



Cambridge Assessment
International Education

Cambridge Schools Conference, Orlando
23-24 June 2023
#camschoolsconf

Building a Cambridge School Community

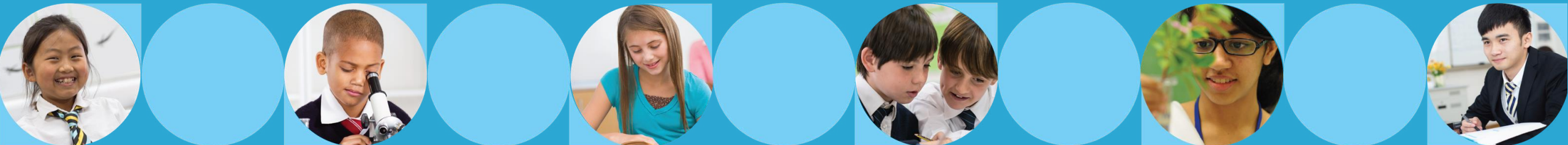
Cypress Bay High School

Kassandra Fried, Principal

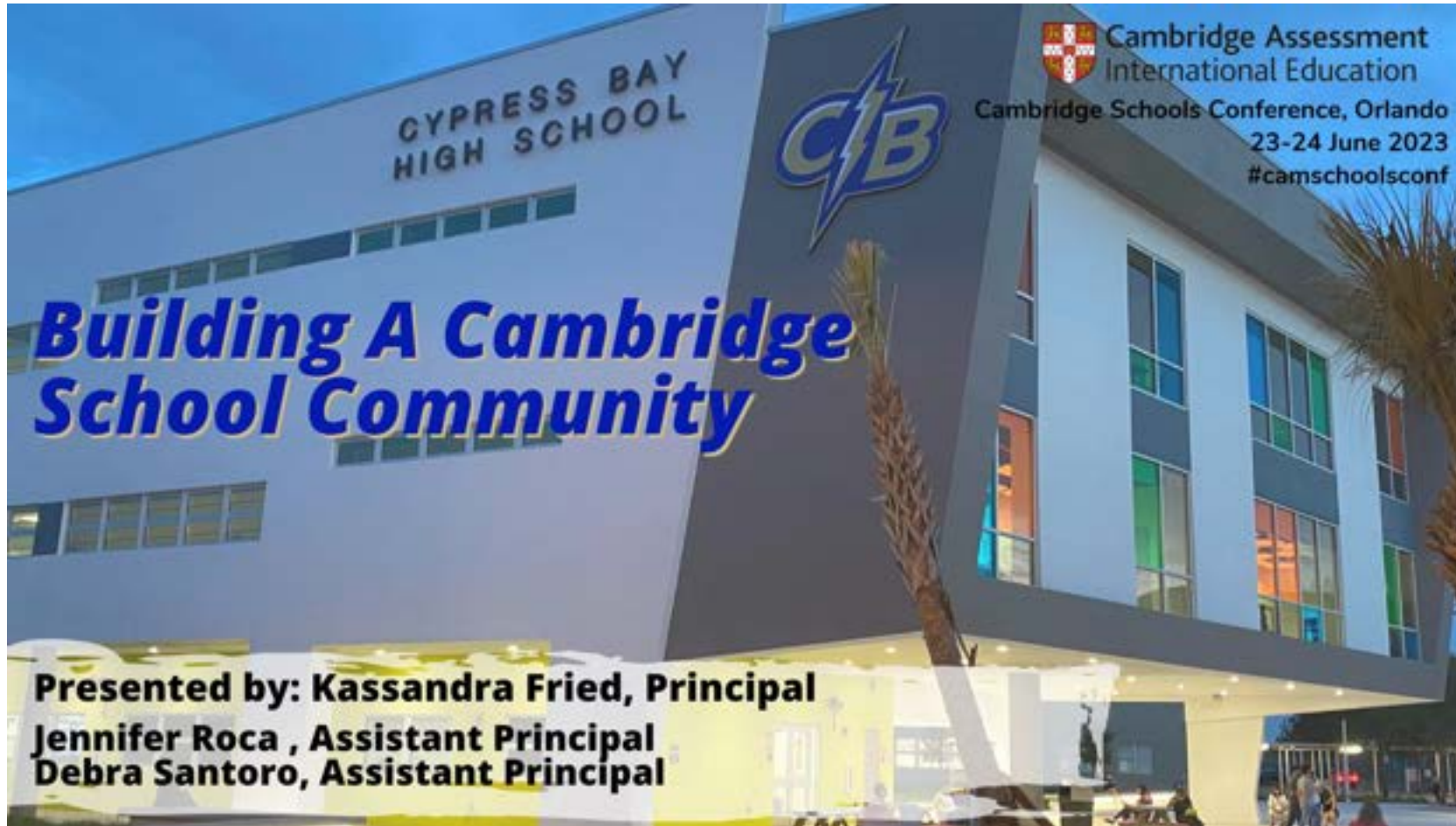
Jennifer Roca, Assistant Principal

Debra Santoro, Assistant Principal

June 2023



Today's session



Cambridge Schools Conference, Orlando, 23-24 June 2023

Creating a positive environment for academic success

#camschoolsconf

How can we create, strengthen and sustain a community?



Click **Present with Slido** or install our [Chrome extension](#) to activate this poll while presenting.

slido



Cypress Bay Today

4,716 STUDENTS
250 FACULTY MEMBERS

Hispanic	64%
White (Not Hispanic)	22.5%
Asian	7%
Black (Not Hispanic)	5%
Multi-Racial	2%
Native American/Indian	.3%
Hawaiian or Pacific	<.1%

Cypress Bay High School



Cambridge Schools Conference, Orlando, 23-24 June 2023

Creating a positive environment for academic success

#camschoolsconf



Why the need to add Cambridge?

Data Communication to Stakeholders



In 2011, we administered over **3500** Advanced Placement Exams!

- Successful Advanced Placement Passing Rate (approx. 90%)
- **However**, initial data indicated only 1600 of our students were taking AP classes; this was 38% of our population.

What was missing?

- 2700 students were not taking any college level classes
- Less than 1% of our 9th graders were taking advanced college level courses
- Only 36% of our Hispanic population was taking advanced college level courses
- Only 2% of our African American population were taking advanced college level courses

- Computer Science Principles
- Computer Science
- Human Geography
- Art/Art History
- Statistics
- Calculus AB
- Calculus BC
- Biology
- Chemistry
- Environmental Science
- Physics 1
- Physics 2
- Physics C
- Macro/Micro
- Government/Comp. Gov't
- Government/Economics
- US History
- European History
- Psychology
- Chinese Language & Culture
- French Language & Culture
- Italian Language & Culture



Why was AP not enough for our students?

CollegeBoard

AP

- Approximately 30 courses
- Rigorous
- Core Standardized subject specific
- Many courses were designed for 11 & 12 grade students
- Students shied away

Initial Action Plan

Reach a wider range of students

Challenge students to reach their maximum capacity in a flexible setting

Allow students to take higher level classes in both vocational and academic areas, thus...

