



Rockledge Cambridge Program NEWSLETTER

September 2022



Celebrating Student Success

On August 11, Cambridge released the scores for the May/June 2022 testing session. Students in the Cambridge program combined to take more than 1,100 examinations in 18 subjects.

Students passed approximately 70% of their examinations, with a total of almost 2,600 college credits earned in this testing session. More than 160 of those passing scores were earned at a grade A or B level.

Additionally, 59 students earned the prestigious AICE Diploma and qualified for the highest level of the Bright Futures scholarship which equates to approximately \$25,000 in tuition cost savings for each student over the course of 4 years. 34 of those who earned their diploma were juniors and 3 were sophomores.

Congratulations to all our students on their hard work and success!

VISIT THE RHS CAMBRIDGE WEBSITE

The Cambridge pages on the RHS website contain valuable information on a variety of topics including college application essay writing information, articles about the benefits of the Cambridge program, study resources for students, announcements and other important documents.

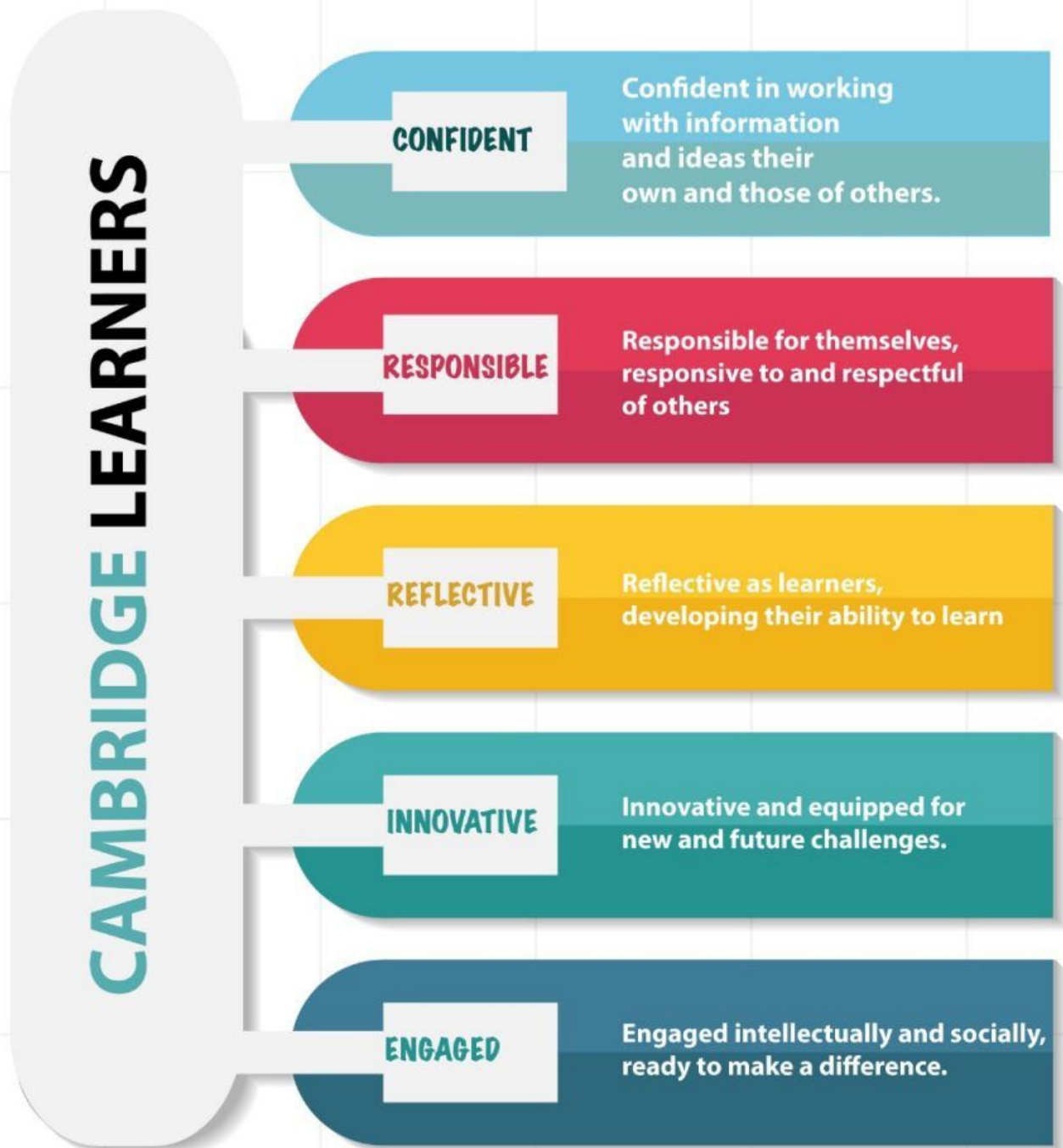
To visit the Cambridge pages, go to the RHS website, and click on ACADEMICS at the top of the page. Then, click on CAMBRIDGE PROGRAM on the left hand side under OVERVIEW.

