



Rockledge Cambridge Program NEWSLETTER

December 2022

Important Upcoming Dates

- **ACT Test** - Feb 11, April 15, June 10
- **SAT Test** - March 11, May 6, June 3

- **RHS Semester Exams**
 - **Dec 16** - Period 1 Exam (full day)
 - **Dec 19** - Period 2 & 3 Exams (Early Release)
 - **Dec 20** - Period 4 & 5 Exams (Early Release)
 - **Dec 21** - Period 6 & 7 Exams (Early Release)



Spring Testing Schedule Is In

The spring testing schedule for AICE and Pre-AICE classes has been released by Cambridge. Hard copies of the testing schedule were distributed to students in AICE and Pre-AICE classes in early November, and a copy of the testing schedule is also available on the Cambridge page of the Rockledge High School website.

The dates on the spring testing schedule are set by Cambridge. Rockledge High can not change the dates or times of exams.

All students who are enrolled in an AICE class **are required** to take the AICE exams that go with their AICE courses. Pre-AICE exams are optional. Students in Pre-AICE classes will decide in January if they want to take the Pre-AICE exams that go with their pre-AICE courses.

Parents and students should review the spring testing schedule together. Cambridge does not allow for make-up exams so students **MUST** test on the dates and times given on this schedule.

While most testing dates are during the regular school year, there are a few tests that are given after the last day of school. Students are still responsible for being at RHS on the dates of tests that take place after the last day of school if they are enrolled in those particular courses.

A copy of the spring testing schedule is included on the next 2 pages of the newsletter. If you have any questions, please contact Mrs. Matthews.

May/June 2023 Cambridge Testing Schedule Page 1

Date of Exam	Course Title	Paper	Length of Test	Time of Test
Wednesday, April 19	AS Info Technology	Paper 2 - Practical	2 hours 30 min	8:45 a.m.
Monday, April 24	AS Marine Science	Paper 1 – AS Level Theory	1 hour 45 min	12:50 p.m.
Monday, April 24	AS Thinking Skills	Paper 1 – Problem Solving	1 hour 30 min	12:50 p.m.
Tuesday, April 25	AS English General Paper	Paper 1 - Essay	1 hour 15 min	8:45 a.m.
Tuesday, April 25	AS Psychology	Paper 1 – Approaches & Issues	1 hour 30 min	8:45 a.m.
Wednesday, April 26	AS English Language	Paper 1 – Reading	2 hours 15 min	8:45 a.m.
Wednesday, April 26	AS Global Perspectives	Paper 1 – Written Examination	1 hour 30 min	8:45 a.m.
Wednesday, April 26	AS Environmental Management	Paper 1 – Principles of Environmental Management	1 hour 45 min	12:50 p.m.
Thursday, April 27	AS English General Paper	Paper 2 - Comprehension	1 hour 45 min	8:45 a.m.
Thursday, April 27	AS Psychology	Paper 2 – Research Methods	1 hour 30 min	8:45 a.m.
Thursday, April 27	AS Spanish Language	Paper 2 – Reading & Writing	1 hour 45 min	12:50 p.m.
Thursday, April 27	AS Marine Science	Paper 2 – Data-handling & Investigation skills	1 hour 45 min	12:50 p.m.
Friday, April 28	AS English Language	Paper 2 - Writing	2 hours	8:45 a.m.
Friday, April 28	AS Thinking Skills	Paper 2 – Critical Thinking	1 hour 45 min	12:15 p.m.
Monday, May 1	AS Environmental Management	Paper 2 – Management in context	1 hour 45 min	12:50 p.m.
Monday, May 1	A Level Marine Science	Paper 3 – A-Level Theory	1 hour 45 min	12:50 p.m.
Tuesday, May 2	Pre-AICE Biology	Paper 4 – Theory Questions	1 hour 15 min	8:45 a.m.
Tuesday, May 2	AS Physics	Paper 3 – Practical	2 hours	8:45 a.m.
Tuesday, May 2	AS History	Paper 1 – Document Question	1 hour 15 min	12:50 p.m.
Tuesday, May 2	AS Business	Paper 1 – Business Concepts 1	1 hour 15 min	12:50 p.m.
Wednesday, May 3	Pre-AICE English Lang	Paper 1 - Reading	2 hours	8:45 a.m.
Wednesday, May 3	A Level Biology	Paper 4 – Structured Questions	2 hours	8:45 a.m.
Wednesday, May 3	AS Mathematics	Paper 1 – Pure Math 1	1 hour 50 min	12:50 p.m.
Wednesday, May 3	A Level Marine Science	Paper 4 – Data-handling	1 hour 45 min	12:50 p.m.
Thursday, May 4	AS History	Paper 2 – Outline Study	1 hour 45 min	12:50 p.m.
Thursday, May 4	AS Business	Paper 2 – Business Concepts 2	1 hour 30 min	12:50 p.m.
Friday, May 5	Pre-AICE English Lang	Paper 2 – Directed Writing	2 hours	8:45 a.m.
Friday, May 5	Pre-AICE History	Paper 1 – Written Paper	2 hours	12:00 p.m.
Friday, May 5	AS Mathematics (ONLY CERTAIN STUDENTS)	Paper 2- Pure Math 2	1 hour 15 min	12:00 p.m.
Friday, May 5	A Level Mathematics	Paper 6 – Probability & Stats 2	1 hour 15 min	12:00 p.m.
Monday, May 8	AS Sociology	Paper 1 – Socialisation, Identity, & Research Methods	1 hour 30 min	12:50 p.m.
Tuesday, May 9	Pre-AICE Biology	Paper 6 – Alternate to Practical	1 hour	8:45 a.m.
Tuesday, May 9	Pre-AICE Lit in English	Paper 1 - Poetry and Prose	1 hour 30 min	12:50 p.m.
Tuesday, May 9	AS Info Technology	Paper 1 - Theory	1 hour 45 min	12:50 p.m.
Tuesday, May 9	A Level Business	Paper 3 – Business Decision-Making	1 hour 45 min	12:50 p.m.

