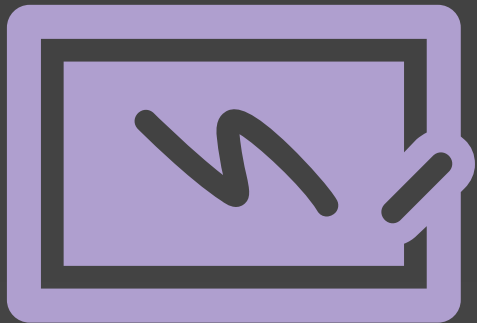




Superintendent E. Wayne Gent



ST. LUCIE PUBLIC SCHOOLS

HIGH SCHOOL MAGNET/ ATTRACTOR PROGRAMS

November 27, 2019

AGENDA OVERVIEW

- General Session
 - Overview | Dr. Helen Wild
Chief Academic Officer, Office of Teaching and Learning
- School Presentations
- Break-out “Open House” Sessions

HIGH SCHOOL PROGRAMS

- All schools offer rigorous college courses and career themed courses leading to college credit and industry certifications.
- Magnet/Attractor programs offer additional choice

OVERVIEW OF MAGNET/ATTRACTOR PROGRAMS

- Two Types of Magnet/Attractor Programs:
 - **College Level Programs:** Lead to College Credit
 - **Career, Technical/ Programs:** Lead to College Credit and Industry Certification

OVERVIEW OF MAGNET/ATTRACTOR PROGRAMS

College Level Programs

Special Features:

- **Rigorous** courses expose students to **college** curriculum while in high school
- Better **prepared** for college
- **Competitive** transcripts for entrance and **scholarships**
- Exposure to national and international curriculum
- **Reduces college expenses** for families

OVERVIEW OF MAGNET/ATTRACTOR PROGRAMS

- **College Level and Career Programs**
 - International Baccalaureate
 - Marine Oceanographic Academy
 - Aerospace and Engineering
 - Agricultural Science
 - Veterinary Science

OVERVIEW OF MAGNET/ATTRACTOR PROGRAMS

- International Baccalaureate
 - Full Time Diploma Program:
 - Lincoln Park Academy
 - Port St. Lucie High School
 - Part Time Flexible Program
 - Port St. Lucie High School

OVERVIEW OF MAGNET/ATTRACTOR PROGRAMS

- Aerospace and Engineering: Fort Pierce Central
 - Combination Career, Technical Program and Dual Enrollment College Credit Program
 - Partnership with Embry-Riddle Aeronautical University, renowned institution in the field
 - High Tech Lab and University Faculty Instructor

OVERVIEW OF MAGNET/ATTRACTOR PROGRAMS

- **M**arine **O**ceanographic **A**cademy: Westwood
 - Partnership between Fort Pierce Westwood and Florida Atlantic University at Harbor Branch Oceanographic Society
 - Study the Field of Science with Nationally Renowned Scientists on the Intercoastal
 - On-Campus Courses include Dual Enrollment (IRSC and FAU), Advanced Placement and **A**dvanced **I**nternational **C**ertificate of **E**ducation

OVERVIEW OF MAGNET/ATTRACTOR PROGRAMS

- **Veterinary Science: Westwood**
 - Become a Certified Veterinary Assistant
 - Class in a small animal lab setting
 - Surgeries are done with the assistance of local veterinarians in the school's working lab
 - Articulation agreement leading to college credit

OVERVIEW OF MAGNET/ATTRACTOR PROGRAMS

- **Agricultural Science: Westwood**
 - Hands-on program involving the animal science, horticulture, plant biotechnology, and related technologies
 - Become a Certified Agricultural Technician

OVERVIEW OF MAGNET/ATTRACTOR PROGRAMS

- STEAM Magnet: Westwood
 - Pharmacy Technician
 - Health Science Coordinator
 - Computer Science
 - Robotics

OVERVIEW OF MAGNET/ATTRACTOR PROGRAMS

Fort Pierce Westwood Academy
The WEST Prep Magnet

- Building upon existing strong programs
- Emphasis in **Science, Medicine and Technology**