Important Upcoming Dates

- **9th Grade Guidance Parent Meeting** - September 27 - 6 p.m. in cafeteria
- **10th Grade Guidance Parent Meeting** - September 20 - 6 p.m. in cafeteria
- **11th Grade Guidance Parent Meeting** - September 29 - 6 p.m. in auditorium
- **12th Grade Guidance Parent Meeting** - September 22 in auditorium

- **PSAT Test** - October 12
- **ACT Test** - October 22 & December 10
- **SAT Test** - October 1, November 5, December 3

CAMBRIDGE LEARNER ATTRIBUTES: OUR MISSION IN THE CLASSROOM



Our Cambridge classrooms, through use of the Cambridge curriculum, aim to create lifelong learners who develop the skills that will be essential for finding success in today's world. Our courses are designed to help students become confident, responsible, reflective, innovative, and engaged in their studies here at RHS and in their future endeavors. The Cambridge curriculum helps students develop the ability to analyze, the ability to synthesize, and the ability to communicate.

College Fairs

The North Brevard College & Career Fair will take place on September 28, 2022 from 6-8 p.m. at the Great Outdoors Golf & Country Club in Titusville.

The South Brevard College & Career Fair will take place on September 29, 2022 from 6-8 p.m. at the Melbourne Auditorium on Hibiscus Blvd in Melbourne.

You can easily share your information with colleges you are interested in by visiting www.strivefair.org and filling out a form that will create a barcode for colleges to scan if you are interested in receiving information from them.



It's College Application Time

As we start off the 2022-2023 school year, now is the time for our seniors to apply to the colleges and universities they are most interested in attending.

Florida State University has two deadlines, the first of which is the *Early Action* Florida Resident deadline of October 15th, 2022. The second FSU *Regular Deadline* requires submission of all materials by December 1, 2022. The University of Florida has a *single* application deadline of November 1st, 2022. You are *strongly* encouraged to apply by early deadlines as your chances for admission are significantly diminished if you wait.

All other Florida public universities utilize various *Rolling Admissions* plans. In every case, *the earlier you apply, the better*. Each college also has priority scholarship deadlines. This means that in order to be considered for full scholarship aid, you must apply by a specific date. Research and know these dates and deadlines for schools you are interested in attending by consulting the individual admissions websites. Again, your chances of both being accepted and getting scholarships are greater if you apply early.

Most Florida colleges and universities accept applications for admissions through the Common App. The Common Application is a single online college application form used by over 900 colleges and universities. Instead of filling out the same general information—like your address, GPA, and extracurriculars—a dozen times, you only have to do it once.

Letters of Recommendation

While state universities do not require or accept letters of recommendation from teachers or counselors, there may be some universities or scholarships that require you to submit them. It is important to remember that you should ask your counselor and teachers well in advance of the due date. Also remember that teachers aren't obligated to write letters and may decline your request.

For teachers who agree to write a letter of recommendation, be sure to provide them with a list of your activities (or your resume).

You Mean I Actually Have to Study?



