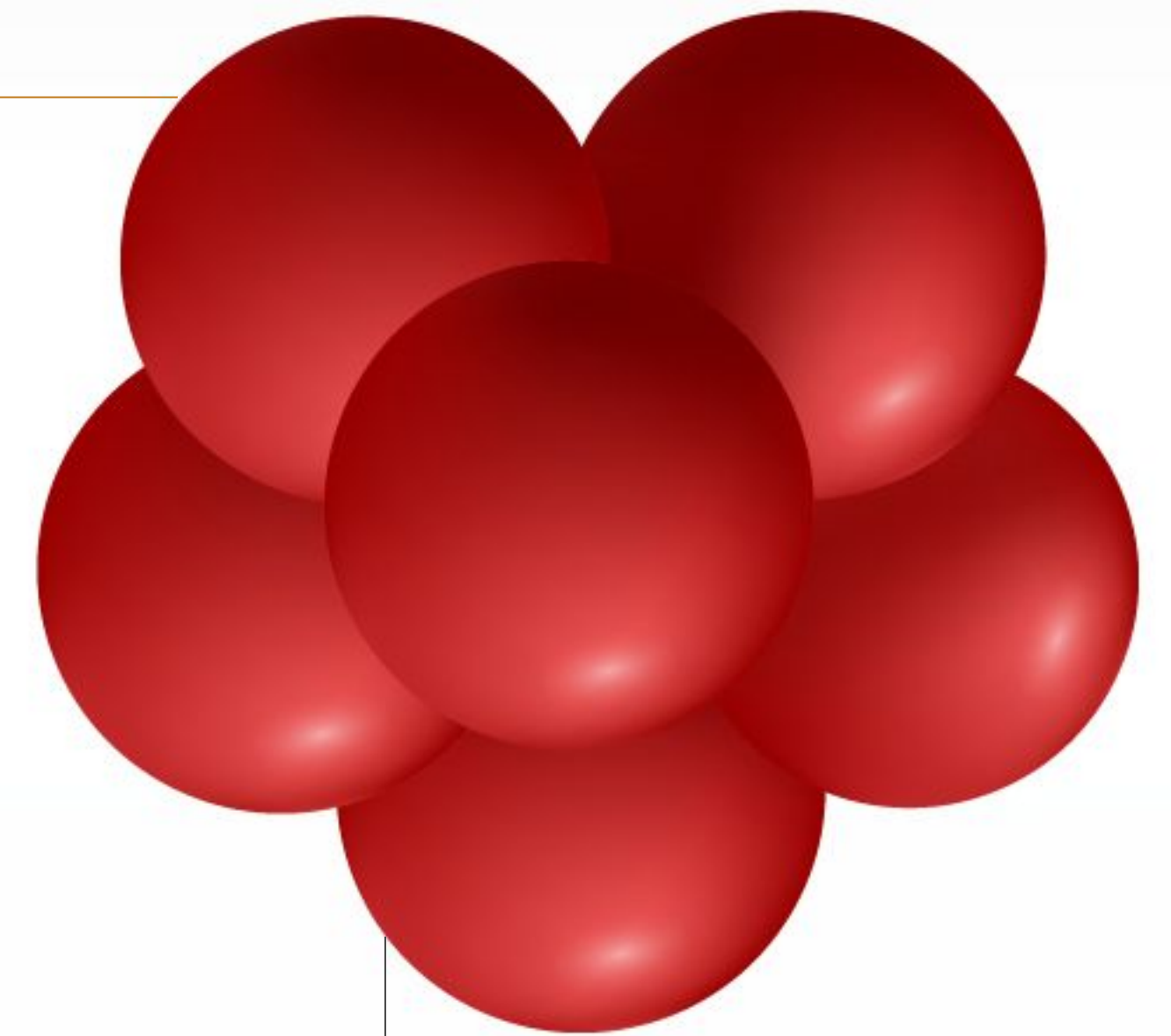
A glowing blue DNA double helix structure is the central focus, spiraling from the top left towards the bottom right. The helix is composed of numerous small, bright blue dots connected by thin, glowing lines, giving it a particle-like or digital appearance. The background is a deep, dark blue, punctuated by several bright, ethereal light rays that fan out from behind the helix, creating a sense of depth and energy. The overall aesthetic is futuristic and scientific.

Science

Modern Science Education

Science, engineering, and technology permeate nearly every facet of modern life and hold the key to solving many of humanity's most pressing current and future challenges.

Kinnelon science curricula is focused on the NJSLS Science Standards developed as a result of *A Framework for K-12 Science Education and the Next Generation Science Standards*.

