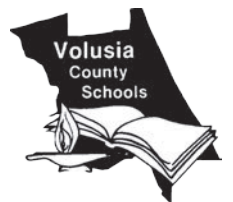


NAVIGATE YOUR
Future
2017-2018



VOLUSIA COUNTY SCHOOLS

11th ANNUAL HIGH SCHOOL *Showcase*



WELCOME 8TH GRADE PARENTS AND STUDENTS



Dear Eighth Grade Students and Parents:

Welcome to Volusia County Schools High School Showcase. This is an excellent opportunity for middle school students and their parents to learn about all of the outstanding programs and career academies available to high school students in Volusia County Schools.

Volusia County Schools was recognized as a **Next Generation Learning Community (NGLC) at the Leadership Level** with Model-Track Community designation by the Ford Motor Company Fund, the philanthropic arm of Ford Motor Company. Volusia County Schools received these recognitions for our successful career academies; for our vision, innovation, and leadership; and for our sustained educational competence. Tonight we invite you to visit those academies and other programs offered by our high schools.

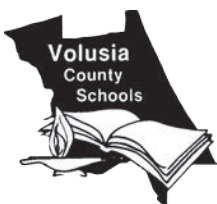
The High School Showcase highlights the many educational choices and programs that are tailored to meet the diverse needs of our students. Parents are encouraged to explore the offerings available at each of our high schools and become actively involved in selecting the programs and/or academies that match the interests, needs, and abilities of their children.

We want our students to have a positive high school experience and are dedicated to creating an educational environment that responds to student career interests, celebrates cultural and ethnic diversity, and fosters student academic achievement. Further, we are committed to our students graduating ready for both the workforce and post-secondary education.

Please use this opportunity to consider all the options available so that together you can make the best choice for a happy and successful high school career.

Sincerely,

Tom Russell
Superintendent of Schools



FORD
NEXT GENERATION
LEARNING 
Volusia County, Florida

TABLE OF CONTENTS

OUT-OF-ZONE VARIANCES, ADMISSION CRITERIA, AND APPLICATION TIMELINE	4
GEOGRAPHIC SERVICE AREAS BY CAREER CLUSTER	5
ATLANTIC HIGH SCHOOL	6
DELAND HIGH SCHOOL.....	8
DELTONA HIGH SCHOOL	10
MAINLAND HIGH SCHOOL	12
NEW SMYRNA BEACH HIGH SCHOOL	14
PINE RIDGE HIGH SCHOOL	16
SEABREEZE HIGH SCHOOL.....	18
SPRUCE CREEK HIGH SCHOOL	20
T. DEWITT TAYLOR MIDDLE/HIGH SCHOOL	22
UNIVERSITY HIGH SCHOOL.....	24
VOLUSIA ONLINE LEARNING.....	26
NOTES.....	27

OUT-OF-ZONE VARIANCES, ADMISSION CRITERIA, AND APPLICATION TIMELINE

For the 2017-2018 school year, Volusia County Schools has 40 career academies in 10 high schools.

Career academies are small learning communities that combine a college-preparatory curriculum with a career focus. Academies provide unique learning opportunities through extensive business partnerships, integrated instruction, hands-on learning, field studies, service learning, career shadowing, co-ops, and internships. Teacher teams, in conjunction with business partners, provide the real-world skills necessary for students to be successful in today's work environment. Each academy has post-secondary dual enrollment and industry certification options. A student has the opportunity to attend an academy of choice; however, proper out-of-zone variances, transportation, and admission criteria apply.

OUT-OF-ZONE VARIANCES

- Subject to Volusia County School Board Policy 203, a student may apply for an out-of-zone variance to attend a school other than his/her assigned zoned school.
- In the event that the student ceases to be enrolled in the career academy for which the out-of-zone variance is approved, the student is required to return to the school assigned to the attendance area based on residence.
- Variance application submittal is not necessary for a student applying to career academies or International Baccalaureate(IB) programs offered outside his/her assigned high school zone.

Bus transportation to out-of-zone schools

- NO bus transportation is available for a student to attend an out-of-zone high school.
- If the career academy of choice requires a student to attend an out-of-zone high school, the student must provide his/her own transportation.

ADMISSION CRITERIA

- 1) Admission into an academy of choice requires the student to complete the District Career Academy Application for each academy of choice, even when the academy of choice is located at the student's zoned high school.
- 2) The District Career Academy Application is available at the High School Showcase Event; in high school and middle school guidance departments; and at www.career-connection.org.
- 3) District Career Academy Applications are due on or before January 31, 2017.
- 4) Each completed District Career Academy Application is submitted to the Academy Director at the high school offering the academy of choice. Academy Director contact and school address information are located on each school page of this booklet and at www.career-connection.org
- 5) Student eligibility to an academy of choice may be determined by such factors as career academy offerings at the zoned high school, academic performance, attendance, and conduct. A career academy may require other admission criteria.
- 6) When the number of qualified student applicants to a career academy exceeds the number of available positions, a random selection process (lottery) is used to accept qualified applicants.
- 7) If the student is not accepted into a career academy this year, he/she must reapply next year, if interested.

APPLICATION TIMELINE

January 31, 2017	Application Deadline	Students/Parents
February 1, 2017 - March 2, 2017	Application Processing	Academy Directors
February 27, 2017 - March 2, 2017	Mail Acceptance/Denial Letters to Students/Parents	
March 24, 2017	Deadline for *Declaration of Intent	Students/Parents & Academy Directors

**A student may send only ONE (1) Declaration of Intent to an academy in which he/she received written acceptance.*



VOLUSIA COUNTY SCHOOLS

Career Academies 2017-2018



AGRICULTURE, FOOD, AND NATURAL RESOURCES CLUSTER

ANIMAL SCIENCE:

Veterinary ScienceNew Smyrna Beach HS
Aquaculture, Environmental &Atlantic HS
Marine Science

PLANT SCIENCE:

Environmental Technology*University HS

FOOD SCIENCE:

Food Agricultural Science Deltona HS

HOSPITALITY AND TOURISM CLUSTER

Culinary ArtsNew Smyrna Beach HS
Culinary Design Seabreeze HS
Hospitality & Culinary Arts Mainland HS

EDUCATION AND TRAINING CLUSTER

Teaching, Education & Learning – Atlantic HS

ENGINEERING AND TECHNOLOGY CLUSTER

Design & Manufacturing Technology Mainland HS
Engineering Deland HS
Engineering New Smyrna Beach HS
Engineering*University HS
Technology, Engineering, Atlantic HS
Science & Aeronautics

FINANCE CLUSTER

Finance Spruce Creek HS
Finance*University HS

ARTS, AV, COMMUNICATION AND TECHNOLOGY CLUSTER

GRAPHIC, DIGITAL & WEB TECHNOLOGY:

Technology Taylor M/HS
Communication Deland HS
Communication & Multi-Media Mainland HS
Technology
Digital Audio Atlantic HS
Digital Video Production Atlantic HS
Digital & Photography Seabreeze HS

PERFORMING & FINE ARTS:

On Stage: Performing Arts Atlantic HS
Unified Arts Mainland HS

HEALTH SCIENCE AND HUMAN SERVICES CLUSTER

Biomedical*University HS
Health Services Deltona HS
Healthcare Pine Ridge HS
Medical New Smyrna Beach HS
Scientific Inquiry & Medicine Mainland HS

INFORMATION TECHNOLOGY CLUSTER

Game & Simulation Atlantic HS
Game & Simulation*University HS
Information Technology & Robotics Spruce Creek HS
Robotics*University HS
Simulation & Robotics Mainland HS

GOVERNMENT AND PUBLIC ADMINISTRATION CLUSTER

Criminal Justice New Smyrna Beach HS
Law & Government Atlantic HS
International & Political Relations Mainland HS
Public Service Professions/Careers Mainland HS

MARKETING, SALES, AND SERVICES CLUSTER

Entertainment & Sports New Smyrna Beach HS
Marketing
Marketing & Entrepreneurship Atlantic High School
Sports Science Mainland HS

• University High School is closed to Out-of-Zone Students



ATLANTIC HIGH SCHOOL



1250 Reed Canal Road,
Port Orange, FL 32129

Phone:

(386) 322-6100

Principal:

Mr. Jim Tager

Website:

www.myvolusiaschools.org

www.atlanticsharks.com



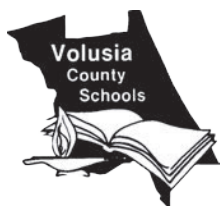
INTRODUCTION

Atlantic High School is a comprehensive high school in Port Orange serving approximately 1,150 students. The school is extremely proud of the excellent educational opportunities available, as well as the high expectations set for students. The heart and soul of the school's success is the dedication and excellence of a caring faculty and the varied and comprehensive curriculum available to all students.