CAMBRIDGE



WHY? CAMBRIDGE

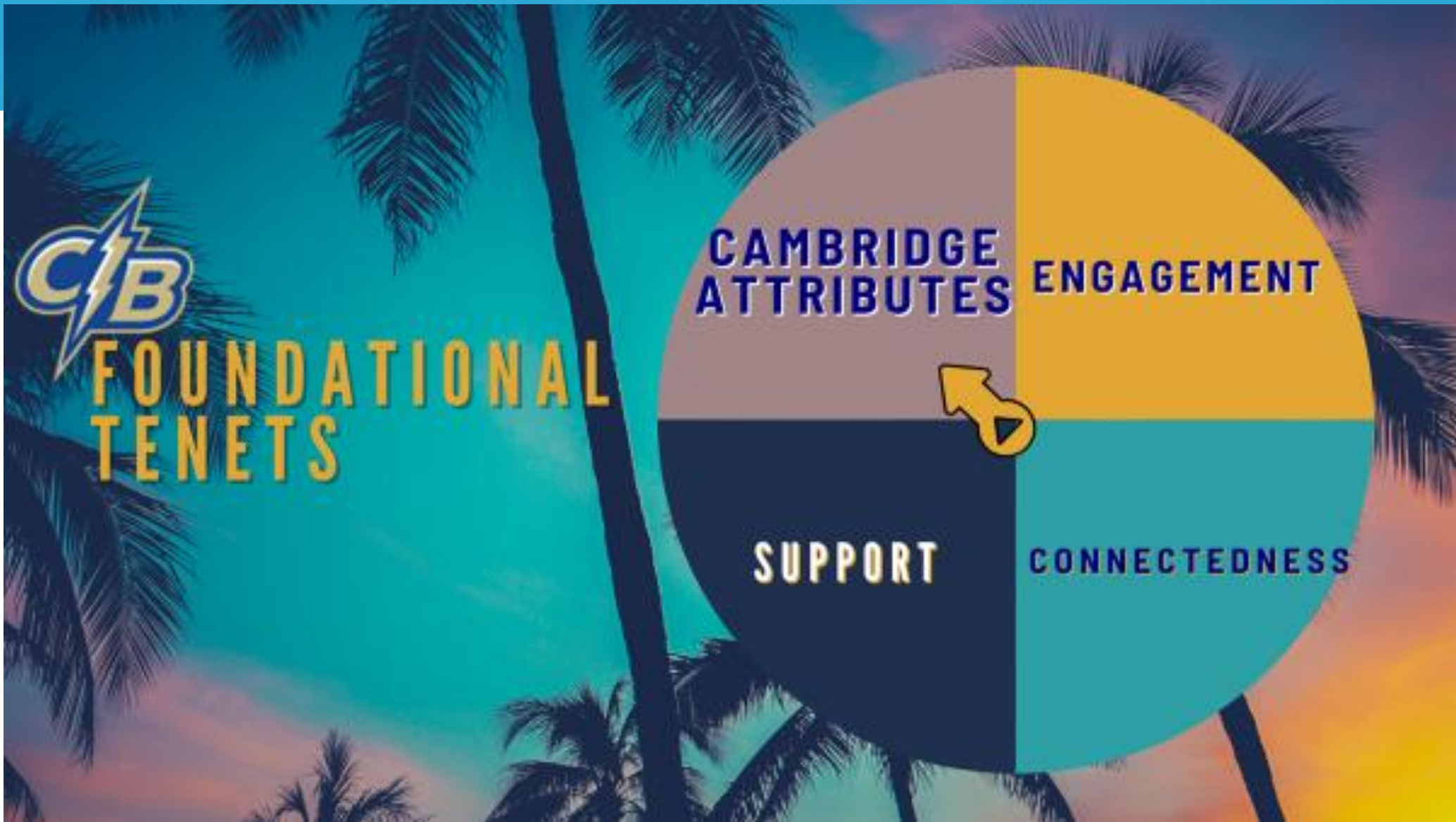


- Exploratory pathway
- Met expectations for high-level expectations
- Teacher and Learning Philosophy
- High-level Curriculum
- Options of introductory level courses on a college level

- **Emphasis on building:**

- Critical Thinking
- Analysis
- Synthesis
- Multiple Perspectives
- Increasing Verbal Communication





Cambridge Schools Conference, Orlando, 23-24 June 2023

Creating a positive environment for academic success

#camschoolsconf

CAMBRIDGE STUDENT ATTRIBUTES



AT THE BAY, CAMBRIDGE LEARNERS ARE

CONFIDENT RESPONSIBLE REFLECTIVE INNOVATIVE ENGAGED



CAMBRIDGE
International Education
Learn • Discover • Achieve

What is learning how to learn?
Cambridge learner and teacher attributes

Cambridge learners	Cambridge teachers
Confident in working with information and ideas – their own and those of others.	Confident in teaching their subject and engaging each student in learning.
Responsible for themselves, responsive to and respectful of others.	Responsible for themselves, responsive to and respectful of others.
Reflective as learners, developing their ability to learn.	Reflective as learners themselves, developing their practice.
Innovative and equipped for new and future challenges.	Innovative and equipped for new and future challenges.
Engaged intellectually and socially, ready to make a difference.	Engaged intellectually, professionally and socially, ready to make a difference.