PROGRAM ADMISSIONS CRITERIA



ADMISSIONS CRITERIA

- Specific to Programs
- Invited to Magnet/Attractor Night based on
 - Level 3 or higher in: FSA ELA (Reading/Writing) *and* applicable math exam [FSA Math, Algebra EOC or Geometry EOC]
- Demand is high and capacity is limited
- Admission is not guaranteed

APPLICATION PROCESS



OVERVIEW OF MAGNET/ATTRACTOR PROGRAMS

- Students/Parents should review entry criteria for program of interest
- Applications available
 - SLPS website

APPLICATION TIMELINES

- **Two rounds of applications:**
 - Round One: November 20, 2019 to December 13, 2019
 - Round Two: January 6, 2020 to January 13, 2020
- **Notifications sent:**
 - Round One: December 20, 2020
 - Round Two: January 27, 2020
- Applications due for first round by December 13th

SPECIAL NOTES

- Students may apply for **ONE** Magnet/Attractor per round.
- Communication for acceptance/denial is done through **email**.
- Parent **MUST** accept the seat **through email** to be fully registered for the program

SPECIAL NOTES

- Transportation provided through community hubs, more **limited** than attendance zones
- Distance to bus stop may be further than bus available for zoned school
- Students must remain in the program. Students who drop program coursework will be reassigned to zone school

SELECTING A PROGRAM

- Selecting a Program

1

- Learn about programs and criteria

2

- Discuss all your options

3

- If applying, check that application is complete

SCHOOL PRESENTATIONS

- Westwood: Principal Joseph Lezeau
- Port St. Lucie High: Principal Brooke Wigginton
- Lincoln Park Academy: Principal Henry Sanabria
- Fort Pierce Central: Principal Monarae Miller-Buchanan

