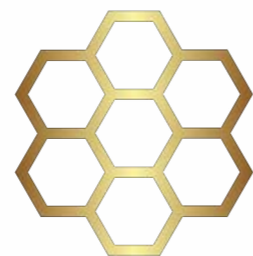




High School Pathways



THE HIVE ACADEMY
THRIVE & STRIVE

Grade 9 Freshman



THE HIVE ACADEMY

THRIVE & STRIVE

01 What Matters in Grade 9

A new pace

The most important thing in your freshman year is to adapt to the new pace of being in high school. The content is more advanced, and you are expected to take thorough notes which will be the basis of your revision materials. Make sure to revise your notes after each class. Keep up to date with deadlines. Ask if you don't understand.

Manage your time

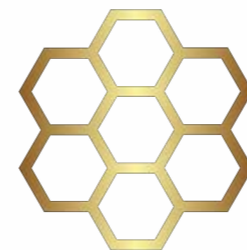
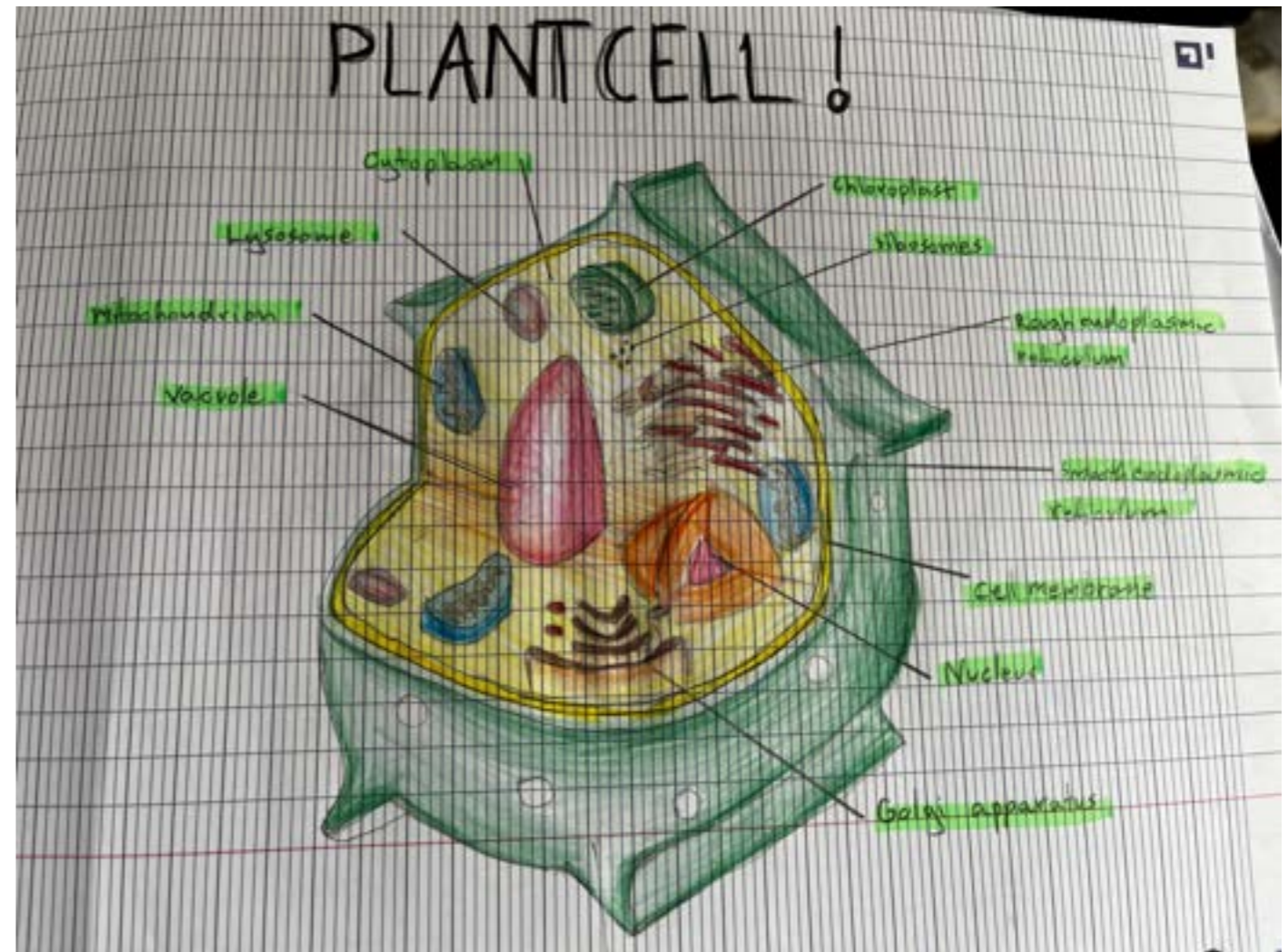
Get organised

Be kind

Be open to trying new things

Discover yourself

Engage!