SPECIAL HONORS AND AWARDS:

- Recognized as a National School of Excellence
-  **DISTRICT GOLD LEVEL ACADEMY – Law and Government 2016**
- Annual Family Night event featuring dinner, games, parent information sessions, and guest speakers; winner of 2014 Florida PTA Secondary Parent Involvement Award
- Class of 2016: \$1.4 million in scholarships, 7,119 volunteer hours
- Comprehensive Athletics Program including:
 - 2016 Boys Basketball District Champions/Sweet 16, 2016 Girls Basketball 5 Star Champions
 - 2016 Girls Bowling 5 Star Champions/District Champions/State Runner-Up
 - 2016 Girls Tennis District Champions/5 Star Champions, 5 State Final Four Appearances, 7 Individual State Champions, 2 Olympians
- Power Hour built into daily schedule for remediation, intervention, acceleration, and mentoring
- Several School-Based Enterprise opportunities for students in Special Diploma programs
- DSC dual enrollment courses SLS 1122 Student Success, SLS 2301 Career Development, and DSC EDF 1005 Intro to Teaching on campus
- Dual enrollment opportunities with Embry-Riddle Aeronautical University, Bethune-Cookman University, Keiser University, and Daytona State College
- One of 11 schools statewide to receive 3-year, multi-million dollar School Improvement Grant (SIG)

Atlantic High School offers a unique wall-to-wall career academy environment. That is, every student gets to participate in one of nine career academies. Using a modified block schedule, students benefit from career-focused, project-based learning that prepares them for the highly competitive world. Atlantic High School offers students a multitude of other advantages such as advanced placement (AP), honors-level courses, the Superintendent Scholar Diploma, career and technical education (CTE), and the Commit to Graduate (C2G) program. Atlantic High School has also formed a close partnership with Daytona State College and supports students who wish to pursue dual enrollment opportunities. Atlantic High School encourages involvement in athletics and extracurricular programs as a balance and supplement to academic study. Atlantic High School is committed to ensuring the academic and career success of its students both in the classroom and as contributing members of the community.



CAREER ACADEMIES

Career Academy Facilitator:

Jeremy Ossler jossler@volusia.k12.fl.us

ACADEMY OF LAW AND GOVERNMENT – Gold Level Academy

The ALAG focuses on careers in the areas of law, government and public service, providing information and intern experiences in careers for students who aspire to be lawyers, politicians, police officers, forensic scientists, crime lab technicians, and other law and government related fields.

Academy Director: Jeremy Ossler jossler@volusia.k12.fl.us

AQUACULTURE, ENVIRONMENTAL, AND MARINE SCIENCE ACADEMY

AEMS provides training crucial to Florida's unique environment and prepares students to preserve and protect the earth by working in careers related to aquaculture and environmental services. Students are immersed in ecologically significant projects such as water quality testing, marine life sampling, and invasive species eradication.

Academy Director: Stacey Bell srbell2@volusia.k12.fl.us

ON STAGE: PERFORMING ARTS ACADEMY

On Stage aims to inspire and enrich student creativity through an innovative performing arts curriculum. Career focus in the technical and performance aspects of theatre, chorus, and dance connects students to arts and communications-related careers. Performing arts students perform with the All-State Chorus, Disney Candlelight, Surfscapes Contemporary Dance Theatre, Fringe Festival, Florida State Thespians and earn superior ratings in Chorus, Dance and Drama county and state assessments.

Academy Director: Allison Robertson arobert@volusia.k12.fl.us

TECHNOLOGY, ENGINEERING, SCIENCE, AND AERONAUTICS ACADEMY (TESA)

The Academy, in partnership with Embry Riddle Aeronautical University (ERAU), prepares students to fly unmanned vehicles, airplanes, and introduces them to various aerospace careers. Building airplanes and small UAV's; studying weather and aerodynamics are a few of the opportunities of this exciting new academy. Students have the opportunity to earn concurrent college credit.

Academy Director: Samantha Harrison srharris@volusia.k12.fl.us

DIGITAL VIDEO ACADEMY

Work with producers and directors who make REAL TV shows, movies, and web-series! The Digital Video Academy (DVA) energizes and enhances your original thinking and creativity through the use of state-of-the-art, hands-on, HD video production.

Academy Director: Don Brunning dbrunnin@volusia.k12.fl.us

ACADEMY OF MARKETING AND PROMOTION

The Academy is designed to prepare students for employment and advanced training in the marketing and sales industry. Students develop hands-on skills in advertising, sales, event management, and entrepreneurship through school-based enterprises.

Academy Director: Matt Dixon mpdixon@volusia.k12.fl.us

TEACHING, EDUCATION, AND LEARNING ACADEMY

The Academy allows students to explore a career that needs them now more than ever – teaching! Students take coursework related to teaching theory, practice and early childhood development.

Academy Director: Amy Harms aharms@volusia.k12.fl.us

DIGITAL AUDIO PRODUCTION ACADEMY

The Academy enhances students' skills as musicians, either instrumentally or vocally, through the exploration of studio recording techniques that are used throughout the world. Partnerships with BCU and DSC students provide hands-on experiences in the recording arts.

Academy Director: Jeremy Blackwell jblackw@volusia.k12.fl.us

ACADEMY OF GAMING AND SIMULATION

The Academy explores the video game industry and the skills needed to become successful in this highly competitive industry. Working with the latest technologies, students encounter the fast-paced world of computer games, 2D, 3D and animation, designing and developing game concepts and assets.

Academy Director: Rick Bowrosen rbowrose@volusia.k12.fl.us

OTHER PROGRAMS

ADVANCEMENT VIA INDIVIDUAL DETERMINATION (AVID)

AVID is an internationally recognized, college preparatory program designed to support students in the academic middle for success in advanced high school academics, dual enrollment and AP courses, while increasing eligibility and enrollment opportunities in four-year colleges. The program mission is to "close the achievement gap by preparing all students for college readiness and success in a global society". AVID enables students in grades 9 through 12 to succeed in rigorous high school curricula; to enter mainstream activities in school; and to develop a foundation for future college success. As a methodology for accelerating student progress, AVID features a rigorous academic elective course with a sequential curriculum that focuses on writing, inquiry, collaboration, organization and reading. Students also have access to tutorials during school hours.

AIR FORCE JUNIOR RESERVE OFFICERS TRAINING CORPS (JROTC)

The Mission of the Air Force JROTC is to "develop citizens of character, dedicated to serving nation and community". Students are encouraged to be involved in the community through extracurricular and social activities. Different themes include: Frontiers in Aviation History; The Science of Flight; Astronomy; and Exploration of Space. Program goals are to instill values of citizenship, service to the United States, personal responsibility, and sense of accomplishment to cadets.

Honors, advanced placement, dual enrollment, Volusia Online Learning, and industry credentialing opportunities are available at Atlantic High School. For more information, please contact a high school counselor.

LEARN MORE BY ATTENDING

*8th Grade Family Registration Nights
Spring, 2017*



DELAND HIGH SCHOOL



800 North Hill Avenue
DeLand, FL 32724

Phone:

(386) 822-6909

Principal:

Mr. Mitchell K. Moyer

Website:

www.myvolusiaschools.org

www.delandhs.org



INTRODUCTION

DeLand High School is a public, suburban high school located in west Volusia County serving approximately 2,500 students. Accredited by the Southern Association of Colleges and Schools, DeLand High School is one of Volusia County's largest high schools. DeLand High School serves students from DeLand and Lake Helen and is a magnet for the International Baccalaureate program (IB), the Engineering Academy, the Academy of Building Construction, and the Communication Academy.

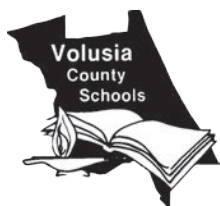
SPECIAL HONORS AND AWARDS:

- Class of 2016: 2 students qualified as Academic Scholars in the Florida Bright Futures Program; 2 students named Medallion of Excellence winners; 9 students earned Gold Seal Scholarships
- Presenter at the K-12 Innovation Fair becoming a statewide mentor for other high schools
- Class of 2016: 53 International Baccalaureate candidates; 24 Superintendent's Diploma of Distinction candidates; and 22 students who graduated with both a high school diploma and Associate of Arts Degree from Daytona State College
- Class of 2016: Earned 20,000 hours in community service time
- Class of 2016: One student was recognized as a National Merit Finalist and 126 students achieved a 1400 or higher SAT score
- IB art students have earned scholarships at the Florida State Fair and several National Scholastics Silver and Gold Key Awards in recent years
- Visual Arts Department voted into the top ten high school art departments in the southeast region of the Vans Shoes National Design Competition, 2012



DISTRICT GOLD LEVEL ACADEMY – Engineering, 2016

At the heart of DeLand High School's excellence is an outstanding faculty who are committed to superior teaching and individualized learning experiences. DeLand High School measures the superiority of teaching by the quality of time spent by faculty, students, and business partners in interactive learning processes.