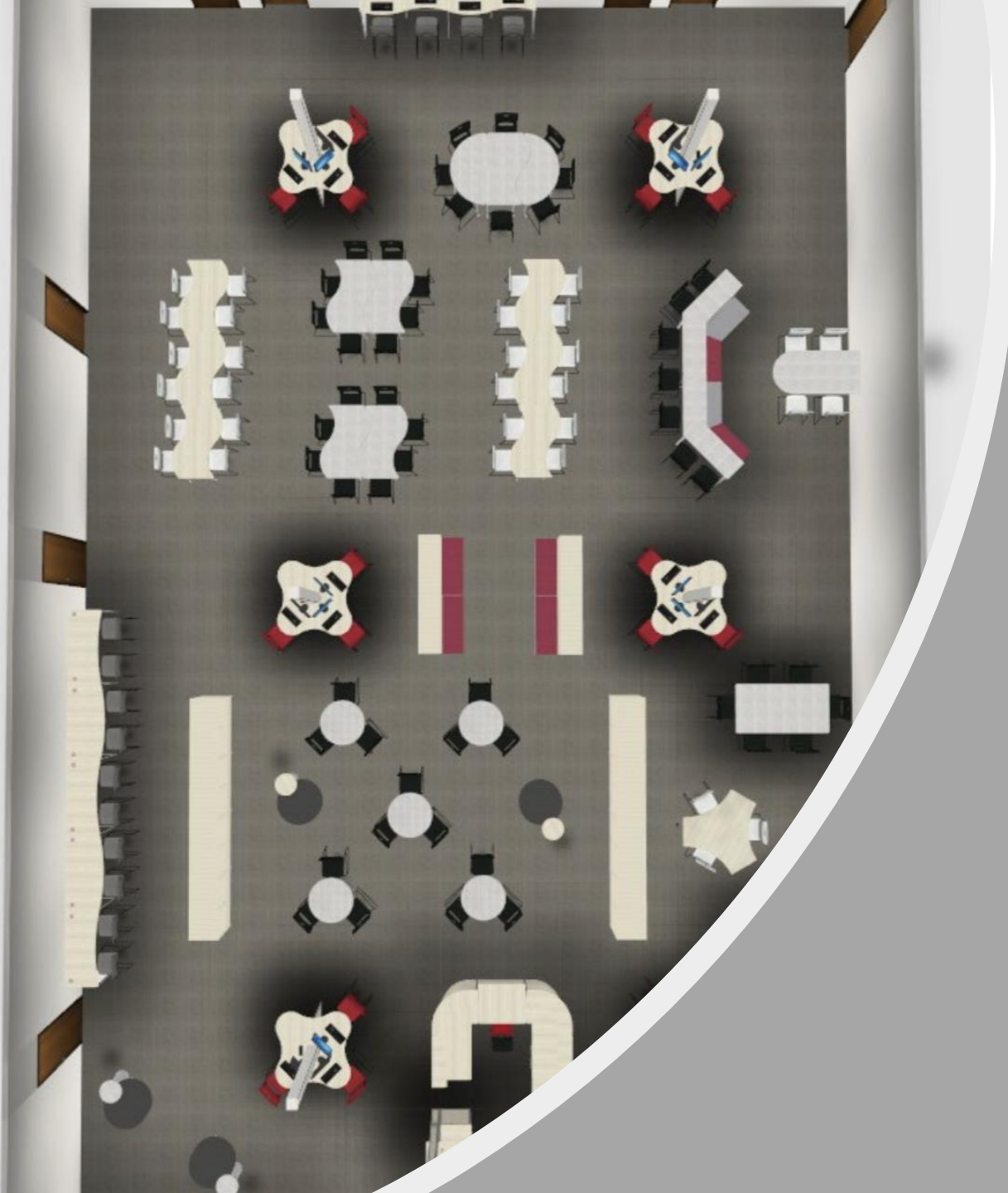






FORT PIERCE
WESTWOOD ACADEMY
THE WEST
PREP MAGNET

New Learning Commons





FORT PIERCE
WESTWOOD ACADEMY
THE WEST
PREP MAGNET



New Learning Commons



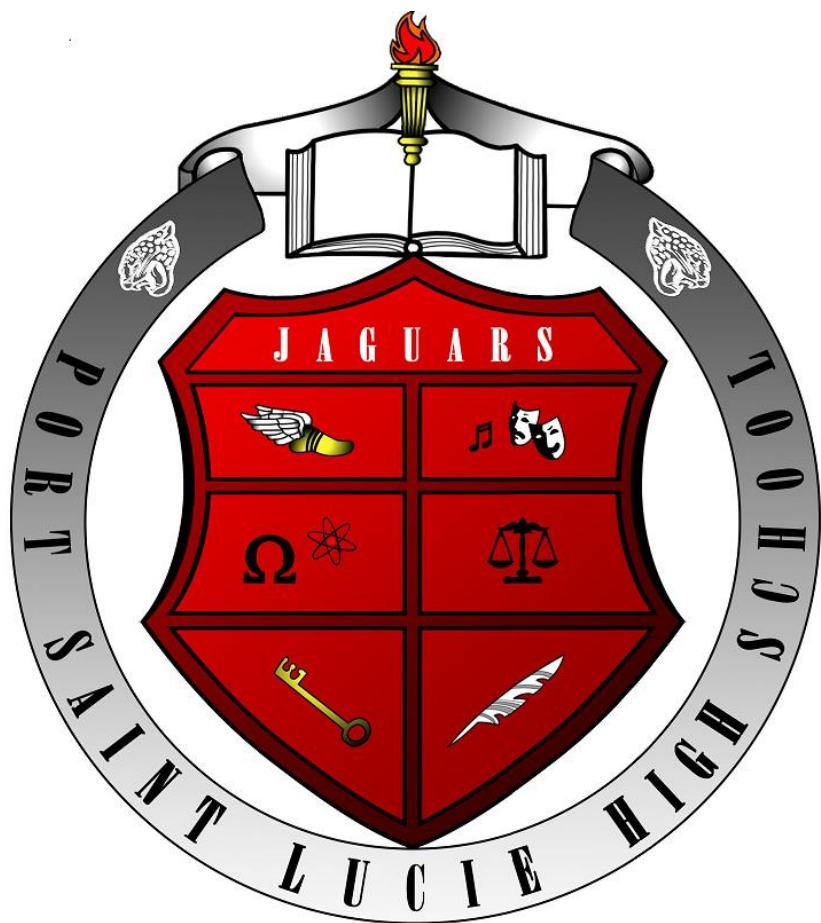
NASEF
NORTH AMERICA SCHOLASTIC
ESPORTS FEDERATION™
Game. Grow. Learn. Lead.™



