### Allatoona High School AP Leadership

Have questions about AP? Contact andrea.stumpf@cobbk12.org, Jennifer.dorrough@cobbk12.org, or Jason.faklaris@cobbk12.org. You may contact your Allatoona High School counselors, as well.

# Do I Really Need AP Classes?

### What does the College Board Say?

### Stand out in College Admissions

"Deciding to take an AP course lets colleges and universities know that you have what it takes to succeed in an undergraduate environment. When admissions officers see "AP" on your transcript, they know that what you experienced in a particular class has prepared you well for the challenges of college. Taking AP is a sign that you're up for the most rigorous classes your high school has to offer." - College Board-2018

# What Is an AP Score and What Does It Mean?

"Your AP score shows how well you did on the AP Exam. It's also a measure of your achievement in your college-level AP course. This score will be used by colleges and universities to determine if they will grant you credit for what you've already learned, or allow you to skip the equivalent course once you get to college (this is known as advanced placement).

In most cases, your score is a weighted combination of your scores on the multiple-choice section and on the free-response section. Some AP courses, including AP Computer Science Principles, AP Research, AP Seminar, and AP Studio Art, include through-course

performance tasks, either in place of or in addition to multiple-choice or free-response questions.

<u>Qualified</u> means that you have proven yourself capable of doing the work of an introductorylevel course in a particular subject at college.

Many colleges and universities grant credit and placement for scores of 3, 4 or 5; however, each college decides which scores it will accept."

Want to find out what score you will need to exexempt a course at the college level? Well, check out the following link:

https://apstudent.

collegeboard.org/ creditandplacement/ search-credit-policies

### Allatoona High School—AP Leadership 2019

Did you know that at the University of Georgia, you can exempt Human Geography 1101 if you get a 3 or higher on your AP exam?

# How is my exam scored?

5 = extremely well qualified

4 = well qualified

3 = qualified

2 = possibly qualified

1 = no recommendation

AP Leadership would like to point out the College Board website. If you have never been to this site, it can give you critical information about tests, test dates, and even some practice materials.



dent.collegeboard.org

## Advice from AP Leadership

AP Leadership students are always here to help you at Allatoona High School. When asked what they wish they had known as 9th grade students, here is what they said:

- "My teachers are approachable and they are there to help you. They offer many forms of tutor-
- ing and remediation, should you need it."
- "Pirkle's class was the best AP class ever, and I wish I could be back in it. Enjoy the time you have with him because he is such a good teacher."
- The courses aren't really as hard as people say they are as long as you putting in the time and effort,"
- "The classroom environment is just better in AP classes. You are treated as a mature adult."

### AP Human Geography - 9<sup>th</sup> Grade

### TOP THREE BENEFITS:

- Students will come out of this class prepared for more rigorous coursework in high school and college.
- 2. Challenges students to become critical thinkers.
- 3. Provides understanding of current world events.

### PIRKLE NATION!

# HOW IS AP HUMAN FORMATTED?

The class is a mixture of lecture and discussion with student directed learning activities. Students should be spending at least 2+ hours total every week on homework, depending on their depth of understanding/knowledge.



- AC level courses in middle school
- SRI scores 1100+
- Signed up for Honors Lit or any other Honors courses.
- AP Human shouldn't be your only upper level course

# DO YOU EXPECT STUDENTS TO TAKE THE AP EXAM?

A large percentage is expected to take the exam because the entire course is teaching you what will be on the exam so you can be prepared for it. It is almost all students first AP course and they should get the full experience to see if they want to continue taking AP classes. Plus, if you get any grade above a 3 on the exam, it counts as college credit!

# WHAT MAJORS IN COLLEGE DOES THIS COURSE HELP PREPARE ME FOR?

Anything in the fields of Geography, Geopolitics, Economics, GIS, Field and Demographic Survey and a lot more.

# AP World History10<sup>TH</sup> GRADE (WHAP)

# TOP THREE BENEFITS OF TAKING THIS COURSE

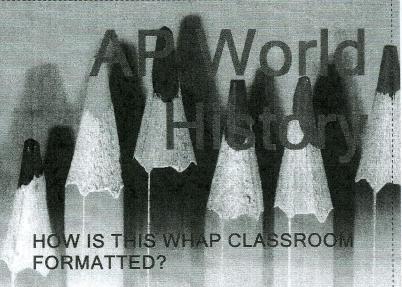
- Students can develop time management and study skills
- Students can have preparation for a real college experience
- Students can mprove critical thinking skills by developing different perspectives

### Pre-Requisites for the Course

If a student decides to take AP World History, commonly referred to by students as WHAP, it would be beneficial if the student has taken AP Human Geography, or any AP course for that matter, to be familiar with the workload and rigorous pace of the course.