CAREER ACADEMIES

Career Academy Facilitator:

Tim Shea - tjsheajr@volusia.k12.fl.us

ENGINEERING ACADEMY – Gold Level Academy

The Academy prepares students for careers in engineering, manufacturing, and technical design through the integration of math and science concepts, real-world problems, and software applications. The Academy uses Amatrol industry-standard equipment and integrated curriculum to connect various areas and levels of manufacturing: Quality assurance; design processes; manufacturing processes; automated materials handling; electrical systems; and fluid power. This program culminates with a semester-long internship working in local industry.

Academy Director: Peter Policke pwpolick@volusia.k12.fl.us

COMMUNICATION ACADEMY

The Academy provides students with rigorous, hands on experiences to prepare them for careers in the information technology industry. Through web design, digital design, digital video production, or journalism program pathways, students are engaged in comprehensive, real world projects; have opportunities to participate in program-specific internships; and are provided with industry certification opportunities.

Academy Directors: Vickie Perri vlperri@volusia.k12.fl.us

April Sniffen alsniffe@volusia.k12.fl.us

OTHER PROGRAMS

INTERNATIONAL BACCALAUREATE (IB)

The International Baccalaureate (IB) program is a unique offering that provides a rigorous, internationally minded, well-round education for students who are academically able and highly motivated. The IB program has a common, liberal arts curriculum which is assessed by internationally developed and graded examinations. The curriculum follows the objectives, topics and material recommended by the IB Board. The IB program challenges students in all subject areas and prepares them to be competitive applicants at top tier colleges. IB students graduate with the skills and discipline necessary for success in a globally competitive world.

CAREER AND TECHNICAL EDUCATION (CTE)

Extensive CTE programs provide valuable entry level workforce skills and industry certifications in the career cluster areas of agriscience, business, information technology, hospitality and tourism, human services, engineering and technology, and marketing.

AIR FORCE JUNIOR RESERVE OFFICER TRAINING CORPS (JROTC)

The Mission of Air Force Junior Reserve Officers Training Corps (Air Force JROTC) is to “develop citizens of character, dedicated to serving nation and community”. The mission is accomplished by (1) educating and training high school students in citizenship, (2) promoting community service, (3) instilling responsibility, character, and self-discipline, and (4) providing instruction in Air & Space fundamentals and Leadership Education. Air Force JROTC encourages cadets to get involved in the local community through extracurricular and service activities.

FINE AND PERFORMING ARTS

Numerous fine and performing arts courses are offered in the areas of art, dance, drama, and music. Visual arts courses include beginning level 2D and 3D art; painting and drawing; ceramics and pottery; photography; and a wide variety of advanced placement (AP) arts courses. Visual art students compete and participate in local festivals, county, state, national, and international competitions as well as humanitarian projects. International Baccalaureate students may choose IB Art or Photography for their sixth subject. The dance program ranges from beginning to advanced courses with an opportunity to audition for Avant Garde, the school's performing dance group. IB students may also elect IB dance as their sixth subject. The Theatre program has two performing components: Hill Street Theater and International Thespians. Both groups perform two mainstage shows yearly, one straight show and a musical. The theatre program is consistently rated both Superior and Excellent in District and State level competitions. The program also offers Honors Theatre and IB classes. The music program, which has consistently earned superior ratings in district and state festivals, consists of both an active band and choral program. The Band program consists of the Wind Ensemble, Symphonic Band, Concert Band, Jazz Band, Marching Band, and numerous small Chamber Ensembles. The choral program consists of General Chorus and Concert Choir; Women's Chorale and Men's Ensemble; and a small cappella ensemble, Voice Male and DeLand Singers. Sixth subject International Baccalaureate courses are also taught in music.

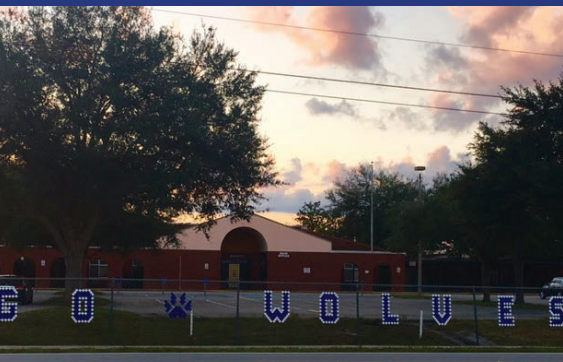
Honors, advanced placement, dual enrollment, Volusia Online Learning, and industry credentialing opportunities are available at DeLand High School. For more information, please contact a high school counselor.

LEARN MORE BY ATTENDING

Open House for the Communication and Engineering Academies
Thursday, January 12, 2017; Building 18; 6:30 p.m. - 7:30 p.m.

8th Grade Registration

8th Graders with the Last Names A – L: Tuesday, April 4, 2017; Cafeteria; 4:00 p.m. – 7:30 p.m.
8th Graders with the Last Names M – Z: Thursday, April 6, 2017; Cafeteria; 4:00 p.m. – 7:30 p.m.



DELTONA HIGH SCHOOL



100 Wolf Pack Run
Deltona, FL 32725

Phone:

(386) 575-4153

Principal:

Mrs. Carolyn Carbonell

Website:

www.myvolusiaschools.org

www.dhswolves.com



INTRODUCTION

Deltona High School is committed to fostering the growth and development of 21st century student learners. Students are provided with diverse and individualized learning experiences that encourage career and college readiness skills. Deltona High School empowers students by providing challenging educational experiences in a caring and supportive environment. Students at DHS compile an impressive record of honors and distinctions in academics and activities.

SPECIAL HONORS AND AWARDS:

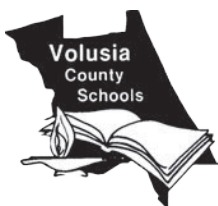
- Gold and Silver Awards for volunteerism and community involvement
- Extensive awards and prizes for our FFA chapter
- District 5-star Award
- Students earned close to 12,000 hours of community service last year alone
- Students received over 3 million dollars in scholarships in 2016
- Dual enrollment opportunities at Daytona State College and Bethune-Cookman University
- Florida Power Library School
- National Agri-science Teacher of the Year
- Several Medallions of Excellence winners
- Cool School of the week
- All-state band winners
- Football state playoffs
- Basketball state playoffs
- STEM Alliance Secondary Excellence in Teaching Awards
- HOSA State Leadership Conference recognitions
- State qualifying students in our Drama, Band, and Chorus programs
- A successful and nationally recognized AVID program
- The JROTC has received numerous state and regional awards and accolades including the female and male Raider teams



DISTRICT GOLD LEVEL ACADEMY - Health Services, 2016

Deltona High offers a variety of diverse and rigorous curriculum offerings such as Advanced Placement (AP), a variety of honors courses, dual enrollment opportunities, blended learning classes, and career academies and CTE classes. The School also offers a variety of student services in English Speaks of Other Languages (ESOL) and Exceptional Student Education (ESE).

Deltona High School fosters a strong working relationship with parents, students, teachers, business, and community members. Deltona High School promotes excellence, communication, and community involvement which is the foundation for student success and life-long achievement.



CAREER ACADEMIES

Career Academy Facilitator:

Alisha Kellett - adkellett@volusia.k12.fl.us

HEALTH SERVICES ACADEMY - Gold Level Academy

The Academy prepares students for careers in the field of health care. Through strong partnerships with the local health care community, students participate in intensive medical preparation combined with career-related and core academics. Academy students take part in a unique learning environment that prepares them for direct entry and/or post-secondary preparation in this growing industry.

Academy Director: Alisha Kellett adkellett@volusia.k12.fl.us

ACADEMY OF FOOD & AGRICULTURAL SCIENCE

The Academy prepares students for careers in the fields of food science and related agricultural careers. The Academy blends agriculture, farm to table, food chemistry, and culinary skills with core academics. Students engage with various guest speakers, take part in job shadowing opportunities, participate in field studies, and learn hands-on skills utilizing the land lab.

Academy Director: Farrah Johnson fjohnso@volusia.k12.fl.us

OTHER PROGRAMS

ADVANCEMENT VIA INDIVIDUAL DETERMINATION (AVID)

AVID is an internationally recognized, college preparatory program designed to support students in the academic middle for success in advanced high school academics and to increase eligibility and enrollment opportunities in four-year colleges. The program mission is to "close the achievement gap by preparing all students for college readiness and success in a global society". AVID enables students in grades 9 through 12 to succeed in rigorous high school curricula; to enter mainstream activities in school; and to develop a foundation for future college success. As a methodology for accelerating student progress, AVID features a rigorous academic elective course with a sequential curriculum that focuses on writing, inquiry, collaboration, and reading. Students also have access to tutorials during school hours.