Esports Club Team



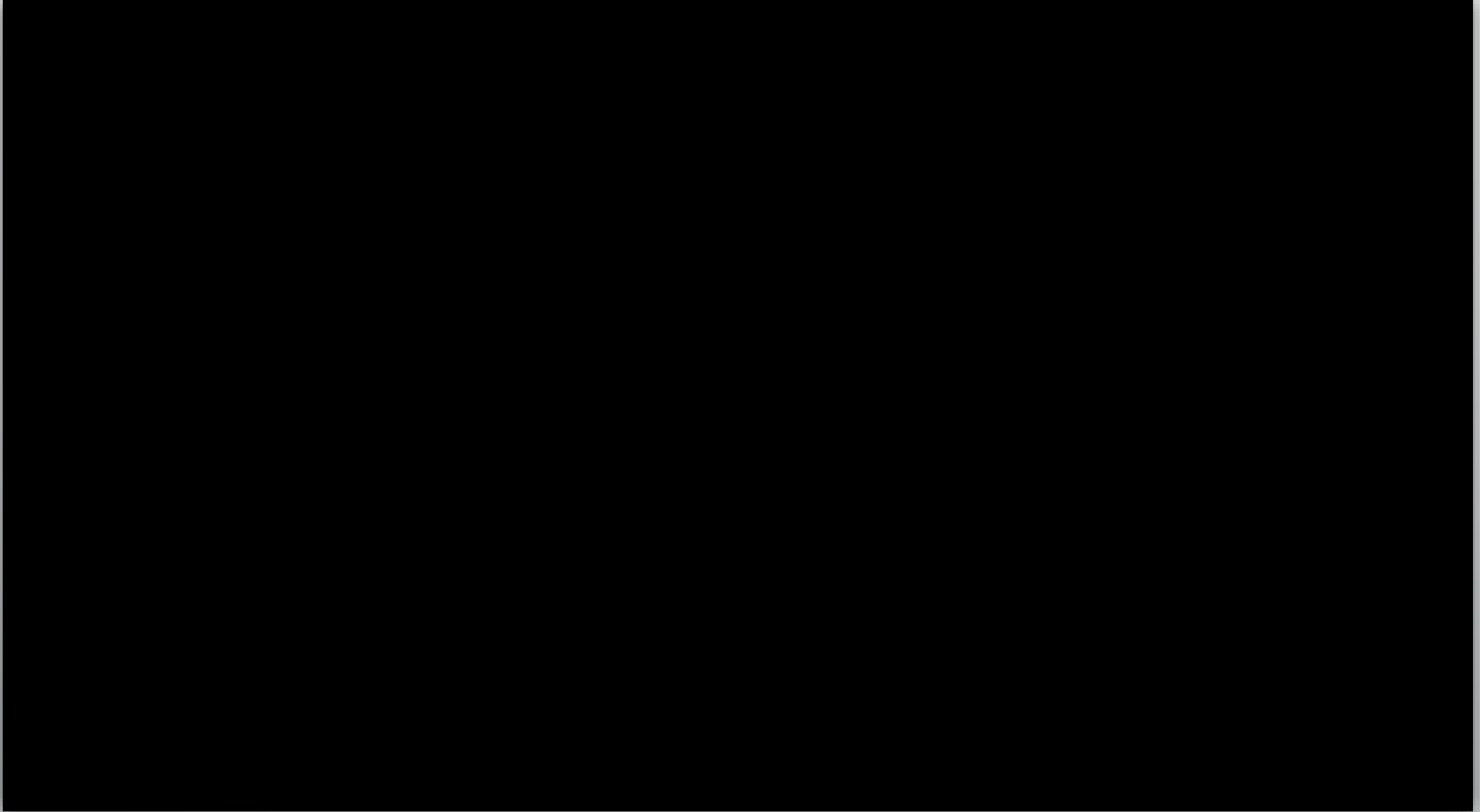
FORT PIERCE
WESTWOOD ACADEMY
THE WEST
PREP MAGNET



The mission of Port St. Lucie High School is to ensure all students feel safe and cared for, equipped with the knowledge, skills, and desire to succeed.

Every Student Future Ready

Welcome!!





Our IB Program!

- Choose to enroll fully in the IB Diploma program or from a “menu” of IB courses including an expanding of Performing Arts courses!
- The “menu” may be combined with dual enrollment, AP or AICE courses, JROTC, and all of our CTE programs.
- Students may be fully or part-time enrolled...participating in what they love!
- Students are “well-rounded” and better prepared for college and the future.