# HOW CAN THIS COURSE PREPARE ME FOR COLLEGE?

AP World History will count as a history requirement known as "Liberal Arts and Science" that most everyone in a four-year college will have to take.



AP World History is a combination of traditional lectures for the class curriculum, at home studies, and supplemental reading. In addition to the benefit of group-chat discussions, independent reading and reviewing, students should not only be following along during class, but they should also take time at home to review and revise their skills.

Students taking this course are strongly suggested to take the AP Exam. If you are challenging yourself with the work, the exam will show if you really conquered the challenge. Along with the possibility of saving money on college tuition, the effort you put forth in mastery for this class can help you receive college credit.

October 28, 2019

# Pre-Requisites for the Course

- Students need a solid wok ethic.
- \* Algebra and Geometry credit is required.
- \* Be prepared for a nontraditional math class; there is no solving of equations, instead, we understand how numbers/ graphs work.

### **AP Statistics- Grades 10-12th**

"Do you ever wonder how products/businesses make certain claims and if they are true or not?' Come into AP Statistics and you will learn the process of making and testing claims. We will use videos, activities and projects to learn how our world works."

### Top Three Benefits of Taking This Course

Students learn how testing claims made by designers/products occurs.

Students gain a better understanding of probability and how it applies to situations outside the classroom.

How can this course help me prepare for college or my college major?

A variety of majors can benefit from taking AP Statistics and not all affected majors have to be math related. Anyone who takes AP Statistics will benefit from the class, having the upper hand compared to other candidates. You will walk out of class with an understanding of how the world works in a variety of ways.

### How is the AP Statistics classroom formatted?

This class is a mixture of lecture, discovery, independent study and a variety of classroom activities. The majority of the work load is during the class time, completed through classwork practice. Students should plan to allocate around 45– one hour daily time for homework.

"I expect the students to take the AP test. Most colleges will accept a 3 or higher in statistics, and why not get college credit for your hard work in this class?"

-David Eeles



### AP LANGUAGE -11TH GRADE

"You don't walk in an AP student. You walk out an AP student."

## Pre-Requisites for the Course

- Honors 9th and Honors 10th grade is recommended.
- •An 88% or higher average in those courses
- •A desire to be in the course, a strong work ethic, a love for reading and writing

# Top Three Benefits of Taking This Course

Students will improve their assessment and analysis of pre-20th century and modern nonfiction passages.

Students will learn to write at a collegiate level in a timed setting.

Students will gain an elevated understanding of the art of rhetoric and rhetorical strategies.

How can this course help me prepare for college or my college major?

Students who want to major in pre-law, journalism, communications, business, marketing or teaching would highly benefit from taking AP Language.

How is the AP Language classroom formatted?

The class is a mixture of lecture, independent study, paired learning and group learning/discussion. Students are expected to produce independent writing in a timed setting on a regular basis. The student should plan to spend an average of 20 minutes per night on homework. Independent reading is required.

"I expect the students to take the AP test. A student who takes the AP test and scores a 1 will be more successful in college than the student who did not take the test at all."

-Andrea Stumpf





# AP Psychology 10th/11th/12th Grade



"AP PSYCHOLOGY: ANSWERING ALL YOUR QUESTIONS ABOUT HUMAN BEHAVIORS, THE MIND, AND YOU!"

### Top Three Benefits of Taking this Course

- 1. Students will learn about and experience real world phenomenons and will be able to apply them through real world application.
- 2. Students will be able to increase their chances at earning college credit through the AP exam.
- 3. Students will gain critical thinking skills and will be able to look at the world through different lenses.
- 4. ☆It is just intersting content!☆

### Prerequisites for the Course

- Rising sophomores should have had AP Human Geography (ideally finished with a B [80%] or higher).
- Students who have taken Honors Geography must speak with Dr. Dorrough.
- 11<sup>th</sup> and 12<sup>th</sup> grade prior honors/AP experience preferred, but not required.