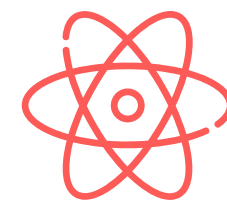




Enduring Benefits of Science Education

Critical Thinking

Science enhances critical thinking



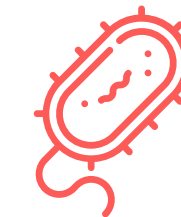
Passion

Science cultivates a passion for learning



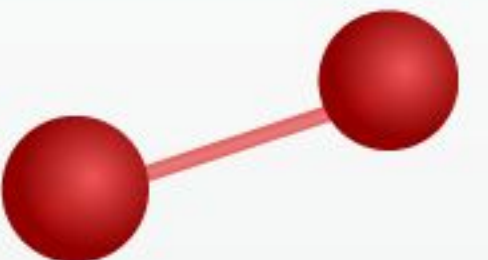
Universal

Science uplifts many disciplines



Opens Doors

Science holds the key to the future/ career opportunities

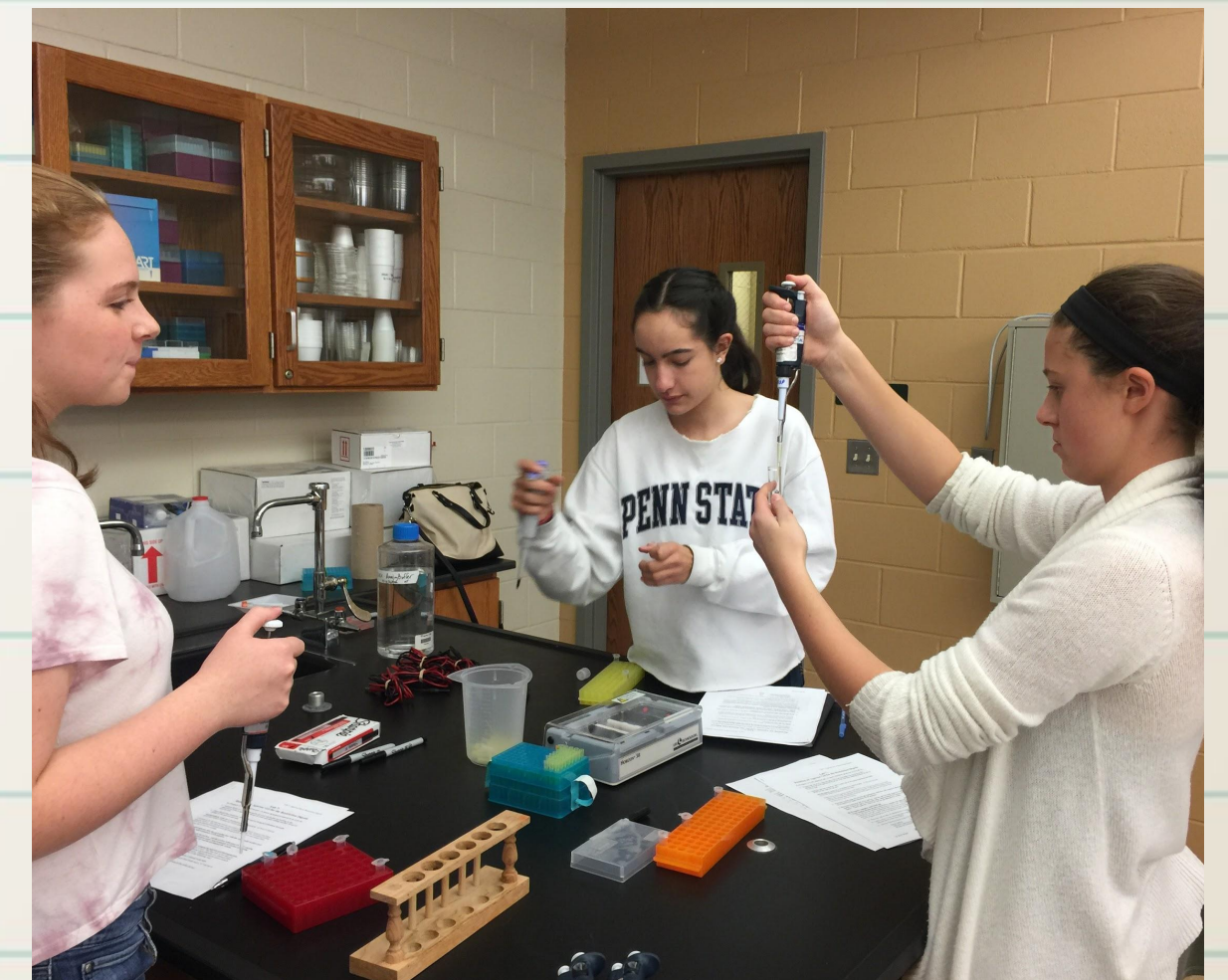