May/June 2023 Cambridge Testing Schedule Page 2

Wednesday, May 10	AS Biology	Paper 2 – Structured Questions	1 hour 15 min	8:45 a.m.
Wednesday, May 10	A Level Biology	Paper 5 – Planning, Analysis, Evaluation	1 hour 15 min	10:00 a.m.
Wednesday, May 10	Pre-AICE History	Paper 2 – Written Paper	2 hours	12:50 p.m.
Wednesday, May 10	AS Mathematics	Paper 5 – Probability & Stats 1	1 hour 15 min	12:50 p.m.
Thursday, May 11	AS Sociology	Paper 2 – The Family	1 hour 30 min	12:50 p.m.
Thursday, May 11	A Level Business	Paper 4 - Business Strategy	1 hour 15 min	12:50 p.m.
Friday, May 12	AS Literature in English	Paper 1 – Drama & Poetry	2 hours	8:45 a.m.
Friday, May 12	A Level Mathematics	Paper 3 – Pure Math 3	1 hour 50 min	12:00 p.m.
Tuesday, May 16	Pre-AICE Literature in English	Paper 3 - Drama - Open Text & Paper 4 - Unseen OR Paper 2 - Drama	45 min & 1 hour 15 min 1 hour 30 min	12:50 p.m.
Tuesday, May 16	A Level Thinking Skills	Paper 3 – Problem Analysis & Solution	2 hours	12:50 p.m.
Wednesday, May 17	AS Physics	Paper 2 – Structured Questions	1 hour 15 min	8:45 a.m.
Wednesday, May 17	Pre-AICE History	Paper 4 – Alternative to Coursework	1 hour	12:50 p.m.
Thursday, May 18	A Level Thinking Skills	Paper 4 – Applied Reasoning	1 hour 45 min	12:50 p.m.
Friday, May 19	AS Literature in English	Paper 2 – Prose & Unseen	2 hours	8:45 a.m.
Friday, May 19	AS Spanish Language	Paper 3 - Essay	1 hour 30 min	12:15 p.m.
Tuesday, May 23	AS Biology	Paper 3 – Lab Practical	2 hours	8:45 a.m.
Wednesday, May 24	A Level Lit in English	Paper 3 – Shakespeare & Drama	2 hours	8:45 a.m.
Wednesday, May 24	AS Drama	Paper 1 - Written Exam	2 hours	12:00 p.m.
Friday, May 26	A Level Lit in English	Paper 4 – Pre/Post 1900 Lit	2 hours	8:45 a.m.
Tuesday, June 6	AS Physics	Paper 1 – Multiple Choice	1 hour 15 min	8:45 a.m.
Thursday, June 8	AS Biology	Paper 1 – Multiple Choice	1 hour 15 min	8:45 a.m.
Thursday, June 8	Pre-AICE Biology	Paper 2 – Multiple Choice	45 min	8:45 a.m.

All Cambridge exams are created by and assessed by examiners with Cambridge Assessment International Education. Cambridge examiners use mark schemes (rubrics) to determine the number of points students earn on the examinations they take.