ADVANCED PLACEMENT (AP)

AP is a nationally recognized College Board program in which students can earn college credits while in high school.

AP courses can help students acquire the skills and habits needed to be successful in college such as improved writing skills; problem-solving abilities; time management skills, self-discipline; and study habits.

ARMY JUNIOR RESERVE OFFICER TRAINING CORPS (JROTC)

The mission of the Army JROTC is "to motivate young people to be better citizens". Army JROTC prepares high school students for responsible leadership roles while making them aware of rights, responsibilities, and privileges as American citizens. Through Leadership Education and Training courses, the program teaches high school students the value of citizenship, leadership, service to the community, personal responsibility, and a sense of accomplishment, while instilling in them self-esteem, teamwork, and self-discipline. Additionally, students have the opportunity to participate in the newly created JROTC honors program. This newly created honors program is designed for cadets seeking leadership positions or planning to serve as commanding officers within the JROTC.

CAREER AND TECHNICAL EDUCATION (CTE)

Extensive CTE programs provide valuable entry level workforce skills and industry certifications in various career cluster areas. The CTE programs contribute to overall student academic success by linking learning to future career goals. Deltona HS offers the following CTE programs: Agri-Science, Building Construction, Communications Technology, Culinary, Digital Media, Digital Video Production, Early Childhood Education, Health Science, Marketing, and Production Technology.

ADVANCED INTERNATIONAL CERTIFICATE OF EDUCATION (AICE)

The AICE program is an international pre-university curriculum and examination system for academically able students. AICE is internationally recognized as a university-level qualification and is committed to a flexible curriculum with global acceptance while maintaining academic rigor that is a keystone of Cambridge. The AICE program of study offers students one of the most demanding and rigorous college preparatory programs in the world. An AICE Diploma is awarded on the basis of examination scores and course work performance during six full-credit courses. By requiring students take a minimum of six full-credit courses with at least one course chosen from each of the three subject areas (Language, Mathematics & Science and Arts & Humanities), the AICE Diploma ensures that all students follow a broad and balanced academic program.

Honors, advanced placement, dual enrollment, Volusia Online Learning, and industry credentialing opportunities are available at Deltona High School. For more information, please contact a high school counselor.

LEARN MORE BY ATTENDING

*Curriculum Showcase
Spring 2017*



MAINLAND HIGH SCHOOL



1255 W. Int'l Speedway Blvd.
Daytona Beach, FL 32114

Phone:

(386) 258-4665

Principal:

Dr. Cheryl Salerno

Website:

www.myvolusiaschools.org
www.mainlandhighschool.org

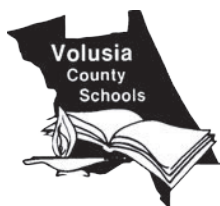


INTRODUCTION

Welcome to Mainland High School - home of the mighty Buccaneers! We are proud to introduce an array of academy opportunities that give students a solid foundation to successfully graduate college and career ready. Our beautifully designed facility serves approximately 2,000 students with an exceptionally relevant, rigorous and personalized education. Each ninth grade student begins his or her career at Mainland High School with a BUCS for life course. This course equips each student with AVID strategies, technology training, and the 21st century skills that will help the individual to successfully navigate learning in high school and beyond. With each passing year, the students are able to delve deeper into the rigors of their chosen field through knowledge and skill acquisition, and the practical application of such to real-world career experiences.

SPECIAL HONORS AND AWARDS:

- A Century of Excellence 1914-2016, AdvancedED – accredited by the Southern Association Colleges and Schools (SACS)
- Distinguished Unit with Merit: Outstanding AFJROTC Headquarters Inspection, 2013; 2014; 2015
- Sofia Slimak selected as the 2016-17 FRLA Hospitality Student of the Year for the entire state of Florida
- International Science & Technology Fair team, Winner 10 consecutive years
- Regional Speech Competition Winner - placed 21st in the nation
- Winner of various Robotics Competitions 2008-2014
- Physic Olympics Champions 2013, 2014, 2015
- Award-Winning Culinary Arts program
- Winner of the Volusia Manufacturing Association Robotics Competition, 2012; 2015
- National Service Learning School
- First place in state competition for 2D art pencil drawing Best in Show, 2015
- Girls Golf 8th in 2016 state competition
- Boys Golf: 2nd in district; 2nd in region; 14th in state, 2016; state qualifier two years in a row
- District Football champions, state playoffs 24 consecutive years
- AVID Certified School Site
- Girls Flag Football: 2015 FACA Five Star Champions 13-1
- Football: Undefeated, district champions 2015-2016; regional champions; UCF Team Camp Award; Ocala Regional 7 on 7 Champions; UCF 7 on 7 Champions; USF Sling and Shoot Champions
- ESE demonstration school
- Robotics: Multiple award-winning program
- Multiple marching band, chorus, and orchestra awards; ALL-State student selections
- Track and Field qualified for state championships
- Cross Country qualified for state championships
- JROTC multiple award-winning program



CAREER ACADEMIES

ACADEMY OF COMMUNICATIONS AND MULTI-MEDIA TECHNOLOGY

The Academy offers a comprehensive and integrated approach to preparing students for careers in the Print, Web, and Broadcast Communication, and Technology career cluster. Tracks within academy include Digital Video, Digital Multimedia Design, Networking and Web Design. This academy is affiliated with the Cisco Networking Academy.

ACADEMY OF DESIGN AND MANUFACTURING TECHNOLOGY

The Academy is designed for students interested in architecture, engineering, construction, computer aided manufacturing, drafting, electronics, and interior design. Students have an opportunity to work with computer-numerically-controlled machines, robotics, and lasers. The Academy is affiliated with Project Lead the Way, a national pre-engineering curriculum. Tracks include engineering, technical design, manufacturing. Opportunities for dual enrollment are in the areas of Welding, Automotive, HVAC.

ACADEMY OF HOSPITALITY AND CULINARY ARTS

The Academy prepares students for life after high school in the hospitality and tourism career cluster. The curriculum is sponsored by the National Restaurant Association Education Foundation (NRAEF). The tracks offered in this academy are culinary arts, lodging, and tourism.

ACADEMY OF PUBLIC SERVICE PROFESSIONS AND CAREERS

The Academy prepares students for public service through various professional careers such as the military, law enforcement, education, firefighting, and fish/wildlife officers. The Academy integrates the Air Force JROTC program into the curriculum.

ACADEMY OF INTERNATIONAL AND POLITICAL RELATIONS

The Academy prepares students to be 21st century global leaders both at home and abroad. The Academy integrates the language flagship program, international business studies, and America's future leaders.

ACADEMY OF SCIENTIFIC INQUIRY AND MEDICINE

The Academy is designed for students with career interests in medical, environmental, and research fields. The tracks include health sciences, environmental, and biotechnology. By design, the biotechnology track requires completion of college level courses and the rigors of high level sciences and mathematics.

Attention: This is the only Mainland High School academy that requires an in-zone student application. Please send all applications to Leslie McLean - lmclean@volusia.k12.fl.us

SPORTS SCIENCE ACADEMY

The Academy provides a path for athletic training, sports administration, sports marketing, and fitness physiology. Students have the opportunity to work with existing athletic teams, the faculty and staff wellness program, and the athletic department to gain hands on sports science experience.

ACADEMY OF UNIFIED ARTS

The Academy prepares students for careers in the performing and visual arts. The goal is to develop and refine student natural talent and/or interest in areas such as 2d and 3d art, dance, acting, singing, and instrumental performance. In addition, students are able to learn about the business and supportive aspects of careers in the arts.

ACADEMY OF SIMULATION AND ROBOTICS

The Academy offers various courses to prepare students in the simulation, gaming, and robotics fields. Students have an opportunity to compete in robotics competitions. Tracks within this academy include visual game design, programming, audio video effects, and robotic engineering.

OTHER PROGRAMS

ADVANCED PLACEMENT (AP)

AP is a nationally recognized College Board program in which students can earn college credits while in high school. AP courses can help students acquire the skills and habits needed to be successful in college such as improved writing skills; problem-solving abilities; time management skills, self-discipline; and study habits.