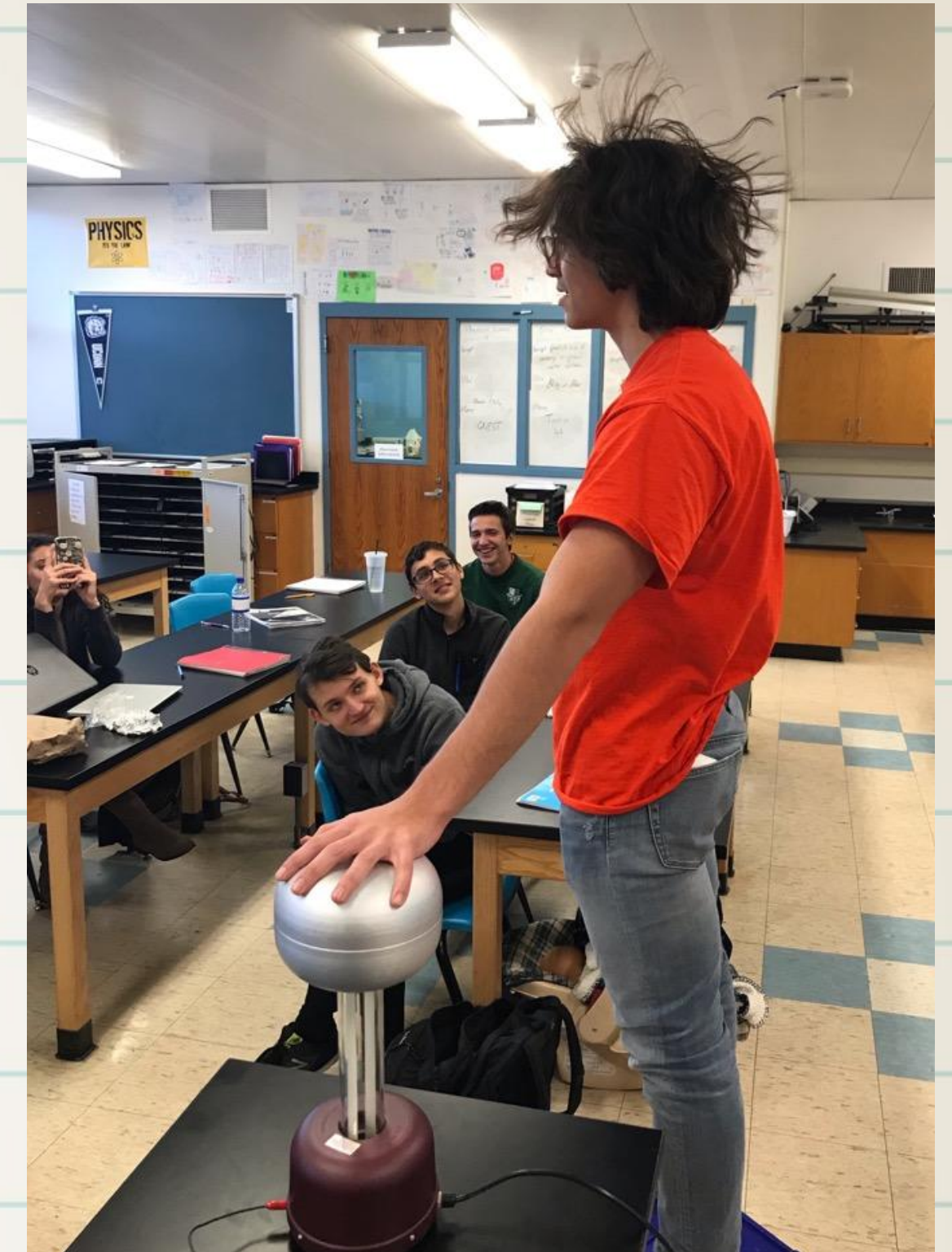


Traditional Science Course Sequence

<i>Grade 9</i>	<i>Grade 10</i>	<i>Grade 11</i>	<i>Grade 12</i>
Biology H	Chemistry H	AP Physics I	AP Physics II AP Physics C AP Biology
	AP Biology	AP Biology AP Chemistry AP Env. Science	AP Chemistry AP Env. Science Science Elective
Biology CP	Physical Science CP Chemistry CP	Env. Science CP Physics CP	Science Elective Env. Science CP