Parents and students can find examples of past examination papers, the mark schemes used to assess the papers, and examples of candidate responses and how they scored by visiting the “AICE Videos, Course Descriptions, and Student Resources” page of the Cambridge section of the Rockledge High School Website. Most of the classes also have a Learner Guide that contains a checklist of things that students can do to prepare for Cambridge exams as well as a checklist of specific content students want to know in order to be successful on their Cambridge exams. These learner guides can be found on the same page as the past tests and mark schemes.

Science Step-Up Day



On Thursday, December 1, 8th grade students from Kennedy and McNair Middle Schools visited Rockledge High for the RHS annual Science Step-Up Day. Each year, upperclassmen in the Cambridge program offer 8th grade students from the middle schools an opportunity to spend time at RHS, taking part in a lab similar to those students in AICE Biology might see on their AICE Biology exam.

This year, the 8th grade students created slides using pieces of elodea plants and then brushed up on their microscope skills as they documented what they were able to see of the plant's cells under different magnifications.

Kennedy and McNair's students were also able to talk with RHS students about the Cambridge program, the activities and clubs offered on campus, and their reasons for choosing to come to Rockledge. During the students' lunch break, the RHS marching band, the RHS cheer team, and the RHS Robotics performed for them, showcasing their talents and providing the middle school students with a glimpse of what RHS has to offer them.

We'd like to thank Mrs. Kalajian and Mr. Leblanc for the work they put into making this day possible by making all the preparations needed for the lab.



Physics Students Visit Kennedy Space Center



In early November, Mrs. Hartman, the RHS pre-AICE and AICE Physics teacher, took some of the students from her classes on a field trip to the Kennedy Space Center. Her goal was to help her students connect physics concepts to real life applications and inspire students to consider STEM careers in the space industry.

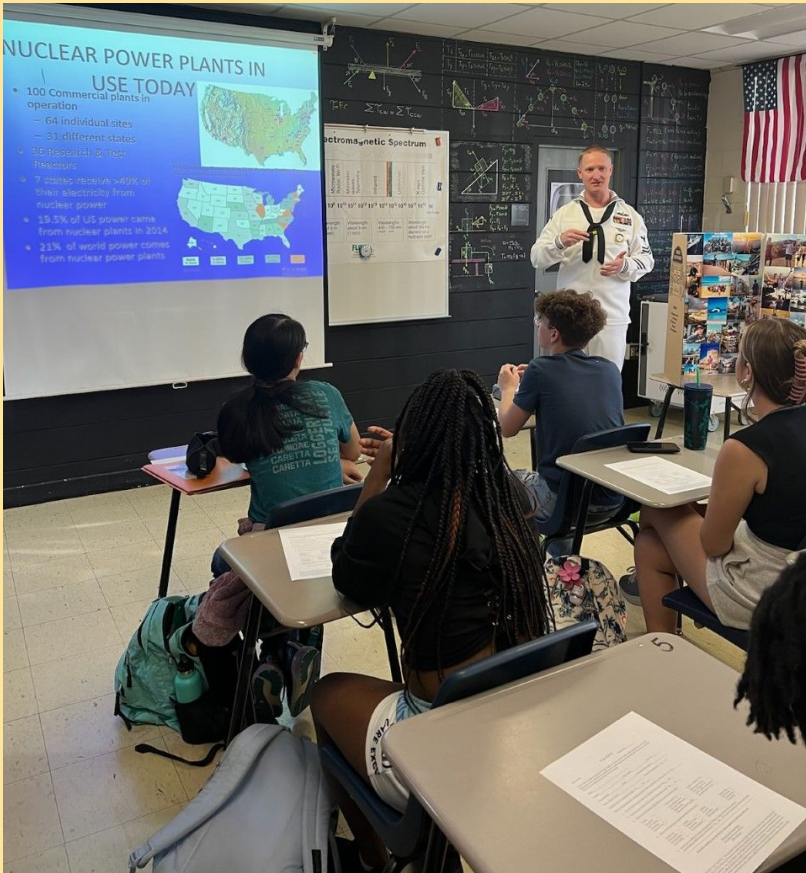
Students were able to visit the various attractions at the Kennedy Space Center Visitor Complex including the Heroes & Legends exhibit, the Shuttle Launch experience, and Journey to Mars exhibit. As students toured the complex, they learned about the contributions and sacrifices that have been made through the years for space exploration. In addition, students participated in a session with staff from the Complex where they were challenged with building a capsule of their own using given materials.