Cambridge Schools Conference, Orlando, 23-24 June 2023

Creating a positive environment for academic success

#camschoolsconf



Cambridge Schools Conference, Orlando, 23-24 June 2023

Creating a positive environment for academic success

#camschoolsconf



Cambridge Schools Conference, Orlando, 23-24 June 2023

Creating a positive environment for academic success

#camschoolsconf



Initial Courses in the Program

English General Paper

a course that would serve as the prerequisite to most AICE courses and create a foundational writing experience that developed critical writing skills.

Spanish Language

a course that would allow our Hispanic population and our English Language Learners to have access to our AICE program. Verbal component

Computer Science

a course that was very popular in AP. This would allow students alternative options of the same course with different approaches to learning.

English Language

a course that offered an extension to our General Paper course and encourage a critical response to texts in a range of forms, styles and contexts, and to promote skills of communication, reading, research and analysis.

Biology

a course that was available to all our students and would serve our middle school students since this is a course most take in 8th grade.

Business

a course that would attract our students interested in vocational education and the business field.

Thinking Skills

a course that requires the successful completion of Algebra 1. Most middle school students in our feeding schools take Algebra 1 in 8th grade.

Chinese

Supported our Asian population (3%). Cypress Bay had a teacher that showed interest in teaching the course and has had 100% success rate since.


Music

a course that would attract our Fine Arts students and that offered a hands-on learning approach. Cypress Bay students have high interest in Music and Fine Arts.

ACADEMIC ENGAGEMENT THROUGH DIVERSE COURSE OFFERINGS

Pre-Aice English Language
General Paper (9-12)
General Paper (G)
English Language AS/A
English Literature AS/A
Global Perspectives AS/A
Global Perspectives (Holocaust)
Global Perspectives (Science)
Global Perspectives/Model UN
Global Perspectives (Business)
Media Studies AS/A
Pre-Aice Math
Thinking Skills AS/A
Thinking Skills (FBI)
Information Technology (FBI)
Travel & Tourism

Biology
European History
Spanish Language
Music
Math AS/A
Computer Science AS/A
Environmental Mgmt. AS
Marine Science AS/A
Psychology AS/A
Sociology
Chinese AS
French AS
Classical Studies AS/A
Spanish Language AS
Spanish Language (Speakers)
Painting & Related Materials
Business 1, 2 AS/A

 Cambridge Assessment
International Education

2023-2024 Course Card Based on Student Interest

- Courses are offered based on student and teacher interest
- Teacher selections are made based on --strengths in the subject area
- understanding of teaching and learning
- interest to teach the course
- Some Cambridge teachers also teach AP courses