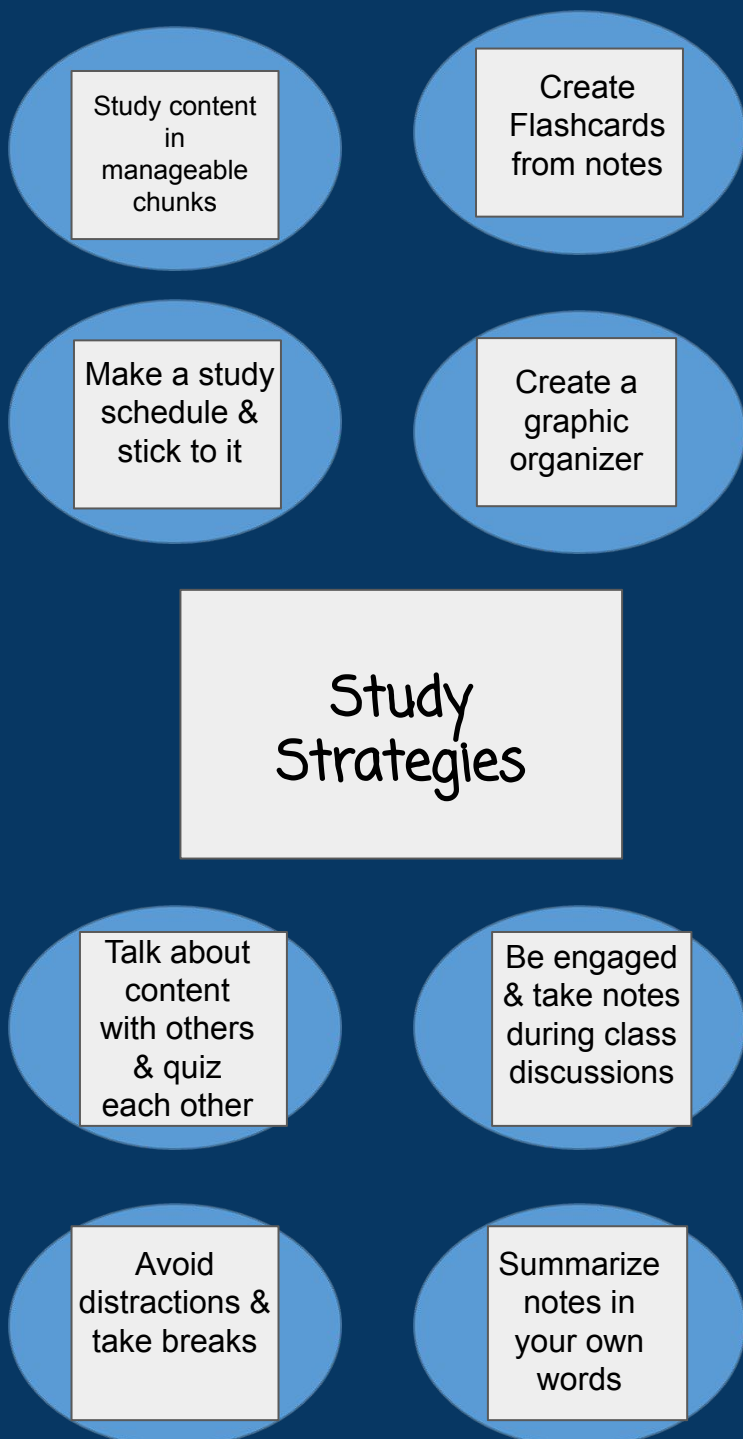
Upon entering high school, many students quickly find that they have very limited (or no) study skills to help them prepare for quizzes, tests, and exams. As students progress from middle school to high school and then from high school to college, they are responsible for learning more and more content and often find that they need to study in order to perform well on classroom tests and other assignments. Developing strong study skills can help students cope with the increasingly rigorous courses they will take.

Just as students have different learning styles, students have different study strategies that work best for them. There may be some trial and error as students learn how to study and find the methods that suit them academically.

One thing research agrees on in regards to studying, however, is that simply rereading notes is not the same as learning content. Students need to be actively engaged with their notes, using the information in them rather than passively reading those notes repeatedly.

For math and sciences, students can apply the concepts they are learning by working through practice problems. Students can also use their notes to predict what the questions on their assessment will be and then practice answering those questions using what they've learned.

Below are some other strategies that students can consider using as they learn how to study.