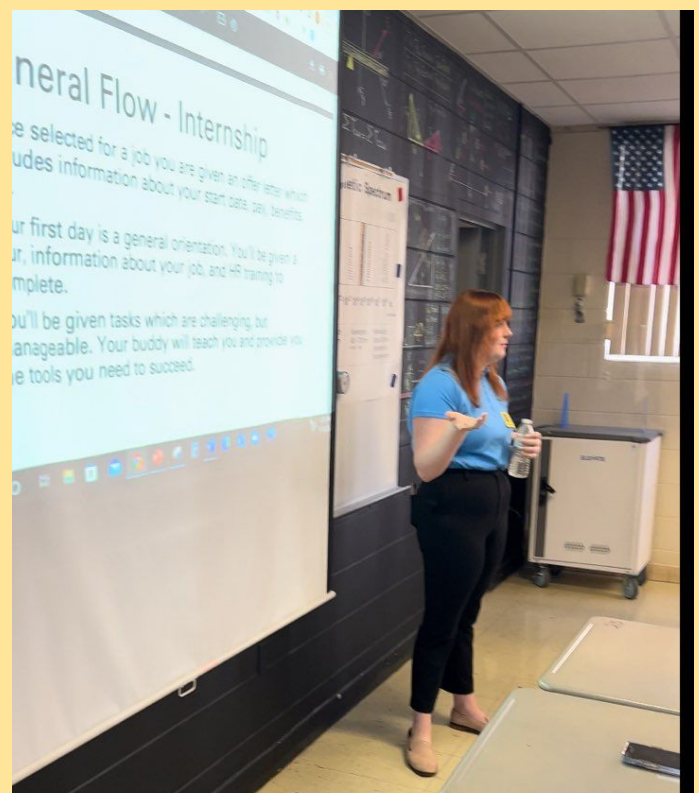


Navy Nuclear Power & What is College Really Like Presentations

As part of her mission to help her students see the ways in which their studies through her classes can translate to real world jobs and opportunities, Mrs. Hartman invited some local Navy servicemen to visit her classroom near the end of November. The representatives from the Navy discussed nuclear energy and nuclear job opportunities that are available through the Navy with our pre-AICE and AICE physics students..



One of Mrs. Hartman's former students, Lexi Linder, also visited the pre-AICE and AICE physics classrooms to talk about all she's learned about college and how to be successful. Lexi earned her AICE Diploma while she was a student at RHS and came back in order to talk to our current students about how earning the AICE diploma helped her find the success she has at college and share all she's learned about the college experience since graduating from RHS.



RHS Academic Team Clenches Spot In The District Championship



On Monday, November 15, the RHS Academic Team ended their regular season competition with an incredible finish, beating the Merritt Island team by 40 points to cement a position in the district Academic Team Championship. This is the second year in a row that the RHS Academic Team has made the district tournament, and this year RHS has the honor of having the largest team in the county.

Since the season started, the academic team has been competing weekly in teams of 5 to answer questions on different topics. Each competition is set up like a race, with 5 teams trying to buzz in first with the correct answer (think Jeopardy but with 25 people trying to buzz in instead of 3). Top scorers for the team so far this year are Chloe Bolton, Garrett Urso, and Stephen Gentile.

The Academic Team will now compete in the district championship on December 12 at 6 p.m. in the Brevard County Public Schools board room. We wish the members, all members of the Cambridge program, the best of luck.

Members of the RHS Academic Team

Chloe Bolton
Brock Decker
Alex Delida
Michael Digirolamo
Stephen Gentile
Haley Ginsberg
Dulier Lopez
Nathalie Lopez
Angela Pickles
Jade Raby
Jaime Rooke
Allison Walkup
Kyla Woo
Garrett Urso



And, a special thank you goes to Mr. LeBlanc for the time he has dedicated to sponsoring the team!

RHS Ethics Team Wins the 24th Annual High School Business Ethics Competition



On Friday, December 2, the RHS Ethics team won the 24th Annual High School Business Ethics Competition hosted by Florida Tech. The competition encourages high school students to explore the subject of ethics, reflect on how ethical principles are related to decision-making in the business world, and evaluate the ethical adequacy of actual decisions made by managers.

The RHS members, Janelis Hernandez, Abigayle, Luznar, Jeremiah Perez, and Tiffany Rodrigues, each won a \$500 cash prize as well as scholarships worth up to \$12,000 per year to Florida Tech.



As a part of the competition, the RHS team was asked to formulate an ethical solution to a situation unknown to them prior to their preparation time and create a presentation defending their choice in one hour.

The team's sponsor, Mrs. Christine Kearns, helped the prepare for competition and shared that 5 of the 6 judges evaluating the competition presentations selected the RHS ethics team as the #1 team.

Congratulations to Mrs. Kearns and the team members, all members of the RHS Cambridge program.

Semester Exams Here We Come

As the month of December begins, the end of the 1st semester is rapidly approaching. From December 18 - December 21, RHS students will be taking their semester exams in each of their classes.