ADVANCEMENT VIA INDIVIDUAL DETERMINATION (AVID)

AVID is an internationally-recognized, college preparatory program designed to support students in the academic middle for success in advanced high school academics and to increase eligibility and enrollment opportunities in four-year colleges. The program mission is "to close the achievement gap by preparing all students for college readiness and success in a global society". AVID enables students in grades 9 through 12 to succeed in rigorous high school curricula; to enter mainstream activities in school; and to develop a foundation for future college success. As a methodology for accelerating student progress, AVID features a rigorous academic elective course with a sequential curriculum that focuses on writing, inquiry, collaboration, and reading. Students also have access to tutorials during school hours.

Honors, advanced placement, dual enrollment, Volusia Online Learning, and industry credentialing opportunities are available at Mainland High School. For more information, please contact a high school counselor.

LEARN MORE BY ATTENDING

8TH Grade Buccaneer Extravaganza!
Thursday, January 5, 2017 6:30pm



NEW SMYRNA BEACH HIGH SCHOOL



101 Tenth Street
New Smyrna Beach, FL 32168

Phone:

(386) 424-2555

Principal:

Ms. Karen Chenoweth

Website:

www.myvolusiaschools.org

www.nsbhigh.com

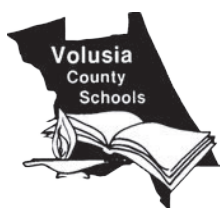


INTRODUCTION

New Smyrna Beach High School is a comprehensive high school serving approximately 1,900 students. With state-of-the-art facilities, equipment, and technology, the faculty and staff are extremely proud of the excellent educational opportunities available to students. Over the years, the school has been recognized for its outstanding programs and student achievements.

SPECIAL HONORS AND AWARDS:

- Highest average passing rate on Advanced Placement Exams for 3 consecutive years, 2013; 2014; 2015
- 2 National Merit Nominees, 2016
- State Championship Boys Weightlifting Team with one individual State Champion, 2011; 2014; 2015
- Class of 2016: 13 students earned the Superintendent's Diploma of Distinction
- Class of 2016: 3 students received the Medallion of Excellence
- Three Star FFA National Chapter, 2011; 2013; 2014
- **DISTRICT GOLD LEVEL ACADEMY – Medical, 2016**
- **DISTRICT GOLD LEVEL ACADEMY – Engineering, 2016**
- **DISTRICT GOLD LEVEL ACADEMY – Criminal Justice, 2016**
- Medical Academy HOSA Chapter recognized as an Outstanding Chapter, 2010-2012; 2014
- Edgewater Fire Department (Medical Academy Partner), Outstanding Business Partner for Volusia County Schools, 2014
- Bert Fish Outstanding Business Partner, 2015
- Community funded \$600,000 in community scholarships, 2016
- 1 FFA National and 5 State qualifiers for Florida Proficiency Categories



CAREER ACADEMIES

Career Academy Facilitator:

Denise Johns - dcjohns@volusia.k12.fl.us

ACADEMY OF VETERINARY SCIENCE

The Academy prepares students for careers in agriscience, horticulture, veterinary assisting, and aquaculture. Through the school farm and the area marine environments, students have opportunities to connect with local projects in agricultural sciences.

Academy Director: Jaime Davis: jmdavis1@volusia.k12.fl.us

ACADEMY OF ENGINEERING – Gold Level Academy

The Academy provides training in the engineering and technology career cluster through the national *Project Lead The Way* program. Activities are hands-on and project-based with an emphasis on robotics and automation, culminating with the Computer Integrated Manufacturing course.

Academy Director: Dennis Humphrey dahumphr@volusia.k12.fl.us

ACADEMY OF ENTERTAINMENT AND SPORTS MARKETING

The Academy develops a solid foundation of marketing, financial, and business skills through the use of hands-on activities and project-based curriculum. Students gain print media skills through the use of Adobe Creative Suites software (Photoshop, Illustrator, Premiere, and InDesign) and in producing entertainment/sports papers, and promotional videos, and media guides.

Academy Director: Roshunda Jenkins REJenkin@volusia.k12.fl.us

CULINARY ARTS ACADEMY

The Academy utilizes the industry-standard, *ProStart* curriculum, to teach students industry skills in the hospitality and tourism career cluster. Students in the advanced courses are responsible for the operation of *Cuda Café*, a school-based restaurant that serves 100-150 people twice weekly, and for *Cuda Catering*, a catering service available to community organizations.

Academy Director: Mallory Parker maparker@volusia.k12.fl.us

MEDICAL ACADEMY – Gold Level Academy

The Academy prepares students for a wide variety of health care careers and students have the opportunity to participate in health-related training through the Academy's unique partnership with Bert Fish Medical Center. The Academy also has partnerships with the New Smyrna Beach and Edgewater fire/rescue/EMT/paramedics. Students participate in job shadowing beginning in grade 9 and are offered internship experiences at local medical facilities in grades 11 and 12.

Academy Director: Kathleen Rich Zois kmrichzo@volusia.k12.fl.us

CRIMINAL JUSTICE ACADEMY – Gold Level Academy

The Academy provides students with education in law enforcement including police ethics, crime lab and accident investigation procedures, defense tactics, and crime prevention. The Academy provides information, career shadowing and intern experiences in careers for students who aspire to be attorneys, police officers, forensic scientists, crime lab technicians, and other law and government related fields.

Academy Director: Denise Johns dcjohns@volusia.k12.fl.us

OTHER PROGRAMS

CAREER AND TECHNICAL EDUCATION (CTE)

New Smyrna Beach High School offers an array of CTE programs that link classroom learning to life and post-secondary education. Students in the Construction program learn entry-level skills by contracting for building projects in the local community. The Early Childhood Education program allows students to acquire the child development knowledge and skills necessary to teach in a child care center. The *Cuda Care Lab School* enrolls children from the community and provides opportunities for hands-on experiences. The Game Simulation program introduces students to basic gaming design concepts such as rule design, play mechanics, and media integration. In the Television Production program students learn the phases of video production including storyboarding, shooting video, and nonlinear editing. Using the state-of-the art TV studio, students are introduced to video editing programs and rotate through 13 studio positions. Students participating in CTE programs may earn the Gold Seal Scholarship and industry certifications.

FINE AND PERFORMING ARTS

Students interested in the arts can pursue art, dance, drama, and music courses. The art program includes courses in drawing, painting, ceramics, sculpture, and photography with an opportunity to enroll in advanced placement (AP) courses. The dance program offers dance technique and choreography courses and students can audition for the national champion *Showdoll Dance Corps*. The drama program offers a full range of courses from beginning to honors and AP. An extensive music program provides students with the opportunity to participate in superior rated marching and concert bands, the jazz ensemble, and/or piano keyboarding.

Honors, advanced placement, dual enrollment, Volusia Online Learning, and industry credentialing opportunities are available at New Smyrna Beach High School. For more information, please contact a high school counselor.

LEARN MORE WHEN

New Smyrna Beach High representatives visit your school in the Spring 2017.



PINE RIDGE HIGH SCHOOL



926 Howland Blvd.
Deltona, FL 32738

Phone:

(386) 575-4195

Principal:

Mr. John Atkinson

Website:

www.myvolusiaschools.org

INTRODUCTION

Pine Ridge High School is a comprehensive high school in Deltona located on an eighty-seven acre campus, serving approximately 1,700 students. An extensive program of studies and extracurricular offerings are available to challenge and motivate all students. In addition, the school offers an extensive Advanced Placement (AP) program, the Veterinary Assisting Program, STEM Manufacturing with Integrated Technology Program, Healthcare Academy, AVID {Advancement Via Independent Determination} Program, and the Air Force Junior ROTC program. The academy and programs at Pine Ridge High School also allow students to earn industry certifications.

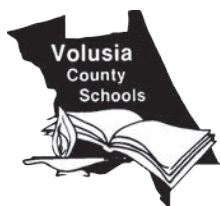
SPECIAL HONORS AND AWARDS:

- Five-Star Award
- Science, Technology, Engineering & Mathematics (STEM) Program
- Health Occupations Students of America (HOSA) and Environmental Team each earned awards at district and state level competitions
- Choir students selected for All-County and All-State Choirs
- Medallion of Excellence winners
- FUTURE Tomorrows Leaders selectees
- Air Force JROTC Program: Awarded 'Exceeds Expectations' rating
- HOBY (Hugh O'Brian Youth) Leadership Selectees
- Ben Carson Scholarship awardee

 **DISTRICT GOLD LEVEL ACADEMY – Healthcare, 2016**

Pine Ridge High School is committed to providing an educational setting where all students graduate in 4 years or less both college and career ready with the knowledge, skills, and values necessary to become successful citizens in the 21st century.