AS/A
Levels

AS

Year 1 of
A Level

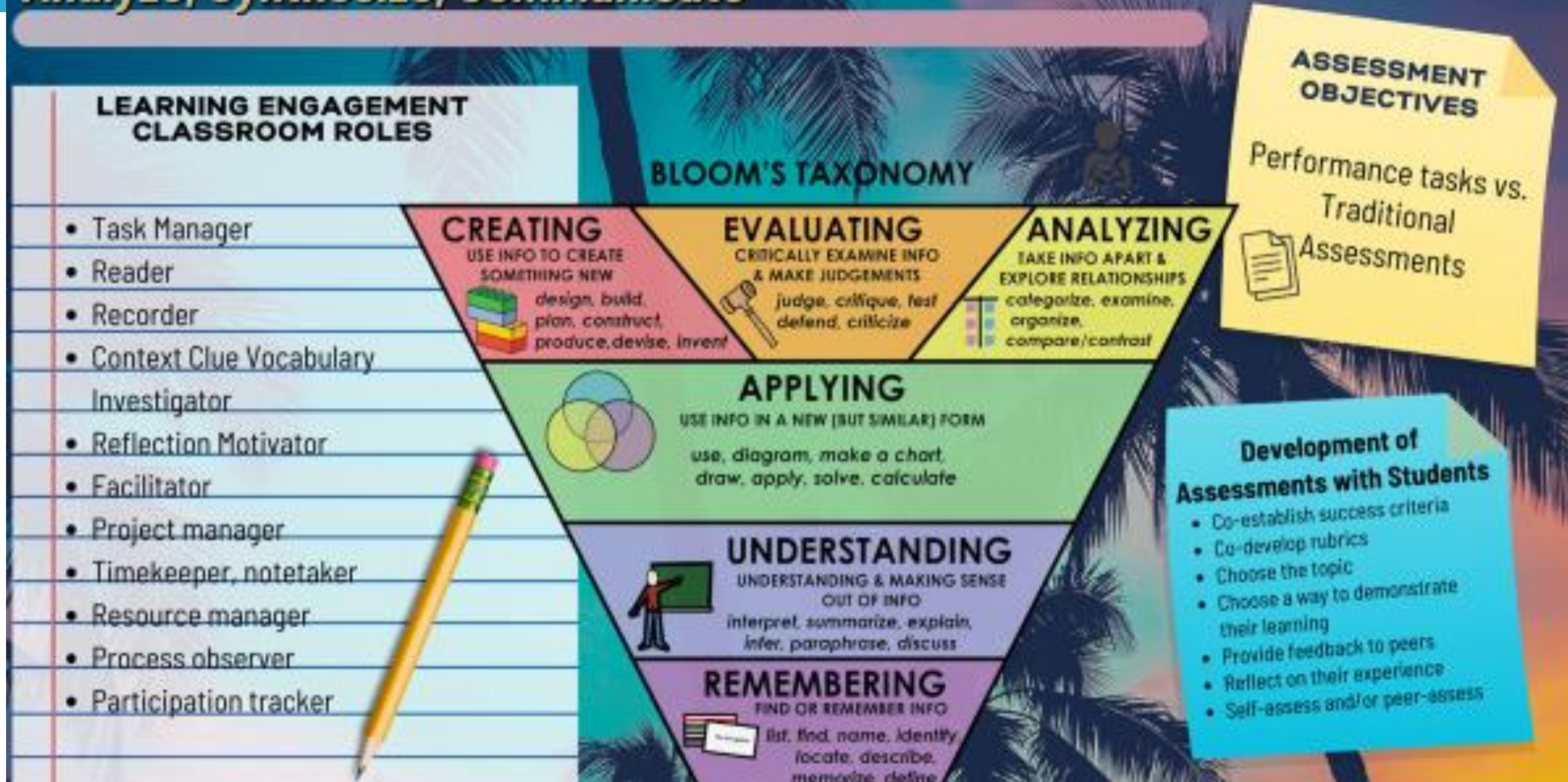
A

The 2nd
year of A
level



Cypress Bay High School
COURSE SELECTIONS

Academic Engagement in the Classroom: Analyze, Synthesize, Communicate



Cambridge Schools Conference, Orlando, 23-24 June 2023

Creating a positive environment for academic success

#camschoolsconf

Intellectual Engagement



Curriculum Mapping

- increase intellectual engagement.
- identifying and understanding gaps.
- tailoring teaching strategies
- develop clear objectives that address the assessment objectives.



Instructional Practices: Questioning

High Quality Questions =
High Quality Opportunity for Learning

- Stimulates thinking
- Clarifies Misconceptions
- Reveals Misconceptions
- Deepens Understanding
- Provides Perspectives
- Helps students make connections



Instructional Practices: Technology

**Cypress Bay is a 1 to 1
technologically driven school**

- Promote **Collaboration**
- Foster **Creativity**
- Facilitate **Communication**
- Encourage **Critical Thinking**

Intellectual Engagement



Instructional Practices: Student Grouping

- activities that increase intellectual engagement.
- identifying and understanding gaps.
- tailoring teaching strategies to meet students' diverse learning styles and needs.
- develop clear objectives that address the assessment objectives.