Semester exams are meant to help assess students' knowledge and check how well they understand the concepts and skills taught so far during the school year. These exams play an important role in a student's grade as the semester exam is worth 20% of the overall first semester grade in a course. Therefore, preparing for these exams is important. When teachers provide study guides and host review sessions during class time, students will want to give their full attention to these activities and ask questions about anything that they still don't understand.



So How Should You Prepare for Your Exams?

Because semester exams (and Cambridge exams at the end of the year) ask you to recall information learned over the first 18 weeks of school, they can be challenging. However, preparing for exams will seem less overwhelming if you start preparing for them in advance.

Reviewing your notes is a great way to begin preparing for your exams. As you review your notes, highlight key terms and phrases, add in new details from the textbook that relate to your lecture notes, and read your notes out loud. While it may feel weird to read your notes out loud, reading your notes aloud is a good way to improve your memory. You may also want to create concept maps for the different topics you've studied; since creating the concept map will require you to actively work with the notes you've taken and arrange them by category, the concept map will help you make connections between ideas and provide a new way to study.

You should also review your past tests as you study. You can cover up the answers on the original test and try answering the questions again. You will particularly want to pay attention to the questions you missed on the original test to figure out what you didn't understand the first time you were tested on the material.

Remember, though, that you don't want to cram all of your studying into just the night before the exam. Instead, spend a little time each night in the weeks before the exam reviewing. Study for short periods of time and then take a break. Or, create flashcards for one topic, have someone quiz you, and then take a break before creating the next set of flashcards. In order to perform the best you can on your exams, you are going to want to study. You simply have to use the method that best works for you.



Scholarships

**That Might
Be A Good
Fit For You**

Great Southeast Flooring America Scholarship

Since 2017, the Flooring America Scholarship Program has helped deserving college-bound seniors at Brevard County schools. The scholarship will award \$1,000 to one student at 16 different Brevard County High Schools, including Rockledge High.

To be eligible, students must plan on to attend a four-year college or university in the fall of 2023 and should be able to demonstrate traits such as high character, integrity, academic achievement, sportsmanship, citizenship, and leadership. A 500-word essay on “How I Would Use the \$1,000” is also required. The application period for 2023 seniors will open February 1, 2023 and close on April 15, 2023.

For more information visit <https://www.southeastflooringamerica.com/custom/1138af/scholarships>

Making People Smile Scholarship

John Redmond Orthodontics knows that when people have the confidence to smile at others, they will have an easier time with social and professional interactions. The organization wants to help support the education of a student who is committed to helping people to live healthier and happier lives, and to be able to smile freely.

The scholarship is open to any student who is currently enrolled in an accredited undergraduate, graduate, or professional program in the US, including high school seniors, who are in good academic standing with a minimum cumulative GPA of 2.5 or above.

Students must answer an essay question in 1,000 words or less and include a resume and current unofficial transcript. The deadline for applications is December 31, 2022.

For more information visit

<https://johnredmondorthodontics.com/making-people-smile-scholarship/>

Epsilon Sigma Alpha Foundation Scholarships

The ESA Foundation has awarded more than \$3 million in scholarships and continues to award numerous scholarships annually. The online application process is 100% online and is now open. Applications are due by 11:00 PM on February 1, 2023. When you visit the website, be sure to select the state of your residence to find the scholarships for which you might be available.

For more information, visit <https://www.epsilonsigmaalpha.org/scholarships-and-grants/>

BigFuture Scholarships

BigFuture Scholarships are open to all class of 2023 students who have a College Board account and attend high school. When you complete one or more qualifying steps on BigFuture, you can be automatically entered into drawings for \$500 or \$40,000. The deadline to complete qualifying steps is February 28, 2023.

For more information visit

<https://bigfuture.collegeboard.org/pay-for-college/bigfuture-scholarships>

Solwiser Solar Scholarship Fund

Solwiser is proud to provide a \$500 scholarship to students with an interest in pursuing or continuing a 2 to 4-year academic program related to solar/green renewable technologies. To apply, students must write 500 words or more regarding solar energy industry innovations, inventions, or industry-related research. The application window is open from November 25, 2022 - December 25, 2022.

For more information visit <https://solwiser.com/scholarship/>

Bence Law Firm Sports Injury Scholarship

Recovering from an injury after an accident can be long and difficult. This scholarship is for students who have overcome a physical injury. In 750-1,000 words, you will write about a time when you were injured during a physical or other recreational activity and how you overcame the injury, submit a resume of your professional and academic experience, and submit a transcript. The deadline for this \$1,000 scholarship is February 28, 2023.