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THRIVE & STRIVE

Grade 9 Courses

English Courses:

Grade 9 - Pre-AP English 1

- Prerequisites: None
- Content: Pre-AP English 1 focuses on reading, writing, and language skills that are relevant to students' current work and essential for students' future to future high school and college coursework.

Skills:

- **Reading closely:** Students read closely and analyze a range of complex literary and informational texts.
- **Valuing evidence:** Students evaluate textual evidence and incorporate it effectively in writing and speaking.
- **Noticing language choices:** Students understand how writers and speakers use specific words and sentences to move the thoughts, emotions, and actions of readers and listeners.
- More information <https://pre-ap.collegeboard.org/courses/course-descriptions/english-1>

Science courses:

Grade 9 - Pre-AP Biology (all students)

- Prerequisites: none.
- Content: Basic biological principles in ecology, evolution, cell systems, and genetics.
- Skills: Real-world data analysis, problem solving, modeling, and scientific reasoning.
- More information: <https://pre-ap.collegeboard.org/courses/course-descriptions/biology>

Math Courses:

Grade 9 - Pre-AP Algebra I (all students)

- Prerequisites: none.
- Content: Algebraic concepts including equations, functions, and inequalities.
- Skills: Mathematical argumentation, analytical reasoning, modeling real world scenarios with functions, and problem-solving.
- More information: <https://pre-ap.collegeboard.org/courses/course-descriptions/algebra-1>

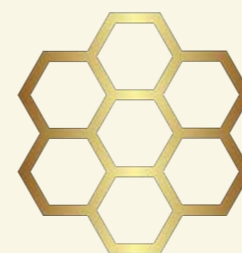
Social Studies Courses

Grade 9 - European History

- Content : Mid 15th century to 21st century.
Renaissance to the Cold War.
- Skills: Historical thinking, reasoning, contextualising and argumentation

French Courses

French 9 or Français 9



THE HIVE ACADEMY
T H R I V E & S T R I V E

Grade 10 Sophomore



THE HIVE ACADEMY

THRIVE & STRIVE

A new pace

As a sophomore, you are in a regular way of working. You keep up to date with your work and hand it in on time. You read regularly and respect deadlines. You are paving your future.

Dig deeper

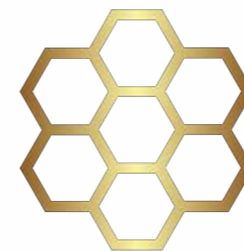
Set your goals and work towards them

Prioritise

Take initiative

Be proactive

Sophomore



THE HIVE ACADEMY
THRIVE & STRIVE

Grade 10 Courses

English Courses:

Grade 10 - Pre-AP English 2

Prerequisites: Pre-AP English 1 or equivalent

- Content: As readers, students become aware of how poets, playwrights, novelists, and writers of nonfiction manipulate language to serve their purposes. As writers, students compose more nuanced analytical essays while never losing sight of craft and cohesion.

Skills:

- **Reading closely:** Students read closely and analyze a range of complex literary and informational texts.
- **Valuing evidence:** Students evaluate textual evidence and incorporate it effectively in writing and speaking.
- **Noticing language choices:** Students understand how writers and speakers use specific words and sentences to move the thoughts, emotions, and actions of readers and listeners.
- More information <https://pre-ap.collegeboard.org/courses/course-descriptions/english-2>

Science courses:

Grade 10 - Pre-AP Chemistry (all students)

- Prerequisites: successful completion of G9 Pre-AP Biology.
- Content: Fundamental chemistry concepts such as atomic structure, chemical reactions, stoichiometry, and chemical transformations.
- Skills: conceptual understanding of matter and energy, problem-solving, modeling, and scientific reasoning.
- More information: <https://pre-ap.collegeboard.org/courses/course-descriptions/chemistry>