### How is the AP Psychology classroom formatted?

 The classroom uses a variety of formats including lecture with class discussion (lecture includes notes that can be accessed online through Schoology) and activities to apply the concepts learned in class (labs and projects).

# How much time should the average student spend on homework?

 The average student should spend 30-45 minutes on homework each night if vocabulary is divided out for the unit and time is spent reviewing the concepts from class that day.

# Do you expect students to take the AP test at the end of the year?

- "Yes, because students are likely to earn college credit as many institutions take a 3 (minimum passing score) and review sessions occur, beginning in March, to aid in their ability to pass the exam."
  - Dr. Jennifer Dorrough

# How can this course help me prepare for college or my college major?

- The course will help you prepare for a major in Pyschology, Sociology, Education (most education degrees will allow the class to fit for an elective), Political Science, etc...
- The list is endless because it will fill in for an undergraduate elective.

### "ALWAYS THINK POSITIVELY - YOU CAN DO THIS!"

"UNDERSTANDING OUR PAST TO PREPARE FOR OUR FUTURE"

# FOR WHO? 11th graders

PREREOUISITES?

**AP Human Geography (80 or above) Honors Geography (87 or above) Ap World History (80 or above) Honors World History (87 or above)** 

**APUSH** supports history, political science, human resources, geography, journalism, marketing, English, prelaw, and educational maiors

**CLASS FORMAT 50% LECTURE 50% STUDENT CLASSWORK** 

### **BENEFITS**

- 1.Develop thinking skills
- 2.Prepare for college level classes
- 3.Learn how to manage time and workload

### HOMEWORK:

EXTROOK READING AND 10 VOCAR WORDS PER NIGHT

### APTEST:

HIS CLASS PRE-STUDENTS DO SO.

# **AP BIOLOGY**

Mainly taken by 11th and 12th Graders

### Benefits of the class

### **Non Science Majors**

This class helps to prepare you for college Biology courses, which most colleges require you to take unless you have the credits going into college.

#### **Science Majors**

This class helps you prepare for your college Biology courses along with giving you an introduction to the required biology courses you will have to take. This class is good for Pre-Med, Biology, and Chemistry majors.

### **College Credit**

Like you do with other AP classes you ah e the potential to earn college credit which allows you to get ahead in your college courses. For AP Biology you have the ability to earn up to 8 college credits depending on the score you earn on the AP exam. Students are encouraged to take the AP exam. The class is meant to prepare you for the exam so you are able to get college credit.

#### The class itself

### Classroom setup

"Ap Biology is a hybrid flipped classroom. Students watch videos/read the textbook at home and then we actively engage with the materials via simulation, hands on activities and labs in class. The AP Biology curriculum is the equivalent of TWO semesters of college Biology, so we have to get hands on with the content to learn best"

 In other words you are learning to be independent. You must come to class prepared and with a decent understanding of the content, and asking for help and getting a better understanding during the labs in class.

#### Homework

"...some nights may be less, some may be more if you procrastinate on assignments"

 Depending on your understanding of the content, you could have anywhere between 30 minutes to 1 hour of homework.

#### PER-REQUISITIES

#### 9th Grade-

Should have an A or a B in Honors Biology. Or have an A in On-Level Biology

10th Grade - Should have an"A" or "B" in HonorsChemistry. Or have an "A" inOn-Level Chemistry

#### Class Quotes

"AP Biology — learning from the deep end of the gene pool" - Ann Dau

# AP DRAWING, 2D DESIGN,3D DESIGN

"Embrace your inner artist"

#### **HOW WILL I BENEFIT?**

Students will produce completed, organized bodies of artwork.

Students will receive college credit for intro art courses in college.

Students will have the satisfaction of knowing they can conquer enormous tasks.

#### MAJORS THAT THESE COURSES SUPPORT

There are numerous majors that these courses help serve as a prerequisites for study, such as: Art History, Museum Curator, Museum Educator, Art Education, Visual Arts Candidate, Interior Design, Fashion Design, Computer Design, Photography, Advertising Design, Concept Design, Computer Animation, Game Design, and Product Design.

### SHOULD YOU TAKE THE EXAM?

"Yes, I feel for the student to earn the extra quality point they should have to complete the portfolio process. This is not the case however. Students are currently allowed to take the course for the extra quality point without having to complete the exam/portfolio process."