PANTHER PRIDE
PREPARING STUDENTS FOR COLLEGE AND CAREERS



CAREER ACADEMIES

Career Academy Facilitator:

Renae Lee - RALee1@volusia.k12.fl.us

HEALTHCARE ACADEMY – Gold Level Academy

The Academy provides training for students interested in any of the three following career areas: athletic training and advanced sciences; first responder; and fire rescue services. Students are rigorously prepared through core and career and technical education classes and complete projects that span both areas.

Academy Director: Renae Lee RALee1@volusia.k12.fl.us

OTHER PROGRAMS

ADVANCED PLACEMENT (AP)

AP is a nationally recognized College Board program in which students can earn college credits while in high school. AP courses can help students acquire the skills and habits needed to be successful in college such as improved writing skills; problem-solving abilities; time management skills, self-discipline; and study habits.

FINE AND PERFORMING ARTS PROGRAM

The fine and performing arts program includes courses in dance, debate, drama, guitar, instrumental music, keyboarding, music theory, speech, and vocal music. Students have the opportunity to take AP courses in Music Theory, Art History, Studio Art: 2-D Design, Studio Art: 3-D Design, and Studio Art: Drawing. The fine arts program provides courses in drawing, ceramics, painting, fabrics and fibers, and sculpture. Students can participate in any of the choirs, marching band, jazz band, Pantherette Dance Team, and Thespian Troupe.

SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS (STEM) PROGRAM

The Program provides state-of-the-art, hands-on training that exposes students to a wide range of technical skills while preparing them for careers and further education in the manufacturing cluster. Students are immersed in project-based learning in seven different technology sectors.

CAREER AND TECHNICAL EDUCATION (CTE)

CTE at Pine Ridge High School includes 14 career preparation programs which can qualify students for the Bright Futures Scholarship and can earn them industry certifications. CTE offers programs in the agriscience, business, information technology, hospitality and tourism, human services, engineering and technology, and marketing. Students can participate in work-based learning opportunities such as job shadowing or on-the-job training.

ADVANCEMENT VIA INDIVIDUAL DETERMINATION (AVID)

AVID is an internationally-recognized, college preparatory program designed to support students in the academic middle for success in advanced high school academics and to increase eligibility and enrollment opportunities in four-year colleges. The program mission is “to close the achievement gap by preparing all students for college readiness and success in a global society”. AVID enables students in grades 9 through 12 to succeed in rigorous high school curricula; to enter mainstream activities in school; and to develop a foundation for future college success. As a methodology for accelerating student progress, AVID features a rigorous academic elective course with a sequential curriculum that focuses on writing, inquiry, collaboration, and reading. Students also have access to tutorials during school hours.

ADVANCED INTERNATIONAL CERTIFICATE OF EDUCATION (AICE)

The AICE program is an international pre-university curriculum and examination system for academically able students. AICE is internationally recognized as a university-level qualification and is committed to a flexible curriculum with global acceptance while maintaining academic rigor that is a keystone of Cambridge. The AICE program of study offers students one of the most demanding and rigorous college preparatory programs in the world. An AICE Diploma is awarded on the basis of examination scores and course work performance during six full-credit courses. By requiring students take a minimum of six full-credit courses with at least one course chosen from each of the three subject areas (Language, Mathematics & Science and Arts & Humanities), the AICE Diploma ensures that all students follow a broad and balanced academic program.

AIR FORCE JUNIOR RESERVE OFFICERS TRAINING CORPS (JROTC)

The Mission of the Air Force JROTC is to “develop citizens of character, dedicated to serving nation and community”. Students are encouraged to be involved in the community through extracurricular and social activities. Different themes include: Frontiers in Aviation History; The Science of Flight; Astronomy; and Exploration of Space. Program goals are to instill values of citizenship, service to the United States, personal responsibility, and sense of accomplishment to cadets.

Honors, advanced placement, dual enrollment, Volusia Online Learning, and industry credentialing opportunities are available at Pine Ridge High School. For more information, please contact a high school counselor.

LEARN MORE BY ATTENDING

*Future Freshmen Night:
January 2017 (Please check PHS Website for Information)*



SEABREEZE HIGH SCHOOL



2700 North Oleander Avenue
Daytona Beach, FL 32118

Phone:

(386) 258-4674

Principal:

Mr. Joseph Rawlings

Website:

www.myvolusiaschools.org

www.seabreezehigh.org



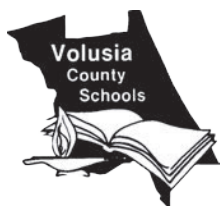
INTRODUCTION

Seabreeze High School is a comprehensive high school in Daytona Beach serving approximately 1,600 students. The school, in its 108th year, is proud of the high level of rigor, relevance, and relationships that create an excellent environment to work and learn. Seabreeze High School exhibits a diversified variety of graduation paths which includes Dual Enrollment and Virtual/Online Instruction. Seabreeze High School prides itself on high standardized test scores and as having one of the highest graduation rates in the district.

SPECIAL HONORS AND AWARDS:

- Awarded "A" School Accountability Grade, 2014
- Five-Star Award, 2009-2016
- National Red Ribbon Certified School
- Recognized as Fine Arts Demonstration School by Florida Department of Education and Florida Arts Education
- Association Gold and Silver School Awards, 1996-2012
- Technology Pilot School Florida PTA, Friends of the Environment Award, 2010
- Florida School Recognition Award, 2002; 2009
- Golden and Silver School Awards, 1996-2012
- Volusia County Schools Parent Involvement Award, 2008

Seabreeze High School meets the needs of all students with extensive offerings in the advanced placement (AP) and honors programs. Career and Technical Education (CTE) programs include three career academies: Academy of Culinary Design, and the Academy of Digital Media & Photography. In addition, a full offering of exceptional student education (ESE) classes and services are available.



CAREER ACADEMIES

Career Academy Facilitator:

Samantha Crouch - Spcrouch@volusia.k12.fl.us

ACADEMY OF CULINARY DESIGN

The Academy provides an in-depth experience of the Culinary and Hospitality industries. Through classroom labs, off-site volunteer opportunities, and local industry mentors, students gain valuable knowledge, experience, and insight into one of the fastest growing sectors of the economy. The Academy uses the Florida Restaurant Association's curriculum, ProStart, to provide industry standard training. Additionally, students have the opportunity to earn the ServSafe Industry certification.

Academy Director: Meaghan McCracken memccrac@volusia.k12.fl.us

ACADEMY OF DIGITAL MEDIA & PHOTOGRAPHY

The Academy provides students with the opportunity to combine concepts of digital media and photography while creating various printed materials to display their work. While integrating academic courses for a hands-on curriculum, students take Creative Photography and Digital Media courses that use industry standard software and professional camera equipment. The course work prepares students for careers such as: Graphic Artist, Photographer, and Digital Publisher.

Academy Director: Gwen Coy glhousto@volusia.k12.fl.us

OTHER PROGRAMS

ADVANCED PLACEMENT (AP) / SUPERINTENDENT SCHOLAR DIPLOMA (SSD)

AP is a nationally recognized College Board program in which students may simultaneously earn high school and college credits. AP courses can help students acquire the skills and habits needed to be successful in college such as improved writing skills; problem-solving abilities; time management skills, self-discipline; and study habits. Students who complete 4 AP (or 4 IB courses); take 2 years of the same world language; pass all state end-of-year exams with a 3 or higher (or the equivalent AP test with a 3 or higher); earn a 3 or higher on a minimum of 2 AP exams (or a 4 or higher on 2 IB exams); earn a 3.5 overall weighted GPA with a 3.5 weighted cumulative GPA on AP or IB courses; complete 100 hours of community service; and earn an 1170 or higher on the SAT or a 26 or higher on the ACT are eligible for the Superintendent Scholar Diploma (SSD).

CAREER AND TECHNICAL EDUCATION (CTE)

CTE offers four career preparation programs which can give students the opportunity to earn industry certifications. CTE offers programs in the agriscience, construction, drafting, and marketing fields. Students can participate in work-based learning opportunities such as job shadowing or on-the-job training (OJT). Participation in CTE programs provides valuable job skills to students and prepares them for academic and employment success.

FINE AND PERFORMING ARTS

The professional and experienced staff, and partnerships with professional organizations and institutions, have made for strong fine and performing arts programs. Fine arts courses range from beginning drawing and ceramics to advanced placement (AP) courses including Art History. The performing arts program includes Band, Chorus, Vocal Ensemble, Orchestra, Jazz band, Eurythmics (Color Guard), Keyboard, Theatre, American Musical Theatre, and AP Music Theory.

SPORTS AND EXTRACURRICULAR ACTIVITIES

Coaches and sponsors dedicate hundreds of hours annually to instill sportsmanship, ethics, self-esteem, and pride in a wide-range of sports and extracurricular activities. Extracurricular clubs and programs include leadership, service, educational, and language - based opportunities. Athletic teams include Athletic Training, Baseball, Basketball, Bowling, Cheerleading, Cross Country, Flag Football, Football, Golf, Soccer, Softball, Swimming, Tennis, Track & Field, Volleyball, Weightlifting, and Wrestling.