IB Courses

- Students can earn a full IB diploma taking a combination of courses selected from:
 - Language & Literature
 - Spanish
 - History of the Americas
 - Psychology
 - Biology
 - Chemistry
 - Sports Exercise Science
 - Math Studies/Differential Equations
 - Theater
 - Dance
 - Music
 - Film Studies



Combination IB + AP

- AP Courses: AP English Language, AP English Literature and AP US History



- In Upper School, students may also take advanced level courses in English, social studies, science, and math

Career Academy

Program	IRSC Articulation - Credit
Allied Health Assisting (Medical)	up to 3 semester hours
Automotive Service Technology	up to 26 semester hours
Biomedical/Biotechnology	Up to 12 semester hours
Carpentry	up to 3 semester hours
Culinary Arts	Up to 6 semester hours
Digital Design	Up to 12 semester hours
Drafting/Illustrative Design	Up to 9 semester hours
Electrocardiograph Aide	Up to 350 clock hours of credit
TV Production	Up to 6 semester hours

Industry Certifications



- Adobe Photoshop
- Adobe Illustrator
- ASE Automotive Service Excellence
 - MLR Brakes
 - Master Technician
- Medical Administrative Assistant
- Athletic Training
- Biotechnology
- NCCER National Center for Construction Education and Research (Carpentry)
- Culinary Operations
- Chief Architect Apprentice (Drafting)
- EKG Certified Technician
- Serve Safe
- Television Production
- CIW (Internet Business Associate)

Jaguar School of Medicine

- Biomedical/Biotechnology
- Allied Health
- IB Sports Exercise/Athletic Training
- Psychology
- HOSA



Dual Enrollment

- *PSLH offers transportation to IRSC for Dual Enrollment opportunities!*
- Students can take select Dual Enrollment courses combined with IB, AP, and AICE classes!



Clubs and Activities



- Academic A-Team
- Robotics Club
- Math Club
- Etiquette Club
- First Priority
- Gay-Straight Alliance
- HOSA (Health Occupations Skills Association)
- JROTC Raiders
- Kindness Club
- SkillsUSA
- Spanish Honor Society
- National Honor Society
- Special Olympics Program
- Student Government Association
- Multicultural Club

Port St. Lucie High School IB

- Please come join us after this general session!
 - Get more detailed information about our school and its programs
 - Speak individually with IB students
 - Speak directly with IB teachers about their courses



Lincoln Park Academy

International Baccalaureate Program

Henry Sanabria: Principal

Carol Kuhn: IB Coordinator



Questions and Answers by Lincoln Park Academy
Diploma Program Students



Lincoln Park Academy



National Rankings

2019 Best High Schools from US News and World Report

- 1 of 4 on the Treasure Coast
 - Ranked 1411 in National Rankings
 - Ranked 180 in Magnet High Schools
 - Ranked 75 in Florida High Schools

2020 Top Stem High Schools from Newsweek

- Ranked 3277 in National Rankings



International Baccalaureate





Lincoln Park Academy



Additional Points of Pride Include:

- 100% Graduation Rate
 - Highest on Treasure Coast
- “A” School for 18 Consecutive Years
- 2019 College Success Award Recipient



International Baccalaureate





International Baccalaureate

- Lincoln Park Academy's International Baccalaureate Diploma Program is designed to meet the needs of highly motivated, academically-oriented students.
- This world-class education ensures a standardized curriculum and a balanced array of assessment methods.



LPA IB Middle Years Program

Preparation for the LPA IB Diploma Program begins in 9th grade

- Our traditional academic emphasis engages students as inquirers and problem solvers who reflect on how, what, and why they are learning.
- 9th and 10th grade IB MYP classes are designed to be more accelerated than honors classes.
- After successfully completing IB MYP courses, the student gains IB Diploma Program status in 11th grade.