Math Courses:

Grade 10 - Pre-AP Geometry & Statistics (all students)- Prerequisites:

Successful completion of G9 Pre-AP Algebra I

- Content: Geometric concepts and an introduction to statistics.
- Skills: Spatial reasoning, data analysis, mathematical argumentation, and problem-solving.
- More information: <https://pre-ap.collegeboard.org/courses/course-descriptions/geometry>

Social Studies Courses

Grade 10 Pre-AP World History and Geography

Prerequisites:none

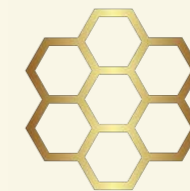
-Content :1450 to present day, Columbian exchange, Atlantic slavery, industrial revolution and World War 1.

Skills: Evaluating and incorporating data, explaining historical and geographical relationships, observation and analysis, higher order questioning,

-More information: <https://pre-ap.collegeboard.org/courses/course-descriptions/world-history-geography>

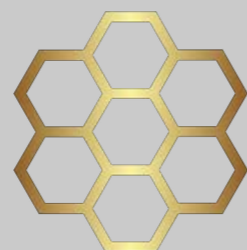
French Courses

French 10 / Français 10



THE HIVE ACADEMY
THRIVE & STRIVE

Grade 11 Junior



THE HIVE ACADEMY

THRIVE & STRIVE

Goal in sight

As a junior, you are preparing for SATs, APs and you are already thinking about what you want to do after you graduate. Your curiosity for learning is clear and your academic integrity is beyond reproach.

Demonstrate your drive

Build on your strengths

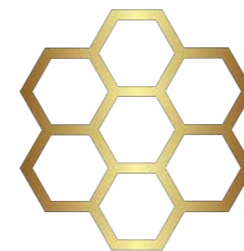
Expand your skills

Know your areas for development
and do something about them

Take action

Be ready to help and to be helped

Junior



THE HIVE ACADEMY
THRIVE & STRIVE

Grade 11 Courses

English Courses:

AP English Language and Composition or US Literature Honours

- Prerequisites: None Students should be able to read and comprehend college-level texts and write grammatically correct, complete sentences.
- Content: reading and analysing nonfiction works from various periods and write essays with different aims: for example, to explain an idea, argue a point, or persuade a reader of something.
- Skills: Reading closely, analysing, and interpreting a piece of writing, evaluating a source of information, gathering and consolidating information from different sources, writing an evidence-based argument, drafting and revising a piece of writing

More information <https://apstudents.collegeboard.org/courses/ap-english-language-and-composition/assessment>

Math Courses:

2 math courses options

1. Pre-AP Algebra II

- Prerequisites: Successful completion of G9 Pre-AP Algebra I
- Content: Advanced algebraic concepts and functions.
- Skills: Enhanced algebraic and problem-solving skills, quantitative literacy, and mathematical modeling.
- More information: <https://pre-ap.collegeboard.org/courses/course-descriptions/algebra-2>

Or 2. AP Precalculus

- Prerequisites: At least B grades in Pre-AP Algebra I and Pre-AP Geometry & Statistics
- Content: Functions, polynomials, and trigonometry, preparing for calculus.

- Skills: Advanced mathematical reasoning, problem-solving, translating mathematical information between representations, and communicating with precise language.

- More information: <https://apstudents.collegeboard.org/courses/ap-precalculus>

Social Studies Courses

Grade 11 AP World History

Study the cultural, economic, political, and social developments that have shaped the world from c. 1200 CE to the present. You'll analyze texts, visual sources, and other historical evidence and write essays expressing historical arguments.

<https://apcentral.collegeboard.org/courses/ap-world-history>

or AP European History

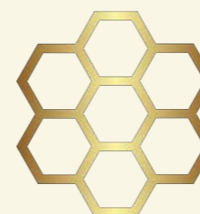
Study the cultural, economic, political, and social developments that have shaped Europe from c. 1450 to the present. You'll analyze texts, visual sources, and other historical evidence and write essays expressing historical arguments.

<https://apcentral.collegeboard.org/courses/ap-european-history>

French

AP French

According to level French 11 / Français 11



THE HIVE ACADEMY
THRIVE & STRIVE

Grade 11 Courses

Science courses:

Grade 11: 4 science courses to choose from

- All students must choose at least 1 science option in grade 11.
- Students can take up to 3 science courses in grade 11 concomitantly, timetable permitting, along with the credits that each course gives.