ADVANCEMENT VIA INDIVIDUAL DETERMINATION (AVID)

AVID is an internationally-recognized, college preparatory program designed to support students in the academic middle for success in advanced high school academics and to increase eligibility and enrollment opportunities in four-year colleges. The program mission is "to close the achievement gap by preparing all students for college readiness and success in a global society". AVID enables students in grades 9 through 12 to succeed in rigorous high school curricula; to enter mainstream activities in school; and to develop a foundation for future college success. As a methodology for accelerating student progress, AVID features a rigorous academic elective course with a sequential curriculum that focuses on writing, inquiry, collaboration, and reading. Students also have access to tutorials during school hours.

ADVANCED INTERNATIONAL CERTIFICATE OF EDUCATION (AICE)

The AICE program is an international pre-university curriculum and examination system for academically able students. AICE is internationally recognized as a university-level qualification and is committed to a flexible curriculum with global acceptance while maintaining academic rigor that is a keystone of Cambridge. The AICE program of study offers students one of the most demanding and rigorous college preparatory programs in the world. An AICE Diploma is awarded on the basis of examination scores and course work performance during six full-credit courses. By requiring students take a minimum of six full-credit courses with at least one course chosen from each of the three subject areas (Language, Mathematics & Science and Arts & Humanities), the AICE Diploma ensures that all students follow a broad and balanced academic program.

Honors, advanced placement, dual enrollment, Volusia Online Learning, and industry credentialing opportunities are available at Seabreeze High School. For more information, please contact a high school counselor.

LEARN MORE BY ATTENDING

Family Night Registrations for incoming 9th Graders

March 23, 2017 (S thru Z), March 28, 2017 (I thru R), March 30, 2017 (F thru K), April 4, 2017 (A thru E)



SPRUCE CREEK HIGH SCHOOL



801 Taylor Road
Port Orange, FL 32127

Phone:

(386) 322-6272

Principal:

Dr. Todd Sparger

Website:

www.myvolusiaschools.org

www.sprucecreekhg.com



INTRODUCTION

Spruce Creek High School is consistently recognized as one of the top high schools in the nation according to Newsweek and the Washington Post. The school also has one of the top ranked International Baccalaureate (IB) Schools based upon the number of exams administered and international diplomas earned. The highly acclaimed fine arts program is a vital part of an extensive program of studies, designed to offer courses that meet the needs of all students. Spruce Creek High School has more than 61 clubs and an award-winning sports program to enhance, enrich, and extend student experiences beyond the classroom.

SPECIAL HONORS AND AWARDS:

- 50% of seniors have a GPA of 3.5 or higher
- 7.2 million dollars in scholarships awarded to 2016 graduates
- IB program recognized as one of the largest and most successful in the world
- Academy of Finance member of the National Career Academy Coalition
- Ranked as one of the top high schools in the nation by both the Washington Post & Newsweek
- Band program earned Straight Superior ratings in Marching Band, District Concert Band, District Jazz Band, and State Concert Band and were awarded the Otto J. Kraushaar Award
- 7 coaches named News Journal Coach of the Year for their sport
- 5 star conference overall champion, 9 out of 12 years
- 5 sports teams won district championships
- 4 sports teams were named regional champions
- Boys Weightlifting won 25th state championship
- All-Academic Team champions for the 8A Florida High School Classification
- Only "A" high school in the district
- Ranked as one of the top 50 schools in the state



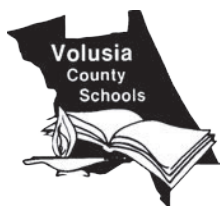
DISTRICT GOLD LEVEL ACADEMY – Information Technology and Robotics, 2016



DISTRICT GOLD LEVEL ACADEMY – Finance, 2016

Through the commitment of parents, teachers, and community, our mission at Spruce Creek High School is to provide the means for each student to reach his or her potential.

Hawks SOAR: Service, Opportunity, Academics, Responsibility



CAREER ACADEMIES

Career Academy Facilitator:

Amy Bordas - acbordas@volusia.k12.fl.us

ACADEMY OF FINANCE – Gold Level Academy

The Academy of Finance prepares students with the analytical, mathematical, and verbal skills needed for careers in the finance career cluster. In this Jump-Start Coalition program, students are trained for careers in banking, financial planning, accounting, and money management through a rigorous curriculum and suggested internships in the local financial community. Students also have the opportunity to work at the student-run school branch of Launch Federal Credit Union.

Academy Director: Christy Grusauskas cbgrusau@volusia.k12.fl.us

ACADEMY OF INFORMATION TECHNOLOGY AND ROBOTICS – Gold Level Academy

The Academy prepares students for tomorrow's careers in the fields of information technology, computer programming, robotics, simulation, and game design. In this 4-year, school-within-a-school program, students are immersed in a project-based learning environment designed to integrate all academic and technology areas. The Academy has partnered with the Ford Motor Company Fund and their Next Generation Learning Network (NGL) curriculum to deliver a hands-on approach to learning with a multidisciplinary team of teachers exploring new ideas; working on real world projects; and inventing practical solutions in a technical world. Laptops are used as the primary education tool.

Academy Director: Dru Urquhart dhurquha@volusia.k12.fl.us

OTHER PROGRAMS

INTERNATIONAL BACCALAUREATE (IB)

The International Baccalaureate (IB) program is a unique offering that provides a rigorous, internationally minded, well-round education for students who are academically able and highly motivated. The IB program has a common, liberal arts curriculum which is assessed by internationally developed and graded examinations. The curriculum

follows the objectives, topics and material recommended by the IB Board. The IB program challenges students in all subject areas and prepares them to be competitive applicants at top tier colleges. IB students graduate with the skills and discipline necessary for success in a globally competitive world.

ARMY JUNIOR RESERVE OFFICER TRAINING CORPS (JROTC)

The mission of the Army Junior JROTC is "to motivate young people to be better citizens". Army JROTC prepares high school students for responsible leadership roles while making them aware of rights, responsibilities, and privileges as American citizens. Through Leadership Education and Training courses, the program teaches high school students the value of citizenship, leadership, service to the community, personal responsibility, and a sense of accomplishment, while instilling in them self-esteem, teamwork, and self-discipline. Additionally, students have the opportunity to participate in the JROTC honors program. The honors program is designed for cadets seeking leadership positions or planning to serve as commanding officers within the JROTC.

FINE AND PERFORMING ARTS

Students interested in the fine and performing arts have a wide variety of courses from which to choose in the areas of art, drama, dance, and music. An honors component is available in the third year of each area to those students who complete a contract for advanced study. Visual arts classes include courses in 2D design, drawing and painting, photography, computer arts and pottery. The three full-time music faculty and adjunct music faculty create an atmosphere of musical rigor and performance excellence. Students may participate in men's or women's chorus, concert band, marching band, jazz band, orchestra, AP music theory and IB music. Drama and acting classes offer students the opportunity to learn stage craft as well as performance techniques. Dance classes incorporate both contemporary dance and classical ballet techniques.

Honors, advanced placement, dual enrollment, Volusia Online Learning, and industry credentialing opportunities are available at Spruce Creek High School. For more information, please contact a high school counselor.

LEARN MORE BY ATTENDING

*International Baccalaureate (IB); Academy of Finance (AOF);
and Academy of Information Technology and Robotics (AITS) Overview*
January 12, 2017; 6:00 p.m.

Incoming 9th Grade Open House and Club Expo
February 23, 2017; 6:00 p.m.



T. DEWITT TAYLOR MIDDLE-HIGH SCHOOL



100 East Washington Avenue
Pierson, FL 32180

Phone:

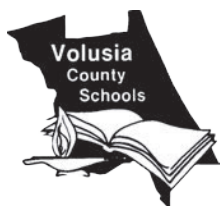
(386) 749-6800

Principal:

Mr. Jeff Miller

Website:

www.myvolusiaschools.org



INTRODUCTION

T. DeWitt Taylor Middle/High School is located in Pierson and serves approximately 1,150 students. Taylor Middle/High School continues to maintain the characteristics that make it unique – a caring small school environment where administration, teachers, counselors, students, and parents work together to ensure student success. The curriculum at the school is based upon a commitment to students' intellectual, social, and physical development as well as to the needs and interests of students with all abilities and cultural backgrounds. Programs are designed to enable students to develop a positive self-image and to assume a responsible position in the workplace, higher education, and the community.