Next Generation Science at KHS

- **Collaboration with Universities and Institutes**
 - **Rutgers University**
 - **Waksman Institute**
 - **School of Health Professions**
 - **Coastal Marine Biolabs/Barcode of Life**
 - **Education Development Center**
 - **GLOBE**
 - **Picatinny Arsenal/US Army**
 - **Liberty Science Center, and more**



Science Clubs and Activities at KHS

- Science National Honor Society (11/12)
- Science Research Club
 - Waksman Student Scholars Program (Rutgers University)
 - Barcoding Life's Matrix (Coastal Marine Biolabs/Barcode of Life)
- Health Professions Club
 - Students chapter of HOSA-Future Health Professionals
- Environmental Club
- STEM Night Outreach

Elective courses in the Science Department

- **Human Anatomy and Physiology (credit bearing-Rutgers University)**
- **Dynamics in Healthcare (credit bearing-Rutgers University)**
- **Science Technology and Society**
- **Forensic Science**
- **Sports Medicine**
- **Science Research**
 - **Introductory**
 - **Intermediate(credit bearing-SUNY-Albany)**
 - **Advanced (credit bearing-SUNY-Albany)**



GOAL OF SOCIAL STUDIES CURRICULUM

Through the study of history and historical events, students develop an understanding of American democracy, citizenship and global society.



SOCIAL STUDIES

(NOTE: TENTATIVE SEQUENCING)

GRADE 9 - UNITED STATES HISTORY

(CP or Honors levels)

GRADE 10 - UNITED STATES HISTORY

(CP, Honors, and AP - Grade 11)

GRADE 11 - WORLD HISTORY

(CP or Honors levels)

SEVERAL TOPICAL ELECTIVE OPTIONS FOR 11TH + 12TH

GRADERS INCLUDING

AP LEVEL COURSES

SOCIAL STUDIES ELECTIVES

- **AP European History**
- **AP U.S. Government and Politics**
- **Economics**
- **Ethics**
- **Sociology**
- **Psychology-Foundations of Human Behavior (*partnered with Syracuse University*)**