1. AP Biology

- Prerequisites: At least B grades in Pre-AP Biology, Pre-AP Chemistry, and Pre-AP geometry & statistics.
- Content: Advanced biological principles, theories, and processes that govern biological systems from the molecular to the ecosystem levels.
- Skills: Inquiry-based learning and experimentation, analysing and interpreting data, developing and supporting a scientific claim with evidence.
- More information: <https://apstudents.collegeboard.org/courses/ap-biology>

2. AP Environmental Science / Environmental Science

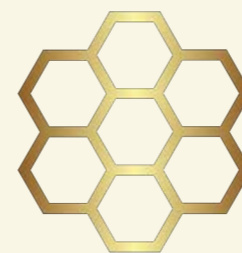
- Prerequisites: At least B grades in Pre-AP Biology, Pre-AP Chemistry, and Pre-AP Algebra I.
- Content: Environmental issues, ecological concepts, and human impacts on Earth systems.
- Skills: Explaining environmental concepts and processes, analysing research studies, data, visual representations, and writings, and applying quantitative methods in solving problems.
- More information: <https://apstudents.collegeboard.org/courses/ap-environmental-science>

3. AP Psychology

- Prerequisites: None
- Content: Psychological concepts and methodologies, studying behaviour and mental processes from a variety of perspectives.
- Skills: Understanding of theories and applications in psychology, analysing research studies, and data interpretation.
- More information: <https://apstudents.collegeboard.org/courses/ap-psychology>

4. AP Computer Science Principles

- Prerequisites: none
- Content and Skills: Learn the principles that underlie the science of computing and develop the thinking skills that computer scientists use. You'll work on your own and as part of a team to creatively address real-world issues using the tools and processes of computation.
- More information: <https://apstudents.collegeboard.org/courses/ap-computer-science-principles>



THE HIVE ACADEMY
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Grade 10 Pre-AP World History and Geography

Grade 12 Senior



THE HIVE ACADEMY

THRIVE & STRIVE

Eyes on the Prize

As a senior, you are preparing for life beyond school, applying for university and/ or work. You set the example for the other students to follow. You contribute in positive way to the leadership of the school

Build your brand

Be a team player

Lead

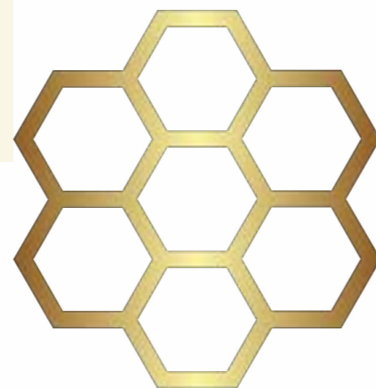
Set the example for other to aspire to

Show the best of yourself

Think for yourself; act with others in mind

Make your family, your school and yourself proud

Senior



THE HIVE ACADEMY

T H R I V E & S T R I V E

Grade 12 Courses

English Courses:

Grade 12 - 2 English options

AP English Literature and Composition or British Literature Honors

- Prerequisites: Students should show an interest and proficiency in reading and comprehending college-level texts and be able to write grammatically correct, complete sentences.
- Content: understanding and evaluating works of fiction, poetry, and drama from various periods and cultures, reading literary works and writing essays to explain and support analysis of them.
- Skills: Read a text closely and draw conclusions from details, identify the techniques used by an author and their effects, develop an interpretation of a text, present an interpretation of a text and make an argument for it in writing.

More information <https://apstudents.collegeboard.org/courses/ap-english-literature-and-composition>

Math Courses:

1. AP Calculus AB

- Prerequisites: At least a B grade in AP Precalculus (or a 3 at the AP exam).
- Content: Limits, derivatives, integrals, and the Fundamental Theorem of Calculus.
- Skills: Deep understanding of calculus principles and applications, connecting representations, justifying reasoning and solutions, and using correct notation, language, and mathematical conventions to communicate results or solutions.
- More information: <https://apstudents.collegeboard.org/courses/ap-calculus-ab>

2. AP Statistics/ Statistics (not all students take the AP exam,

but all students not doing AP Calculus will take statistics).