Take Advantage of the Technology Available

There are many apps that can serve as effective study methods and can help when students have questions about their homework.

When searching for apps for high school students, it is important to find apps that are educational, functional, and fun. The following list of apps include tools for preparing for tests, increasing knowledge, and taking notes that students can download and use as they seek to develop their study skills.



Apps for taking notes	Apps for high school homework help	Apps for studying for a test
Zoho Notebook	Brainly	Quizlet
Google Keep	Duolingo	iFormulas
Apple Notes	Homework Help	SimpleMind
Simplen	Photomath	StudyBlue
Evernote	Socratic by Google	Brainscape
Dropbox Paper	HelpMe	Anki
Notion	Homework Helper	Cram
Boostnote	iMath	Tinycards
Standard Notes	myHomework Student Planner	GoConqr
Ulysses	uVocab Vocabularly Trainer	Khan Academy

Tutoring Opportunities on Campus

- Mu Alpha Theta is a math tutoring organization that offers tutoring upon request. Contact Mrs. Hall (hall.kaley@brevardschools.org) for more information.
- P.A.S.S. Club offers student-led tutoring in all subjects as well as help with college essays and applications on Mondays, Wednesdays, and Thursdays from 7:45 - 8:30 in room 34-312 and on Tuesdays from 7:45 - 8:30 in room 34-112.

THE CAMBRIDGE AICE DIPLOMA

CAMBRIDGE AICE DIPLOMA REQUIREMENTS

7 passed AICE tests -
at least one passed test
in each required group

KEY DETAILS

Must earn in 3 years

AS-Level Global
Perspective &
Research

REQUIRED CORE COURSE

Must be passed to
earn diploma

Biology or Physics
Information Technology
Mathematics

REQUIRED GROUP 1: MATH & SCIENCE

Environmental Management
Marine Science
Psychology

English Language

REQUIRED GROUP 2: LANGUAGES

Spanish Language

Art & Design
Drama or Music
Psychology or Sociology

REQUIRED GROUP 3: ARTS & HUMANITIES

Business
History - US or European
Literature in English
Environmental Management

English General Paper

OPTIONAL GROUP 4

Thinking Skills

Made with PosterMyWall.com

For more info see Mrs. Matthews or Mrs. Krajewski

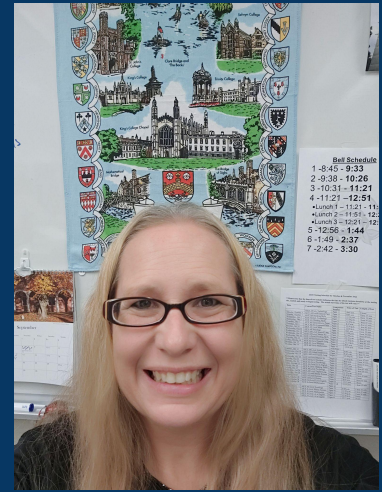
The AICE Diploma is an international high school diploma students can earn by taking and passing a specific number of AICE exams. Students who earn the AICE Diploma are eligible for the highest level of the Bright Futures Scholarship if they complete the required number of community service hours. The highest level of the Bright Futures Scholarship can save students almost \$25,000 in tuition fees over the course of 4 years.

MEET THE CAMBRIDGE COORDINATORS



**Wanda
Krajewski**

Mrs. Krajewski has been a teacher at Rockledge High School since 1999. She currently teaches the AICE level math courses, serves as the Department Chair for Math and is the Cambridge Coordinator for the 9th and 10th graders. She earned her bachelor's degree in Mathematics from the University of Florida (Go Gators) and her master's degree in Math Education from the Florida Institute of Technology. Mrs. Krajewski has taught all levels of math at RHS and loves to see the moment when a student understands a concept she has taught. In her free time, Mrs. Krajewski is a football mom. She loves working with the football team and ensures their academics are ready for the next level. Mrs. Krajewski can be found in room 34-312 and is available to help her Cambridge students navigate a path towards success. You can reach her at krajewski.wanda@brevardschools.org