LPA *Pre* IB Program Requirements

Students are selected based on the following criteria:

- cumulative 3.0 GPA in middle school
- minimum achievement level of 3 on the FSA reading and math
- successful completion of Algebra I
- sample essay
- motivation demonstrated by excellent attendance and good conduct





LPA Middle Years Program



9th Grade Schedule:

- IB MYP Eng 1
- Geometry or Alg 2
- IB MYP Biology
- Economics/AP US Gov't
- Inquiry Skills/AP US Gov't
- IB MYP Spanish 1 or French 1
- Elective

10th Grade Schedule:

- IB MYP Eng 2
- Alg 2 or IB Pre-Calc
- IB MYP Chemistry 1
- AP World History
- IB MYP Spanish 2 or French 2
- Elective
- Elective



LPA International Baccalaureate Curriculum

- **Group 1: Studies in Literature**
Literature
- **Group 2: Language Acquisition**
Spanish French
- **Group 3: Individual & Societies**
History of the Americas
Psychology
- **Group 4: Experimental Sciences**
Biology
Chemistry
- **Group 5: Mathematics**
Mathematics
Math Studies
- **Group 6: Arts & Electives**
Music
Theatre



Extended Essay

Creativity, Activity, Service (CAS)

Theory of Knowledge (TOK)





Industry Certification Through CTE



**Civil Engineering
and
Architecture**

C.A.P.E./Adobe Academy





Colleges and Universities Attended by IB Graduates



In State:

- University of Florida
- Florida State University
- Florida Institute of Tech.
- University of South Florida
- University of Central Florida
- University of North Florida
- Flagler College
- University of Miami

Out of State:

- US Military Academies
- The Citadel
- Princeton University
- Harvard University
- Johns Hopkins University
- M.I.T
- Stanford University
- Penn State
- Duke University



IB is a Community of Learners





LPA Academic Excellence

Lincoln Park Academy's standard of excellence continues to encourage pride in the accomplishments of our students from past to present...the tradition lives!