Instructional Practices: Student Grouping

Visible characteristics for success

- Specific meeting or working spaces
- Resources readily available
- Routines established
- Student Centered Environment

Invisible Characteristics for Success

- data used in planning
- appropriate timing in unit
- self-assessments



Instructional Practices: Student Reflection

Reflection makes learners ponder and think recursively.

- **Restate** - What did you learn?
- **Reach** - What is your opinion?
- **Remember** - Relate to your experience
- **Respond** - with a question



Turn & Talk



What traits or qualities does your school community already possess or display that help to cultivate and foster a Cambridge School Community?



Cambridge Schools Conference, Orlando, 23-24 June 2023

Creating a positive environment for academic success

#camschoolsconf

Curating Connections

Cambridge coursework correlates to workplace readiness and life skills.

Students utilize these skills to be involved in clubs/organizations in our school and surrounding community.

Problem-solving process and methods required for event planning and building uniting, humanitarian efforts require Cambridge-style divergent thinking skills

All these core values require the core Cambridge value to be successful: confident, reflective, responsible, engaged, innovative.

Cambridge Schools Conference, Orlando, 23-24 June 2023

Creating a positive environment for academic success

#camschoolsconf



Cambridge Schools Conference, Orlando, 23-24 June 2023

Creating a positive environment for academic success

#camschoolsconf

CAMBRIDGE & FBI PARTNERSHIP

Course Requirements

- The only FBI Program in the nation
- obtain skills in the high-demand cyber field
- practical exercises, case presentations that require critical analysis
- Cambridge Teacher-Driven

TOP SECRET

First Year:
AICE Informational Technology

Second Year:
AICE Thinking Skills
Comprehensive Law

Third Year:
Global Perspectives

Prerequisites:
AICE English General Paper or
AICE English Language

Cambridge Schools Conference, Orlando, 23-24 June 2023

Creating a positive environment for academic success

#camschoolsconf



Building Inclusive Curriculum

Pre-AICE English Language

- Engages students in the foundational writing skills that is demanded in AICE courses
- offers students a more flexible program as they start their Cambridge journey
- Prepares students for the subsequent courses in the AICE program

English General Paper

- 9th grade EGP Gifted
- 9th Grade EGP - Developmental:
-Reading/English certified teacher

Considerations for Placement

- *Mid-level 2 to Mid-level 3 students
- *Teacher Recommendation
- * Classroom Performance

Pre-AICE Mathematics

- offered to students in 10-12th grade
- allows students to develop their mathematical knowledge and skills
- Teacher recommendation is required

Word Scramble Game

Unscramble the common Cambridge themed words on the handout as a group.
The first group with the most correct answers... wins!

EXAMPLE

ABGEMRCID **CAMBRIDGE**



Cambridge Schools Conference, Orlando, 23-24 June 2023

Creating a positive environment for academic success

#camschoolsconf



Student Recruitment

- Teacher recommendation
- Student Interest
- Look at historical data:
- Recruit during our school nights & events

Building a Home-School Connection

- Parents are part of the decision-making
- Support Staff discuss the benefits of Cambridge
- Data Review & Progress Monitoring
- Schedule changes with minimal interruption



Teacher Student Support



LEVEL UP Initiative

- AICE teacher develops a transition plan for student
- Easing-In Plan & Progress Monitoring Plan is established
- Students can opt out of Cambridge courses at any point
- Students can return to an Honors level course if they are not successful



Cambridge School & Community Support

Cambridge Coordinator

- Assess and lead the professional needs of Cambridge teachers.
- Provide teaching and learning support tools from Cambridge School Hub.
- Develops and establishes relationships with families to create an effective home-school connection.
- Increases awareness of the positive impact of the Cambridge program to the school community
- Monitors and analyzes student data.
- Prepare, manage, and administer Cambridge Assessments.