For more information visit <https://bencelawfirm.com/2023-sport-injury-scholarship/>

BigSun Athletics 2023 Scholarship

The BigSun Organization is proud to help young athletes succeed in their academic pursuits. BigSun offers a scholarship of \$500 to a deserving student. All student athletes are eligible regardless of the sport they are engaged in or the capacity in which they participate. You will submit a 500-1,000 word essay that answers questions about your participation in sports during high school and its influence on you. The deadline for this scholarship is June 19, 2023.

For more information visit <https://bigsunathletics.com/>

Gen and Kelly Tanabe Scholarship

The Gen and Kelly Tanabe Scholarship is a merit-based program that helps students fulfill their dreams of a higher education. The scholarship is named for Gen and Kelly Tanabe, best-selling authors on education. This scholarship is open to 9th -12th grade high school students. Applicants will submit an essay of 250 words or less, and winners will receive a \$1,000 scholarship award. The deadline for this scholarship is December 31, 2022.

For more information visit <https://www.genkellyscholarship.com/apply>

Space Coast Jazz Society Scholarship

The Space Coast Jazz Society's mission is to preserve and promote live jazz. Each year, the society awards scholarships in the Spring of each year to graduating Brevard County high school seniors who are registered for continuing education. Applicants must be interested in furthering their studies in jazz music, but do not need to major in music.

Students must apply online, submit a short audio or video of themselves performing, and provide a list of references. The deadline for this scholarship is April 15, 2023. For more information visit <http://spacecoastjazzsociety.org/scholarships/>

Visit <https://tinyurl.com/2muv8x3r> to access a Google Doc of MANY other scholarship opportunities you might be interested in.



Writing Contests

Jane Austen Society of North America Essay Contest

The Jane Austen Society of North America conducts an annual student essay contest to foster the study and appreciation of Jane Austen's works in new generations of readers.

The essay contest is open to all high school students. This year's essay topic asks students to consider how in Pride and Prejudice and Jane Austen's other novels, proposals and marriages that are motivated by love, as well as those that are better described as arranged marriages or marriages of convenience are discussed. Many cultures today also expect arranged marriages (not the same as forced). In this essay contest, students will compare and discuss the different types of marriages and courtships found in Austen's novels and whether those relationships are new or longstanding. Students may use Pride and Prejudice as well as other Jane Austen novels in their essay. Deadline is June 1, 2023.

For more information visit <https://jasna.org/programs/essay-contest/>

River of Words Poetry and Art Competition

The River of Words competition is a free, annual international youth poetry and art competition - the largest in the world. The goal of the competition is to inspire students ages 5 to 19 to translate their observations into creative expression. Entries should feature a specific aspect, formation, ecosystem, or organism of nature that resonates with you and should exhibit scientific knowledge of a particular subject learned in the classroom.

Participants may submit up to 5 entries for poetry and 5 entries for art (total of up to 10 entries). A grand prize in the secondary (grades 9-12) category is awarded. The deadline to submit an entry to this contest is January 31, 2023 at 11:59 p.m. PST.

For more information, visit

<https://www.stmarys-ca.edu/center-for-environmental-literacy/river-of-words>

SPJ / JEA High School Essay Contest

The Sigma Delta Chi Foundation of the Society of Professional Journalists and the Journalism Education Association want to increase high school students' knowledge and understanding of the importance of independent media to our lives. All students in grades 9-12 are invited to submit a 300-500 word essay on the topic "While consumers are drawn toward tweets and sound bites, how can journalists tell more of the story without losing readers' interest?" Deadline for submission is February 19, 2023 at 11:59 PST. First place wins a \$1,000 scholarship. Scholarships are also awarded for second and third place winners. For more information, visit

<http://jea.org/wp/home/awards-honors/high-school-essay-contest/>

CAMBRIDGE TEACHER PROFILE

Mrs. Cynthia Bolton - AICE English Language & AICE Literature in English



Mrs. Bolton has been teaching in the Cambridge program at Rockledge High since 2012. She has taught a variety of courses within the program but currently teaches AICE AS and A-Level Literature in English and AICE English Language. In addition, she serves as the department chair for the RHS English department.

“I love the freedom the Cambridge curriculum provides for students to explore their strengths in writing as well as its global focus to challenge them to think beyond Rockledge, Florida, and its rigor that prepares them for courses at the university level,” Mrs. Bolton says. “Cambridge’s curriculum requires students to evaluate their own learning and thinking, creating confident, independent learners.”

Showing all students that they are capable of analyzing literature is one of the biggest joys Mrs. Bolton takes from her teaching. While AICE Literature students often begin the year dreading poetry days, and although they may not all love poetry by the end of the year, Mrs. Bolton’s students typically feel confident in their skills and judgements when evaluating poetry as their time with her draws to a close in May.