IB Theatre

LPA International Baccalaureate

Balanced

Principled

Active

Knowledgeable

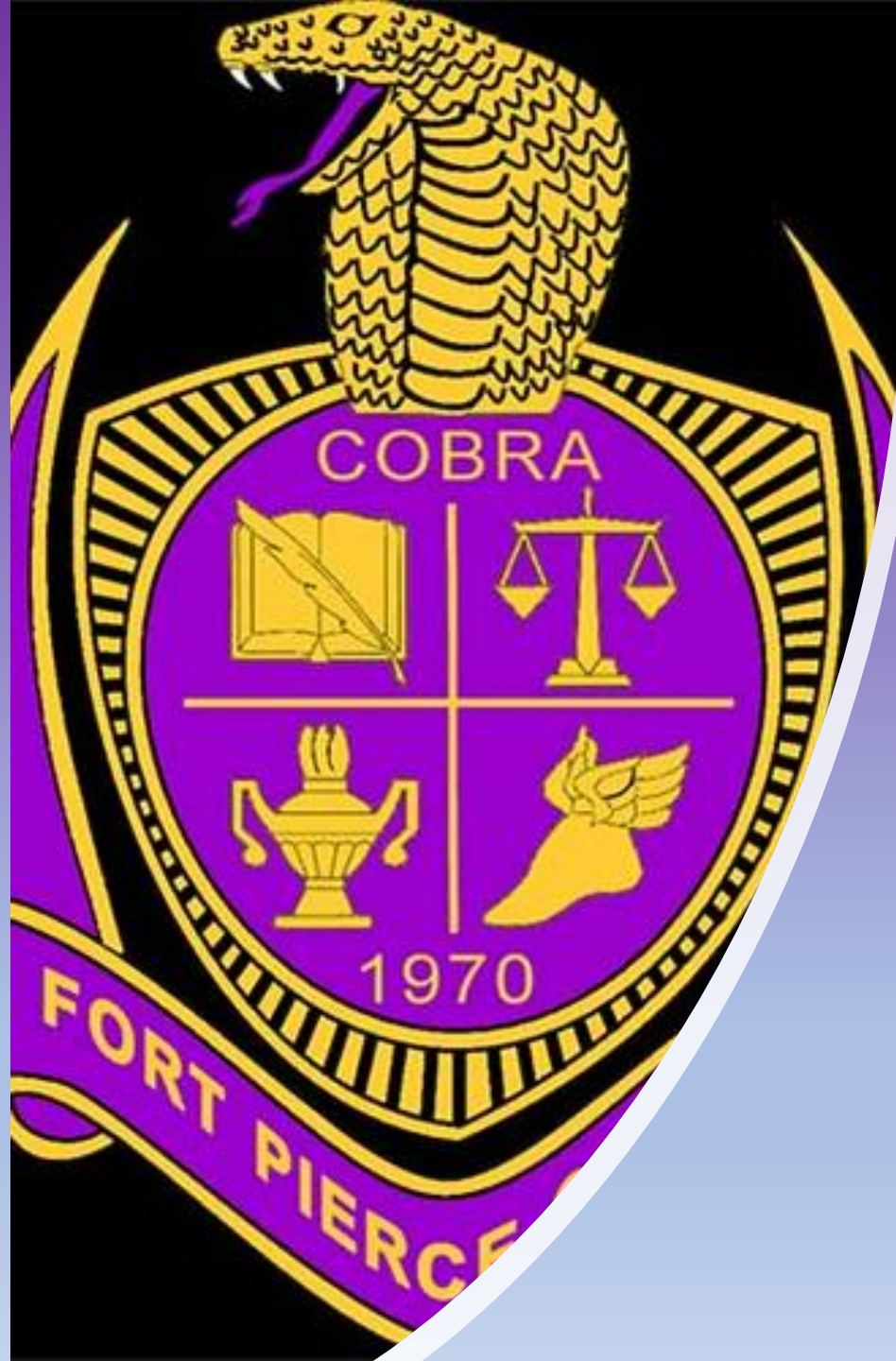
Compassionate

Open-Minded

Internationally minded

*Young people who contribute to the global
community*

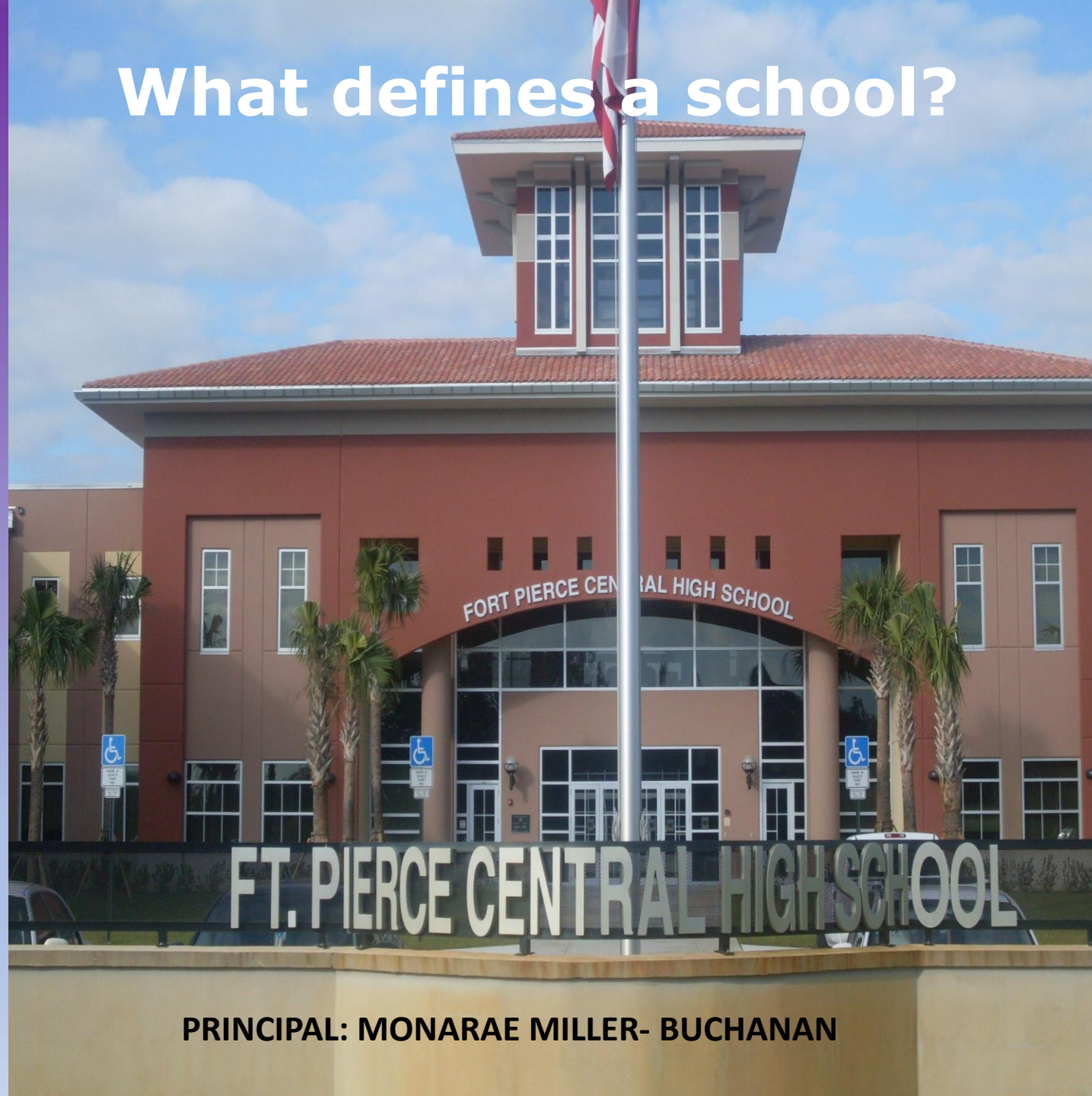




PRIDE
MAKES THE
DIFFERENCE!



What defines a school?



PRINCIPAL: MONARAE MILLER- BUCHANAN



FPCHS

CELEBRATES 50 YEARS OF EXCELLENCE

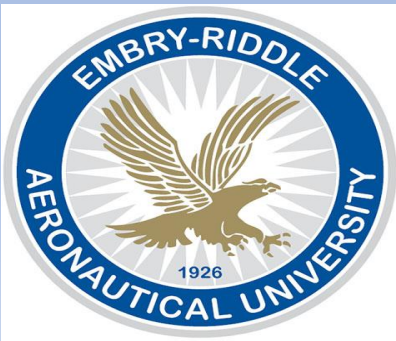
WE ARE PROUD OF OUR ACCOMPLISHMENTS!





FPC AEROSPACE AND ENGINEERING ACADEMY





Embry-Riddle Aerospace and Engineering Academy



Embry-Riddle Aerospace and Engineering Academy

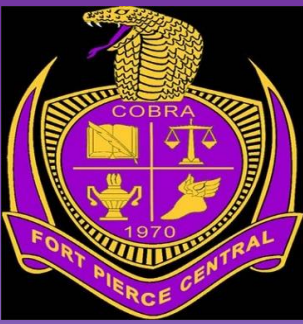
Coursework in: **Engineering, Science, Aviation**

- Intended for students with an interest in:
- All engineering disciplines
- Physical/Life Sciences
 - Mathematics Aviation
 - Professional (law/medicine)



Embry-Riddle Among Nation's Best in Undergraduate Engineering, Aerospace Engineering for 2020 - U.S. News & World Report





Embry-Riddle Aerospace and Engineering Academy

- Benefits:

Transcript/transferable

Analytical/critical thinking

No program cost

Complements HS curriculum