Advanced Academics Liaison Guidance Support

- Personalize students' Cambridge pathways (counsels, guides, monitors progress).
- Conducts classroom visits to discuss program progression requirements.
- Assist students in areas of academic achievement, personal or social development, and career exploration.
- Collaborate with families/teachers/administrators/community for student success.
- Assess student needs and challenges.



Teacher Support Hub

Teaching Resource Materials

All about Cambridge

Conference Opportunities

Course specific syllabi








Course specific training information

Exam Information


canvas


canvas

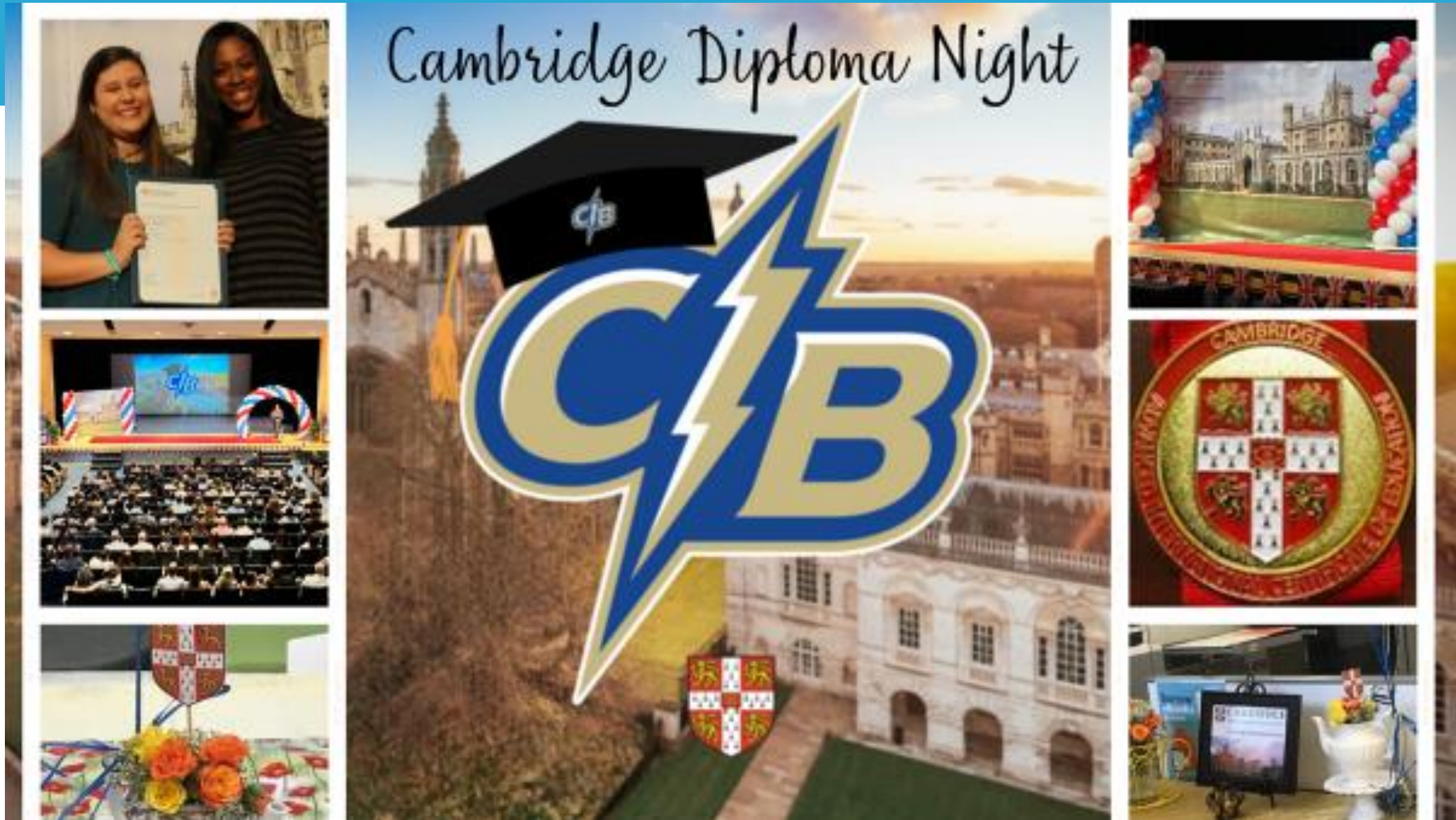




Cambridge Schools Conference, Orlando, 23-24 June 2023

Creating a positive environment for academic success

#camschoolsconf



Cambridge Schools Conference, Orlando, 23-24 June 2023

Creating a positive environment for academic success

#camschoolsconf



Cambridge Schools Conference, Orlando, 23-24 June 2023

Creating a positive environment for academic success

#camschoolsconf



THE CAMBRIDGE/CYPRESS BAY STUDENT PROFILE

Creative & Critical Thinkers



Effective Communication



Collaboration



Entrepreneurship



Flexible and Adaptable



Receptive & Reflective to Feedback



Leaders



Open-Minded



Self-Directed Learners



Academic Risk Takers



What's Ahead?

- Continued Support/Resources
- Forming Stronger Connections
- Pre-AICE English Language
- English General Paper-Developmental
- Building on Teaching and Learning
- Continue to expand and diversify our FBI Program
- Level Up Initiative



Over to the audience ...

slido



What does Cambridge consider as an essential factor in the development of their assessments and curriculum?