The students in Mrs. Bolton’s classes know that she believes in them and their ability to read, discuss, and analyze class literary texts such as Mark Twain’s The Adventures of Huckleberry Finn, Shakespeare’s “King Lear,” and Tennessee Williams’ “Cat on a Hot Tin Roof.” And while the Cambridge syllabus for AICE Literature in English dictates which texts students will read, Mrs. Bolton knows that the curriculum gives her a platform to help students build their critical analysis skills and to challenge students to think critically.

When Mrs. Bolton is not in her classroom, she can be found cheering on her three children, who are all students at RHS, as they participate in a wide variety of activities and clubs both at RHS and in the community.

CAMBRIDGE TEACHER PROFILE

Mrs. Anne Straub - AICE English Language & AICE Literature in English



Mrs. Straub grew up in Ohio and earned a bachelor's degree in journalism from Northwestern University. After graduation, tired of snowy, cold winters, she moved to Brevard County to work as a business reporter for Florida Today. She then took a position writing for the Money section of USA Today before returning to Florida Today to serve as the business section editor.

To be able to stay home when starting a family, Mrs. Straub turned to freelance writing and wrote for newspapers and magazines. Real estate, business, and home design were among her specialties.

Having frequently toyed with the idea of becoming a teacher, Mrs. Straub entered the field of education in 2011 and joined the ROCK in 2018 as an English teacher in the Cambridge program. Now, she gets to share her love of reading and writing with her students in her AICE English Language and AICE Literature in English classes.

Mrs. Straub's students start each day with 10 minutes of independent reading of a book of their choice. There are no reading logs, no books reports, and no questions to answer about their reading - it is simply a time for students to read and enjoy. Students bring their own books or select one from Mrs. Straub's 650-title classroom library, built through grants, donations, and too much money spent at Barnes and Noble.



As Mrs. Straub tells her students, "All writing springs from reading. Reading is the inhale, and writing is the exhale. You can't have the second without the first."

A career in journalism honed Mrs. Straub's skills that are now being used to help students create clear, compelling writing that conforms to a variety of audiences and purposes. Students have seen their work publishing in literary magazines and learn techniques that will serve them in the future, whether they are writing for a Cambridge exam, a college entry essay, a lab report, or a future Nobel Prize acceptance speech.

An avid reader herself, Mrs. Straub devours mystery novels and literary fiction, with some non-fiction thrown in. She also makes time to travel - ideally internationally - to see Oscar-buzz movies, to volunteer at church, and to read some more.

Mrs. Straub lives with her husband in Palm Bay and is happiest when her three adult children are in town.

CAMBRIDGE STUDENT SHOWCASE

9TH GRADE STUDENT

Jayla Gamble



I decided to join to the Cambridge program to prepare for college. It opens scholarship opportunities for me, challenges me, and provides the opportunity for a brighter future.

My favorite class is math. I like this class because Mrs. Sandoval explains it thoroughly so her class can understand the material. She's pauses in the middle of her instruction to make sure we understand what we are being taught. My extracurricular activities are playing sports and going to P.A.S.S. club in the

mornings. I go to Pass club because it helps me with schoolwork. Sometimes I go there to read. I also want to get better grades. The Pass Club helps ensure I meet that goal. They explain everything in ways that make sense and they make sure I understand. It helps me concentrate and focus on my work when I'm there. I really enjoy Rockledge High. The teachers educate to the best of their abilities. The cafeteria people and the guidance counselors are very friendly. Everyone makes me feel accepted. For the first time, I'm looking forward to my high school experience. I'm proud to say I'm a Rockledge Raider!

10TH GRADE STUDENT

Maximus Amick



My name is Maximus Amick. I decided to do Cambridge classes as enrolling in them would accomplish three things. First of all, AICE classes are the most challenging classes available, and since I seek out intellectual stimulation, I correctly thought that taking these classes would entertain and condition my mind to think critically at a level far higher than before. Secondly, AICE classes count as college credit which is essential considering how I plan on attaining an associate's degree as I graduate high school. Thirdly, the precious AICE

diploma awarded to those who succeed in the Cambridge program entices me not only because it would be a shiny achievement to gaze at but it also would be another accomplishment to add to a future resume, specifically for college applications. As far as extracurriculars go, I would consider myself fairly active. I am in my school's Latin club, Key club, Beta club, Chess club, Rocket club, tennis team, and esports team. About that last one, I am currently the top player and captain of the Rocket League team and even guided the team into making our regional playoffs for the southern United States via the High School Esports League. I am also an active, life-ranked boy scout in troop 321 in Rockledge. My favorite class has to be AICE Math 1 with Mrs.Krajewski. It is so fun for me to learn advanced math topics and be challenged in my favorite subject.