-Laura McInerny

### PRE-REQUISITES FOR THE COURSE

Technically, the only courses required are Comprehensive Art/Art history, then Drawing and Painting Level 1 or Ceramics Level 1. It is suggested, however, that students complete as many art classes as they possibly can complete in 4 years, which is around 8.

Students are allowed to "double up" art classes in one school year. In other words, students can take Drawing and Painting I in the fall, and then Drawing and Painting II in the spring.

## WHAT GRADE LEVELS CAN TAKE THESE COURSES?

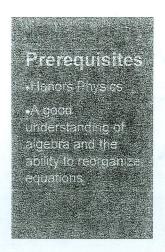
Generally, only juniors and seniors take these courses.

### HOW MANY HOURS WILL I SPEND ON HOMEWORK?

One can expect to have between 5 to 12 hours of homework a week depending on the project we are working on.

### AP PHYSICS 1—11TH AND 12TH

May the force be with you!



# Top Three Benefits of Taking AP Physics

Students who take AP Physics will be prepared for future introductory courses of Physics.

Additionally, they will collaborate with other students to solve a problem in both labs and class assignments. This is necessary, as many problems require critical thinking skills. Students will improve their ability to rationally work through a problem cooperatively.

### What majors does AP Physics prepare you for?

The course provides students with a foundation in physics that lends itself to any STEM career. For those going into Physics or Engineering, this course is accepted at many universities; if you're able to pass the exam, you can often exempt the calculus based version of the course. For other students, this course can exempt introductory physics courses.

### How is the classroom formatted?

The class is taught in a traditional lecture style, but is mixed. Online videos as well as inquiry based labs are utilized.

### How much homework am I expected to do?

30-45 minutes an evening (varies). Homework is due the day of the test and given far in advance—students have ample time to complete assignments in class, or at least limit the amount of homework they'll have by a large amount.

"I hope students take the AP Test at the end of the year. I think it is a good opportunity for students to experience standardized testing".

-Elizabeth Downey

# AP Chemistry- 10th-12th Grade

"Chemistry is the astronomy of the molecular world. We study the parts so we can understand the whole."

# Pre-Requisites for the Course

- Must have scored 80% or above in honors chemistry and honors physics
- Co-enrolled in Algebra II.

### How much time should the average student spend on homework?

The average student should spend 45 minutes a night on homework.

# How is the AP Chemistry Classroom formatted?

A typical class period includes a: traditional lecture, group practice, and paired lab experimentation.

# Top Three Benefits of Taking This Course

- 1.) Exemption from or preparation for college level Chemistry.
- 2.) Improved scientific reasoning and writing skills.
- 3.) Improved skills in experimentation.

# Do you expect students to take the AP test at the end of the year?

"Each student should do what is in his/her best interest. Students should evaluate whether their schools of interest accept AP Chemistry scores. They should also consider whether or not they will be taking additional chemistry course beyond first year chemistry, and whether or not they want to move directly into the more advance courses."

-Amanda Amos

# How can this course help me prepare for college or my college major?

Almost all science, engineering, and medical professions require college chemistry.

# AP Environmental Science-10<sup>th</sup>-12<sup>th</sup> Grade

"Help heal the Earth! Do your part!"

# Pre-Requisites for the Course

- Must have scored an 80 or above in Honors Biology, or a 90 or above in on-level biology.
- Must be enrolled in Honors Chemistry for the year.

# Do you expect students to take the AP test at the end of the year?

"Yes, it is expected that students take the AP test at the end of the school year. Each year, AP scores increase." – Nina Hollis

# How is the AP Chemistry Classroom formatted?

Notes and quizzes are done at home. Class consists of labs, investigations, projects, partner work, and group work. There may also be a small portion of lecture time.

### Top Three Benefits of Taking This Course

- 1.) Potential College Credit.
- 2.) Variety: Environmental Science intertwines all of the sciences into one course.
- 3.) Practical Applications:
  Environmental Science offers "down to Earth" ways to be more environmentally friendly with your lifestyle.

# How much time should the average student spend on homework?

"It depends. Students have several days to complete homework, since many students have jobs, or are involved in after-school activities. Students are allowed to pace themselves and choose when the best time is to complete their homework." – Nina Hollis

# How can this course help me prepare for college or my college major?

AP Environmental, is not needed as a pre-requisite, but may be used as a science credit for college graduation.