**Katie
Matthews**

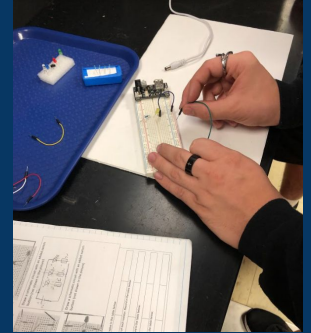
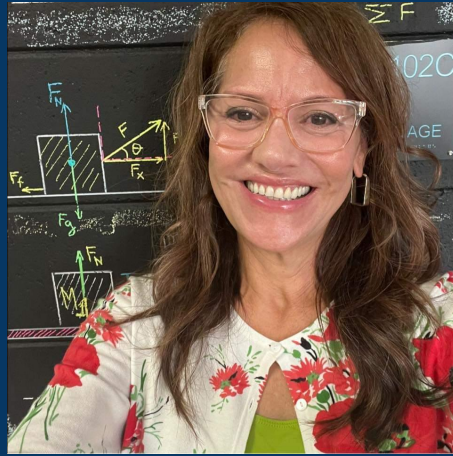
Mrs. Matthews has been a teacher at Rockledge High School since 2001, and she works with students in AICE classes and serves as the Cambridge testing coordinator. Originally from Virginia, Mrs. Matthews earned her bachelor's degree in English and her master's degree in Curriculum & Instruction from Virginia Tech. As a member of the RHS English department, Mrs. Matthews has taught several AICE English courses including pre-AICE English Language, AICE Literature in English, and AICE English Language over the last 10 years. Outside of school, Mrs. Matthews enjoys attending RHS athletic events, cheering on the Hokies, and reading. Mrs. Matthews can be found in room 22-050A and is readily available by email. (matthews.katie@brevardschools.org)

In June 2022, Mrs. Matthews, 11 students from the RHS Cambridge program, and 2 parents travelled to London and Cambridge on an EF tour. Students were able to visit historic sites such as Buckingham Palace, Windsor Castle, and King's College, enjoyed a theater performance of *Wicked*, and got to go punting on the River Cam in Cambridge. Mrs. Matthews is considering another trip in 2024, so anyone who might be interested should contact her.



CAMBRIDGE TEACHER PROFILE

Mrs. Tania Hartman Pre-AICE & AICE Physics



Since joining the Rockledge High faculty in 2014, Mrs. Tania Hartman has quickly become a beloved teacher on campus who is known for the energy and enthusiasm she brings to the classroom.

Before taking her teaching position at RHS, Mrs. Hartman worked for 10 years in the electrical engineering field, leading a team of electrical technicians for a power utility company. After accepting her position at RHS, Mrs. Hartman spent as much time as she could in the classroom of another experienced physics teacher, Mr. Skip Arrich. Then, in 2018, Mrs. Hartman began teaching pre-AICE and AICE Physics in the Cambridge program. Since that time, she has dedicated herself to the Cambridge curriculum goal of creating tomorrow's leaders today with challenging but always engaging lessons that are understandable, interactive, and rich with real-life applications.

Mrs. Hartman aims to create an environment in which students feel respected, supported, and equipped with resources to learn physics. "I enjoy seeing the enlightenment on my students' faces when they understand the concepts I am teaching," she says.

In addition, Mrs. Hartman encourages her students to use their time with her to consider potential STEM careers. She takes students on field trips to Kennedy Space Center and the Blue Origin facilities, hosts NASA engineer guest speakers, and invites former students to return and share their college experiences. After school, you will usually find Mrs. Hartman working with students who have an interest in rockets and drones, sometimes even launching model rockets from the baseball field on Fridays.

Mrs. Hartman continually seeks new ways to help foster the learning of her students. Her physics class YouTube channel is one that current and former students constantly use for its educational physics lessons, and her hands-on, experiential lessons on campus encourage active participation by all who are in her classroom.