11TH GRADE STUDENT

Abbigail McDonnell



Hi! My name is Abbie McDonnell and I am a junior in the Cambridge Program at Rockledge High School. I have been in this amazing program since my freshman year and completed two years of Cambridge at Kennedy Middle School. I chose the Cambridge Program because I wanted to be a part of something that would advance and challenge me academically. Also, my main goal is to receive my Cambridge Diploma with a full Bright Future Scholarship. My favorite class would be AICE Mathematics (2). Although it is one of the hardest classes I have ever taken, I have learned so much and feel confident with a great teacher like Mrs. Krajewski. Math has always been one of my favorite classes as I love to solve crazy problems with set formulas and answers. I have enjoyed being a student at Rockledge High School and am a member of the National Honors Society, Spanish Honors Society, Spanish Club (Vice President), and am a RHS Varsity Cheerleader. I have always participated in cheerleading and gymnastics and am truly passionate about these sports. I hope to cheer at FSU in the future and major in Nursing (Pediatrics). I also enjoy surfing, tubing, wakeboarding, and basically anything in the water! I love to spend quality time with my family and friends, and especially love to travel.

12TH GRADE STUDENT

Fabian Guzman

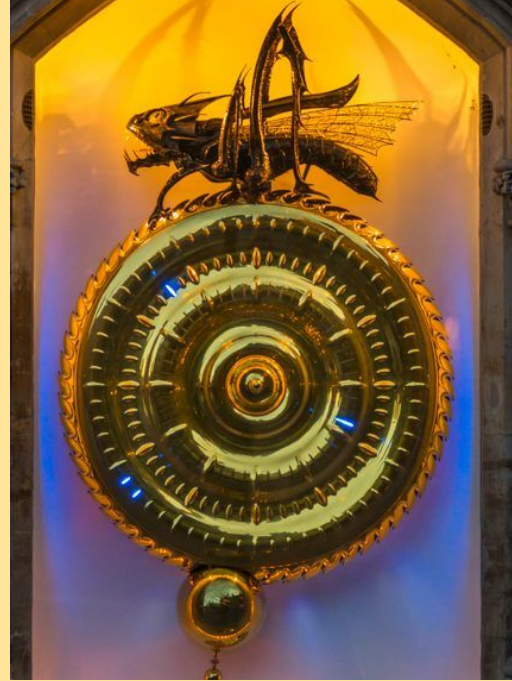


I first heard of Cambridge from my middle school at Kennedy Middle School. It first caught my attention because it was a way I could challenge myself both educationally and mentally. Through Cambridge I was able to find friends and connections that would later spark my interest in engineering. With the offered classes of Auto Tech at the school, I am able to get hands-on experience with cars and still be a part of the Cambridge program. The courses offered through the program, such as global perspectives and Aice math, made it possible for me to learn more about the field and learn about my specific interest through school. Now because of Cambridge I am able to work at a shop and push my education further than I have before.



DID YOU KNOW?

One of the most intriguing landmarks to visit while in Cambridge is the Corpus Clock on the outside of Taylor Library at Corpus Christi College. Named one of Time's Best Inventions of 2008 after its creation by Huxley Bertram and John C. Taylor, the clock was unveiled on September 19, 2008 by world-renowned physicist and professor Stephen Hawking.



Atop the golden clock sits a Chronophage, a grasshopper-like creature whose name means "time-eater." With each passing minute, the grasshopper's mouth opens and snaps shut when the minute is over, devouring each one. At the end of every hour, there is no chime. Instead, visitors will hear the sound of chains shaking and a hammer hitting a wooden coffin. The sounds are meant to represent the passing of time that ultimately leads to death.

The Corpus Clock has no hands or digital numbers. To determine the time, you must use the 3 rings of LED lights, which reading from the innermost ring show hours, minutes, and seconds. The clock, however, is only accurate once every 5 minutes, as the clock was designed to perform 50 different tricks including lighting up in specific patterns, reversing time, moving in slow motion, and being able to self-adjust to Daylight Savings Hours. This playing with time was a deliberate decision by the creators to symbolize that time is relative to us all.

TEST YOUR AICE KNOWLEDGE

The following questions appeared on the AICE Marine Science Paper 1 exam in June 2022. How would you answer the questions below?



The figure above shows a yellowfin tuna and a spotted dolphin.

1a: Label the operculum and lateral line on the figure of the yellowfin tuna.

1b: State two features common to all organisms in the phylum Chordata, that would be present in the embryos of both species.

1c: Yellowfin tuna reproduce through external fertilization. The fertilised eggs and larvae become part of the zooplankton. Explain the meaning of the term zooplankton.