# AP Calculus AB/BC 11th/12th Grade

"IF I CAN DO IT, ANYONE CAN"

MARK BAGWELL

### Top Three Benefits of Taking this Course

- Getting ahead on college math to prepare for future careers and/or class environments.
   Colleges like to see this level of rigor in a student's application.
- 2. Students will learn study skills and practices that will help them succeed in college courses.
- 3. Provides students with a challenge and a motivation to succeed and gain knowledge.

### Prerequisites for the Course

- 85% or higher average in Accelerated Pre-Calculus.
- Must be willing to dedicate the time to practice and understand concepts. If the motivation is lost, the class will not be of use to you.

# Do you expect students to take the AP test at the end of the year?

- "I expect students to take the AP test if they are capable."
  - This means the student should continue to dedicate time to study and become exposed to different types of problems even after the course (or first section of the course: AB) is over.

# How can this course help me prepare for college or my college major?

- This course will best prepare you for a math or science based major.
- This course will especially prepare you for an enigineering major.

#### How is the AP Calculus classroom formatted?

• The class is a mixture of lecture, independent study, and group learning. Students are given notes and lectures, are **always** welcome to ask questions, and are then given practice to drill concepts. Quick checks are given to assess understanding and to find common gaps in learning. These gaps are then relectured and filled in the notes that day or the next. Overall, the class predominantly runs on a lecture-practice basis.

# How much time should the average student spend on homework?

- The average student should spend at least
   30 minutes on homework a night.
- Homework may be reviewing notes or completing practice problems and coming up with questions on concepts and steps that may confuse you.
- "Practice, practice, practice. That is the only way to get better." – Mark Bagwell

"NEVER BE AFRAID TO ASK A QUESTION.

IT IS BETTER TO ASK NOW THEN TO NOT KNOW LATER"

# 12<sup>th</sup> Grade

# AP US Government and Politics

### Quote/Slogan

"Knowledge of the process of government is ownership of the process of government"

### Homework

If you work hard in class, you will have minimal homework and will rarely have anything resembling busy work!

### Prerequisites

There are no set prerequisites for AP government, but it is recommended that you have taken AP/Honors in the past. In particular AP United States history is a great course to prepare you for AP government.

### TOP BENEFITS FROM THE COURSE

- 1. You will gain an advanced knowledge of both government and politics within the 18 weeks of the course
- 2. The course is truly rigorous and will prepare you for college level classes especially so due to the independent style of the course
- 3. The class aligns to political science, a class that nearly all freshman must take in college

### AP EXAM EXPECTATIONS

In AP Government you are only expected to take the exam if it is right for you. The structure of the course allows for you to be able to look at yourself and to have discussions with Dean to decide if the exam is the right choice for you.

#### WHAT MAJORS DOES AP GOV HELP WITH?

AP government is an all-around useful course as it's corresponding college course (political science) is required by nearly all majors and minors.

### **CLASSROOM STYLE**

The class is mostly split between independent/group reading and note taking with online quizzes and supplementary lectures that solidify knowledge of the material. In this class you will be required to read to get an understanding of the content before the class has a lecture in the coming days. There is nearly no busy work and the class is mainly oriented towards independent study and collective note taking.

# AP FRENCH

AP French...where we dive into the topics that matter most and we do it in another language. What's your super power?

Pre-Requisites for the Course:

French IV Honors

# How is the AP French classroom formatted?

The purpose of this course it to expand and assimilate the students' skills, developed over the first four courses of high school French. This course includes a meaningful study of the 6 topical and cultural themes (global challenges, family and community, personal and public identities. contemporary life, and science and technology) as springboards for practicing authentic interpersonal, interpretive, and presentational communication. We work towards achieving the best results on the AP exam for those students who choose to take it.

Please contact
Andrea Stumpf,
Jennifer Dorrough
or any of the AP
Leadership
students if you have
questions regarding
taking any AP class.

# Top Three Benefits of Taking This Course

- College credit
- Having a deeper understanding of the French language and culture
- Being able to feel more confident about traveling to a French-speaking country or finding a job that uses French some day.

"The AP French test is definitely a challenge, but I would encourage any student who is taking the class to sign up for the test so they can have an opportunity to exempt a college credit at the university level."