CAMBRIDGE STUDENT SHOWCASE

9TH GRADE STUDENT

Michael Murtagh



Why did I decide to join the Cambridge Program? I have always desired a challenge, tasks that could test my limits and provide genuine results. I've never aspired to just maintain my spot; I keep treading forward to continually evolving goals. What do I like so far? The impact the Rockledge High Cambridge Program has had on not only the academic, but social aspects of my life has been immense. I enjoy the sense of belonging, the students have goals similar to my own, enduring through rigorous studies to discover their personal purpose. My favorite class? My favorite class is Spanish 2 with Señora Hunt. My reason for enjoying the class is her teaching methods, which provides an engaging but studious course. Involvement in extracurricular activities? I'm currently active in 3 main clubs and pursuing a 4th. These activities are Interact Club, Key Club, and Pink Team Robotics. I enjoy being an engaged member of my community via Key Club and Interact Club. Additionally, the Robotics club allows me to explore my interests in computer engineering, a career I wish to pursue in the future.

10TH GRADE STUDENT

Isabel Sisson



I decided to come to Rockledge High for the Cambridge program because I wanted to be involved in a program that would challenge me. I was looking for like-minded students with similar drive, Cambridge has a more interactive curriculum that would also prepare me for college, and Cambridge has so many other benefits. What I like about the Cambridge program is how well it prepares me for the future and allows me to learn about many different topics at a rigorous level that keeps me engaged. My favorite class is AICE English Language AS. I am on the swim team, a member of the Spanish Club, BETA Club, and an officer for the Spanish National Honor Society.

CAMBRIDGE STUDENT SHOWCASE

11TH GRADE STUDENT

Faith Sams



I came to Rockledge High from Emma Jewel and the principal there, Mr. Thomas Cole, would always ensure the future freshmen who possessed willpower, understanding and knowledge applied it in their endeavors and were never sailing through easily, so he told me about the AICE program at RHS. At first, I was hesitant about going from middle school to high school and college at the same time, but as I learned about the benefits of taking college courses, I decided to enroll my 8th grade year. I am so glad that I decided to go through with the AICE program, because I've learned so many interesting concepts and I've been taught by these amazing teachers that have honed my character and allowed me to be not only be an excelling high school student but a prepared college student as well.

The AICE program is a wonderful way to get a taste for college expectations and allows you to stay with your friends and enjoy the high school experience whilst still achieving excellence abroad. I enjoy the different thought processes that are required and the many practices that are considered and later become essential in daily life and higher education. Also, these classes can teach you information that can be applied almost everywhere. I have learned through the wonderful Ms. Fleming how to write a discursive essay which helped me with my 10th grade FSA ELA graduation requirement as well as Global Perspectives for the following year. There is no doubt that just this one AICE class can carry me further than any of the classes I was originally to take.

My favorite class? That's a tough one, ha ha. I honestly don't have one yet, but my favorite one that I took last year was Psychology for sure, and Mrs. Insalaco 100% helped feed that interest; my classes are all intriguing but Math would definitely be my default favorite, hopefully that doesn't change. To keep myself busy and engaging in the community, I currently take part in the Chinese Club and the National Honors Society. Not pertaining to school, I am working towards volunteering at Viera Hospital and I've been volunteering for over 2 years and almost every day at Emma Jewel Charter Academy for the Step Team and anything else that needs assistance.