WORLD LANGUAGES

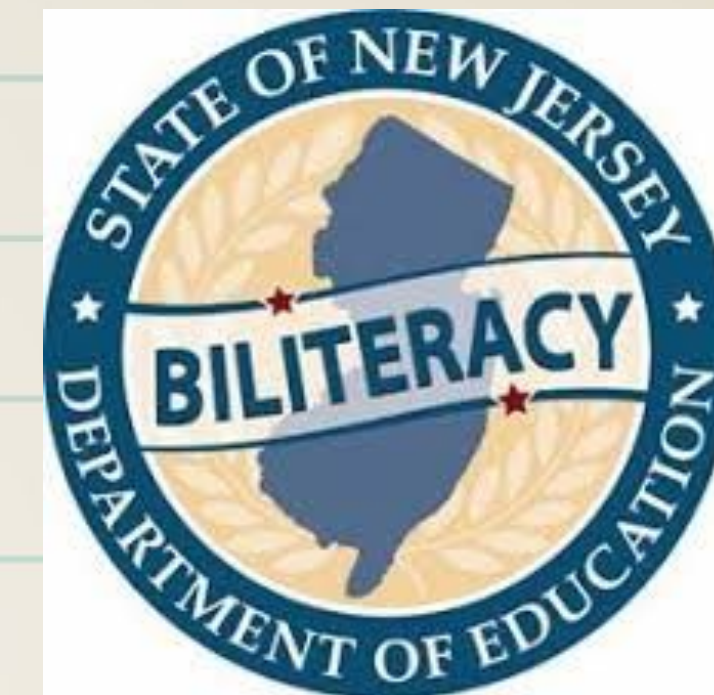


FRENCH
LATIN
SPANISH





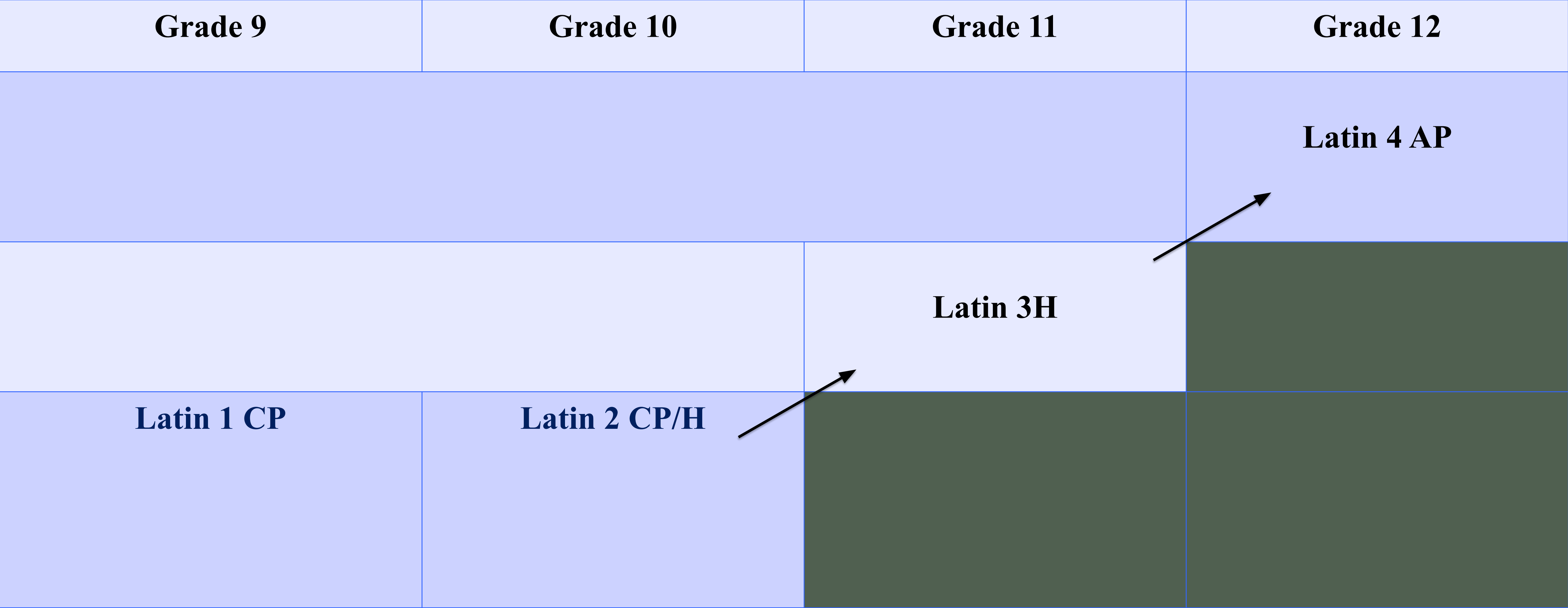
GOAL OF WORLD LANGUAGE CURRICULUM



Kinnelon High School students are part of a dynamic, interconnected, and technologically driven global society centered on the creation and communication of knowledge and ideas across geographical, cultural, and linguistic borders.

Traditional Course Sequence- Latin

Grade 9	Grade 10	Grade 11	Grade 12
			Latin 4 AP
		Latin 3H	
Latin 1 CP	Latin 2 CP/H		



The diagram illustrates the traditional Latin course sequence across four grades. The courses are arranged in a grid where each grade's course is in a separate cell. Arrows indicate the progression from Grade 9 to Grade 10, Grade 10 to Grade 11, and Grade 11 to Grade 12.

- Grade 9: Latin 1 CP
- Grade 10: Latin 2 CP/H
- Grade 11: Latin 3H
- Grade 12: Latin 4 AP

Traditional Course Sequence- Spanish

Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
<i>PRM Spanish Levels 1-3</i>				
	Spanish 2 H	Spanish 3 H	Spanish 4 H	Spanish 5 AP
	Spanish 2 CP	Spanish 3 CP	Spanish 4 CP	Spanish 5 CP
<i>Did not complete PRM Spanish Levels 1-3</i>	Spanish 1 CP	Spanish 2 CP	Spanish 3 CP	Spanish 4 CP

Traditional Course Sequence- French

Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
<i>PRM French Levels 1-3</i>				
	French 2 Honors	French 3 Honors	French 4 Honors	French 5 AP
	French 2 CP	French 3 CP		
<i>Did not complete PRM French Levels 1-3</i>	French 1 CP	French 2 CP	French 3 CP	

```
graph LR; G8[Grade 8] --> G9[Grade 9]; G9 --> G10[Grade 10]; G10 --> G11[Grade 11]; G11 --> G12[Grade 12]; PRM[PRM French Levels 1-3] --> F2H[French 2 Honors]; PRM --> F3H[French 3 Honors]; PRM --> F4H[French 4 Honors]; PRM --> F5AP[French 5 AP]; F2H --> F3H; F3H --> F4H; F4H --> F5AP; F2CP[French 2 CP] --> F3CP[French 3 CP]; F1CP[French 1 CP] --> F2CP; F2CP --> F3CP; F3CP --> F4H; F3CP --> F5AP;
```


***COUNSELOR
BREAK OUT SESSIONS***



***WELCOME TO
KINNELON HIGH SCHOOL***