- Andrea Gwynn

# How can this course help me prepare for college or my college major?

Students who would like to major in international business or affairs or any business major can benefit. French is spoken in 28 countries throughout the world and represented on all continents. Taking French can help set ehe stage to be successful in every area of your life, in college and after college, because learning a new language opens up so many doors.

### AP COMPUTER SCIENCE PRINCIPLES-9TH-12TH GRADE

"Create, Explore, Innovate with AP Computer Science Principles."

**Pre-Requisites** for the Course:

Passed Algebra

If you have any questions, please ask any of the AP Leadership student representatives, or speak with Andrea Stumpf or Jennifer Dorrough.

Top Three Benefits of Taking This Course

- Increase Problem Solving Skills
- Learning Algorithms and Solutions
- Ethical and Social Ramifications of Computing

How can this course help me prepare for college or my college major?

Students who want to work with Computer Programming, Computer Science, and any other technology related career.

How is this Ap Computer Science Classroom formatted?

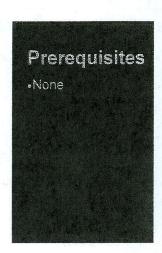
It is a mix of a flipped classroom and also some direst instruction when introducing new concepts. Every week it is expected to do from 1-2 hours of homework.

"I expect students to take the AP
Exam since it is a STEM course
most students can take for free and
they can get credit at most
institutions for Intro to Computer
Science depending on their score."

-Keith Hansen

### AP MICROECONOMICS—12TH

At an 85% pass rate, you'd be remiss to pass up on AP Micro



### The Benefits of Econ

Students who choose to take AP Microeconomics will be exposed to a rigorous course that prepares them for collegiate economics courses. However, a student can exempt these courses provided they pass the AP exam. Regardless of whether or not a student takes the test, they will walk away from the class with a much better understanding of economics.

What majors does AP Microeconomics prepare you for?

Many majors in college require you to take an economics course, oftentimes 2. Taking the class in high school can exempt the course in future years, or make the class significantly easier to understand later down the road.

How is the classroom formatted?

The class is taught in a traditional lecture style, with independent study and work done at home.

How much homework am I expected to do?

Problem Sets are given to be done by test day. They require an hour to two hours to complete. Worksheets are given out as deemed necessary to facilitate understanding of more complex topics—these don't take longer than half an hour to complete, at most.

Do you expect students to take the AP Exam in May?

"I do because I think that they can get the college credit if they have stayed in step with the class. However, I do not believe that taking the course means that you HAVE to take the exam. I think that it is an added benefit".

-Coach Tilton



# AP Literature 12th Grade

"COME JOIN US AND LEARN WHAT IT REALLY MEANS

TO LOVE LITERATURE LIKE YOU LOVE LIFE"



### Top Three Benefits of Taking this Course

- 1. Students will increase reading fluency and develop critical thinking skills with regards to analyzing complex literature and poetry.
- 2. Students develop writing skills for college level courses.
- Students become a part of an academic community that thrives on discussion and new ideas.

### Prerequisites for the Course

- You must love to read. If you hate reading, this probably is not the course for you! That being said, if you are interested in becoming a more wellrounded student, this is the course.
- An 89% or above in AP Language or Honors American Literature
  - \*\*\*The jump from Honors American Literature to AP Literature is significant and should not be taken lightly. Teacher reccommendations will be needed.

### How is the AP Literature classroom formatted?

- Class discussions drive the course reading and discussion are integral elements of the AP environment.
- "I [Mr. Bennett] will often pose questions and then facilitate the discussion."

# How much time should the average student spend on homework?

- The typical AP Literature student should plan on an hour every night to be spent on reading, reviewing, and thinking about literature.
- Often, students will spend more because they love the material!

# Do you expect students to take the AP test at the end of the year?

"It is entirely their decision. My AP students will certainly be prepared and ready for the AP exam, but in the end, I am more concerned about the students being prepared for their university classes."
 Michael Bennett

# How can this course help me prepare for college or my college major?

- This is the best course you can take to prepare yourself for a four-year university program, regardless of major.
- What you learn in AP Literature transcends all majors.

"WE ARE A COMMUNITY OF LEARNERS WHO THRIVE ON FINDING THE NUANCES OF LITERATURE."