- ① Click **Present with Slido** or install our [Chrome extension](#) to activate this poll while presenting.

Over to the audience ...

slido



A student who is not intimidated nor embarrassed to share his views or show his work displays which Cambridge attribute?

- ① Click **Present with Slido** or install our [Chrome extension](#) to activate this poll while presenting.

Over to the audience ...

slido



A Cambridge student that thinks about their academic growth or what they have learned possesses which attribute?

- ① Click **Present with Slido** or install our [Chrome extension](#) to activate this poll while presenting.

Over to the audience ...

slido



A Cambridge student that is equipped to participate constructively in society and the economy – locally, nationally, and globally and bring new ideas possesses which attribute?

- ① Click **Present with Slido** or install our [Chrome extension](#) to activate this poll while presenting.


Over to the audience ...

slido



What are the 5 Cambridge Attributes?

- ① Click **Present with Slido** or install our [Chrome extension](#) to activate this poll while presenting.



**"Every success story is a tale of
constant adaptation, revision, and change."**

Cambridge Schools Conference, Orlando, 23-24 June 2023

Creating a positive environment for academic success

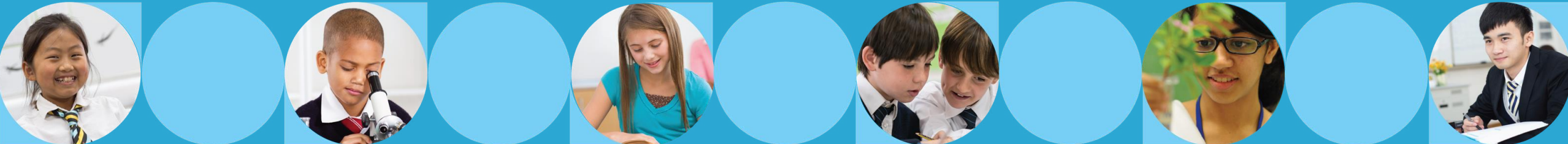
#camschoolsconf



Cambridge Assessment
International Education

Cambridge Schools Conference, Orlando
23-24 June 2023
#camschoolsconf

Thank you
Any questions?



Your feedback

- ▶ Please let us know your views on this session
- ▶ Scan the QR code and share your feedback with us



Learn more!
Getting in touch with Cambridge is easy

Email info@cambridgeinternational.org
or telephone +44 1223 553554