- Prerequisites: None
- Content: Collecting, analysing, and interpreting data, probability, and inferential statistics.
- Skills: Statistical reasoning, selecting methods for collecting and analysing data, and data-driven decision-making.
 - More information: <https://apstudents.collegeboard.org/courses/ap-statistics>

Social Studies Courses:

Grade 12 US History

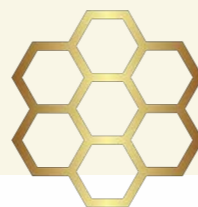
Study the cultural, economic, political, and social developments that have shaped the United States from c. 1491 to the present. You'll analyze texts, visual sources, and other historical evidence and write essays expressing historical arguments.

- More information <https://apstudents.collegeboard.org/courses/ap-united-states-history>

AP Comparative Government and Politics

Examine the political institutions and processes of six different countries—China, Iran, Mexico, Nigeria, Russia, and the United Kingdom—and compare the ways they address problems. You'll analyze data and readings to draw conclusions about political systems.

- More information <https://apstudents.collegeboard.org/courses/ap-comparative-government-and-politics>



Grade 12 Courses

Science courses:

Grade 12: 4 science courses to choose from

- Students need 3 high school science credits to graduate. If they have those 3 credits, they do not have to take a science option in grade 12.
- AP Psychology and AP Computer Science, being one semester courses, will each give half a credit each.
- Students can take up to 3 science courses in grade 12 concomitantly, timetable permitting, along with the credits that each course gives.

1. AP Chemistry

- Prerequisites: At least B grades in Pre-AP Chemistry and in Pre-AP Algebra II/AP Pre-calculus
- Content: Advanced chemical principles, structure and states of matter, intermolecular forces, reactions, and thermodynamics.
- Skills: Deep understanding of chemistry concepts, designing experiments, laboratory techniques, and creating graphs and models.
- More information: <https://apstudents.collegeboard.org/courses/ap-chemistry>

2. AP Physics 1: Algebra-Based

- Prerequisites: At least B+ grades in Pre-AP Algebra II/AP Pre-calculus
- Content: Mechanics, including motion, forces, energy, momentum, gravitation.
- Skills: Conceptual understanding of physics, using mathematics to solve science problems, interpreting models, and making connections between scientific concepts, laws, theories and explanations.
- More information: <https://apstudents.collegeboard.org/courses/ap-physics-1-algebra-based>

3. AP Psychology

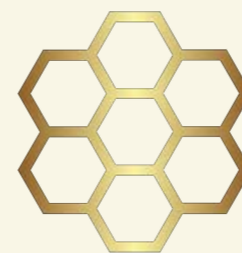
- Prerequisites: None
- Content: Psychological concepts and methodologies, studying behaviour and mental processes from a variety of perspectives.
- Skills: Understanding of theories and applications in psychology, analysing research studies, and data interpretation.
- More information: <https://apstudents.collegeboard.org/courses/ap-psychology>

4. AP Computer Science Principles

- Prerequisites:
- Content and Skills: Learn the principles that underlie the science of computing and develop the thinking skills that computer scientists use. You'll work on your own and as part of a team to creatively address real-world issues using the tools and processes of computation.
- More information: <https://apstudents.collegeboard.org/courses/ap-computer-science-principles>

French Courses:

AP French or French 12 / Français 12 according to level



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Grade	Percentage	Standard Course GPA Points	Honors Course GPA Points	AP® Course GPA Points
A+	97-100	4.0	4.8	5.3
A	93-96.9	4.0	4.5	5.0
A-	90-92.9	3.7	4.2	4.7
B+	87-89.9	3.3	3.5	4.0
B	83-86.9	3.0	3.5	4.0
B-	80-82.9	2.7	3.2	3.7
C+	77-79.9	2.3	2.8	3.3
C	73-76.9	2.0	2.5	3.0
C-	70-72.9	1.7	2.2	2.7
D+	67-69.9	1.3	2.2	2.7
D	63-66.9	1.0	1.8	2.3
D-	60-62.9	0.7	1.8	2.3
F+	57-59.9	0	0	0.8
F	53-56.9	0	0	0.5
F-	50-52.9	0	0	0.2

12 Our Core Values



Curiosity



Integrity



Respect



Perseverance



Positivity



Kindness



Courage



Collaboration



Engagement



Hard work