12TH GRADE STUDENT

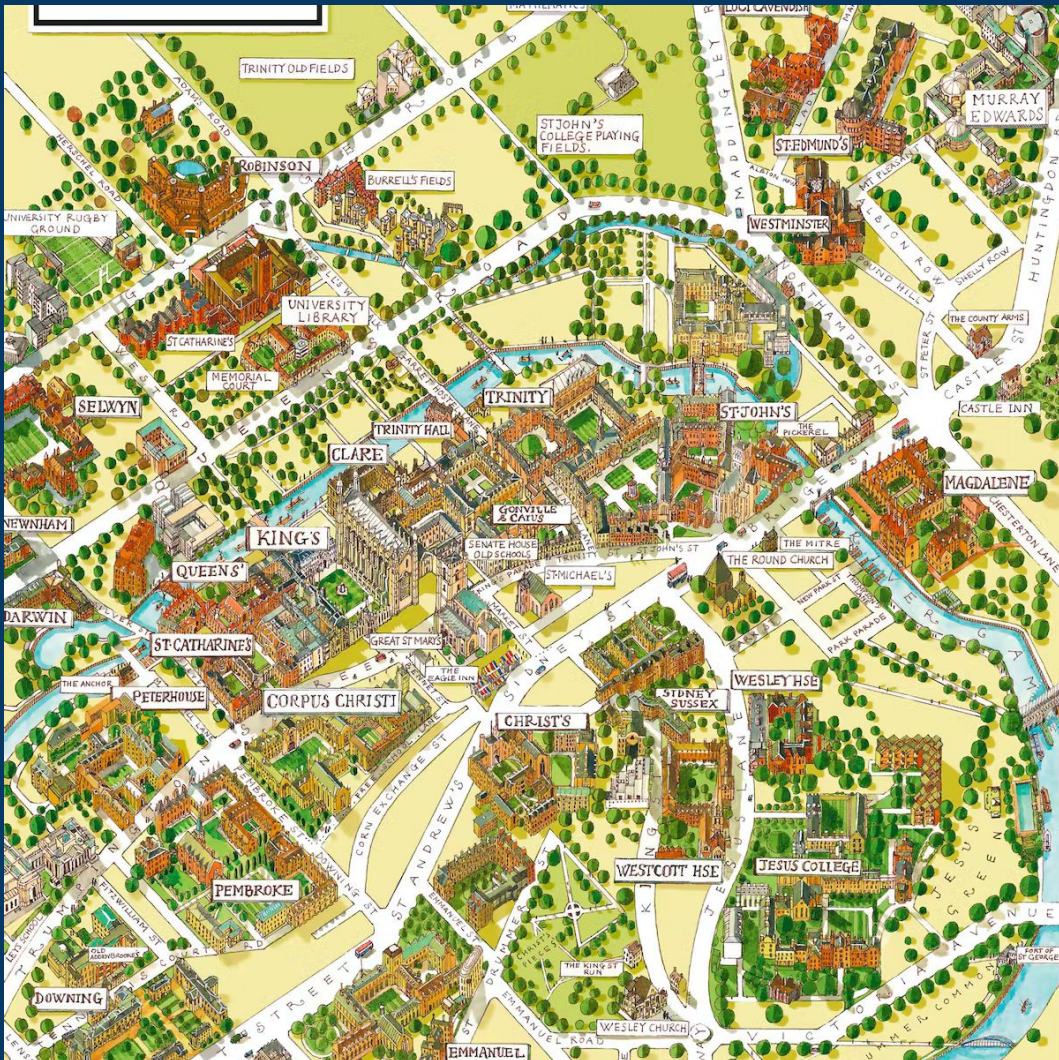
Kyle Kosuda



When it came to the opportunity of joining the AICE program, it's sincerely the only reason I came to Rockledge in the first place. Not only was the opportunity to get 100% Bright Futures without a stellar SAT score appealing, but also just the fact that I had heard so many great things about the AICE teachers and their classes from current and past students. I genuinely love how the program allows for me to learn a variety of topics from teachers who truly understand the subject and can answer any of the questions I may have. Currently, I would have to say my favorite class is AICE Math, because while it is a challenge, nothing feels more validating than that breakthrough moment with the content, alongside receiving a 100 on a test. I am also a part of several other extracurriculars, such as being the Secretary of both National Honor Society and Spanish Club, as well as being a member of the Spanish Honor Society and the Brevard County Teen Court Program.

DID YOU KNOW?

Cambridge University began in 1209 when scholars fleeing from riots in Oxford took refuge there. The first college to be founded was Peterhouse in 1284. Today, Cambridge University consists of 31 colleges with around 15,000 students. The most recent college is Robinson, founded in 1979. Other well-known colleges that are a part of Cambridge University include King's College, Clare College, Queen's College, St. John's College, Trinity College, and St. Catharine's.



TEST YOUR AICE KNOWLEDGE

The following question appeared on the AICE Thinking Skills Paper 1 exam in June 2022. Can you figure out the answer?

The Flamingo Club is a club that raises money for charity. It has 203 members, each paying a membership fee of \$15 per year. On the 15th day of every month there is a prize draw, with one lucky member winning \$30 for 1st prize, one winning \$20 for 2nd prize and one winning \$10 for 3rd prize. At the end of the year, all the remaining money from membership fees is donated to a local charity. How much money is donated to the local charity each year?