Reduced college cost/time

College success, strategies/plan

- Challenging - Applied – Experiential - Broadly Applicable

- Fly Design/Construct/Test

- Internships Laboratories/Forecast





**BEYOND THE
CLASSROOM**



Professor Bispham...
Dr. Bispham
Jeffrey.bispham@erau.edu





- ✓ **Teacher Recommendation**
- ✓ **3.0 or Higher GPA**
- ✓ **Maintain 3.0 Throughout Enrollment In Program**
- ✓ **Currently Enrolled In Algebra I Honors or Geometry Honors**
- ✓ **Demonstrate Passing Scores On Florida State Assessments**





Why FPC ?



- Progressive School
- Rigorous Academics
- Professional Atmosphere and Climate of Respect
 - Documented Academic Success
- Opportunity to enroll in courses with a leading private university!



PRIDE MAKES A DIFFERENCE!

CHALLENGE YOURSELF!
CHALLENGE OUR STUDENTS!
CHALLENGES CREATE CHANGE!



EMBRACE THE CHALLENGE!



**FPC
AEROSPACE
AND ENGINEERING
ACADEMY.**

Thank you, students and parents, for participating in
Magnet/Attractor Night !

The mission of the St. Lucie County School District is to ensure all students graduate from safe and caring schools, equipped with the knowledge, skills and desire to succeed.