SPECIAL HONORS AND AWARDS:

- One Dell Scholar, 2014; Two Dell Scholars, 2015
- National FFA Collegiate Scholarship recipient, 2014; One FFA State Officer Candidate, 2015; Seven State FFA Degree Recipients, 2015; Four American FFA Degree Recipients, 2015; Fifth Place in State FFA Livestock Evaluation Career Development Event, 2015; High Individual State FFA Livestock Evaluation Career Development Event, 2015
- PRISM winner, 2013
- Five students chosen to participate in the Engineering Scholars Program at Embry-Riddle, Summer 2013
- Governor Scott's Hispanic Heritage Essay Contest winner, 2013
- Girls Volleyball district and regional champions, 2013 and 2014; District and Region winners, Five-Star Blue Division Champions, and State Runner-Ups, 2015
- Boys Soccer District Champions, 2014; District and Region finalists, and Five-Star Blue Division Champions, 2015
- Boys Baseball District Champions and Semi-Regional Champions, 2014; District Champions, 2015
- Girls Softball District Champions, 2014; District Champions, 2015
- Football District Champions, 2014
- NASCAR Foundation Scholarship Winner, 2014
- News-Journal Girls Softball Coach of the Year, 2013
- News-Journal Girls Volleyball Coach of the Year, 2013
- Bright House Sports Network Athletic Director of the year, 2013
- Class of 2014: Over \$1 million dollars in scholarship monies granted
- Class of 2015: Over \$650,000 in scholarship monies granted
- Fred E. Rozell Sportsmanship Award from Florida High School Athletic Association for exemplary sportsmanship
- Three Medallions of Excellence Seniors, 2014
- Two Medallions of Excellence Seniors, 2015
- Two Juniors selected for Tomorrow's Leaders Program, 2015
- One FFA State Officer Candidate, 2015; Seven State FFA Degree Recipients, 2016; Four American FFA Degree Recipients, 2015; Three American FFA Degree Recipients, 2016; Fifth place State Livestock Evaluation Team, 2015; High Individual State Livestock Evaluation, 2015; District Champion Tractor Operations, 2016; District Champion MS Extemporaneous Public Speaking, 2016; Ten FFA State Proficiency Award Applicants, 2016.
- Girls District Volleyball Champs, 2016
- State Finalist Male in Cross Country, 2016 *First from Taylor to qualify
- Weightlifting Girls, State Finalist, 2016
- Weightlifting Boys, State Finalist, 2016

At T. DeWitt Taylor Middle-High School, opportunities are available for dual enrollment, cooperative education, and advanced placement (AP) courses in addition to the regular school day options. Providing a challenging curriculum, the school offers a variety of program choices in a nurturing, family environment "where everyone knows your name."

CAREER ACADEMIES

Career Academy Facilitator:

Dr. Connie Mitchell CEMitche@volusia.k12.fl.us

ACADEMY OF TECHNOLOGY

The Academy establishes meaningful connections between classroom content, performing arts, and real world experiences. The goal of the academy is to engage students in authentic experiences which allow them to implement the knowledge, skills, strategies, and experiences learned in the academy to a broad range of career and educational choices.

Academy Director: Jessica Dubberly jldubber@volusia.k12.fl.us

OTHER PROGRAMS

ADVANCED PLACEMENT (AP) / SUPERINTENDENT SCHOLAR DIPLOMA (SSD)

AP is a nationally recognized College Board program in which students can earn college credits while in high school. AP courses can help students acquire the skills and habits needed to be successful in college such as improved writing skills; problem-solving abilities; time management skills, self-discipline; and study habits. Students who complete 4 AP (or 4 IB courses); take 2 years of the same world language; pass all state end-of-year exams with a 3 or higher (or the equivalent AP test with a 3 or higher); earn a 3 or higher on a minimum of 2 AP exams (or a 4 or higher on 2 IB exams); earn a 3.5 overall weighted GPA with a 3.5 weighted cumulative GPA on AP or IB courses; complete 100 hours of community service; and earn an 1170 or higher on the SAT or a 26 or higher on the ACT are eligible for the Superintendent Scholar Diploma (SSD).

ATHLETICS/CLUBS

Participating in a sport such as basketball, wrestling, football, volleyball, soccer, cheerleading, baseball, softball or weightlifting adds to the overall high school experience. Students may also participate in BETA Club, Spanish Club, Band, Chorus, Drum Line, Future Farmers of America (FFA), Future Educators, Academic Team, Student Government Association (SGA), PAWs for Cause, Math Counts, Builders Club, Health Occupations Students of America (HOSA), MOAS Interns, 3D Printing Club, Science Olympiad, or National Honor Society as well as many other extracurricular activities.

AVID (ADVANCEMENT VIA INDIVIDUAL DETERMINATION)

AVID is an internationally-recognized, college preparatory program designed to support students in the academic middle for success in advanced high school academics and to increase eligibility and enrollment opportunities in four-year colleges. The program mission is "to close the achievement gap by preparing all students for college readiness and success in a global society". AVID enables students in grades 9 through 12 to succeed in rigorous high school curricula; to enter mainstream activities in school; and to develop a foundation for future college success. As a methodology for accelerating student progress, AVID features a rigorous academic elective course with a sequential curriculum that focuses on writing, inquiry, collaboration, and reading. Students also have access to tutorials during school hours.

CAREER AND TECHNICAL EDUCATION (CTE)

A wide variety of CTE courses provides valuable entry level career skills to students. Students who are interested in careers in forestry, landscape management, horticultural services, park/recreational services, and wildlife management are encouraged to enroll in Agriscience, Food, and Natural Resources career cluster courses. Through agriscience and horticulture science and services courses, students explore science and agriculture utilizing a living farm and community lab. The Construction Technology program in the Engineering and Technology career cluster prepares students with the basic skills needed for the building industry including blueprint reading, home maintenance, use of equipment, and carpentry. Students in advanced courses apply skills by building portable offices for local industry. Web Design, Digital Design, Business Computer Programming, and Administrative Assistant programs in the Information Technology career cluster prepare students with the skills to compete in today's global marketplace. Hospitality and Tourism and Human Services career cluster courses include: Nutrition and Wellness, Child Development, Personal Finance; Clothing Construction; and Principles of Food Preparation. Students who are enrolled in approved CTE courses and who have met all program requirements are eligible for the Gold Seal Scholarship.

Honors, advanced placement, dual enrollment, Volusia Online Learning, and industry credentialing opportunities are available at Taylor Middle/High School. For more information, please contact a high school counselor.

LEARN MORE BY ATTENDING

Curriculum Night

January 12, 2017; 6:00 p.m. - 7:00 p.m.



UNIVERSITY HIGH SCHOOL



1000 Rhode Island Avenue
Orange City, FL 32763

Phone:

(386) 968-0013

Principal:

Dr. Julian Jones

Website:

www.myvolusiaschools.org

www.uhstitans.com



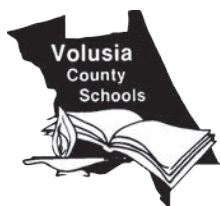
INTRODUCTION

University High School is the newest high school in Volusia County, featuring a state-of-the-art facility serving approximately 2,900 students from the communities of Orange City, DeBary, Deltona, and DeLand. At University High School innovative technologies, advanced curricula, and student-centered teaching are the focus in preparing students for success in a rapidly changing world. Some of the curricular offerings include career academies; advanced placement (AP) and honors courses; rigorous career and technical education (CTE) programs; fine and performing arts; and Army JROTC.

SPECIAL HONORS AND AWARDS:

- Regional Qualifiers - Cross Country; Boys/Girls Golf; Wrestling; Baseball; Swimming
- State Qualifiers – Track; Bowling; Weightlifting
- State Champion 110 meter Hurdles
- BRIGHTHOUSE WINNER - Athlete of the Year
- Robotics Team earned an Award of Excellence and were International Champion Finalists at FIT sponsored event
- Class of 2016 earned
 - \$3.1 Million in scholarships
 - 17,294 community services hours
- 13 seniors graduated with an Associate of Arts (AA) Degree
- 25 seniors earned the Superintendent's Diploma of Distinction (SDD), 2016
- National Merit Scholarship Winner
- 30% of the Class of 2016 Graduated with Honors
- 12 Scholar Designations
- 134 Merit Designations
- Over 525 students tested for industry certifications, 2016
- Culinary School of Excellence by the Culinary Institute of America
- Culinary program is a Pro-Start certified program
- Teen – CERT Team is a part of FEMA and Homeland Security
- Superior Rated Marching and Jazz Band
- Advanced Placement pass rate of 59.9 exceeds the state average of 54

To enhance the learning beyond the high school walls, University High School has established post-secondary partnerships with the University of Central Florida (UCF), Embry-Riddle Aeronautical University (ERAU), Stetson University, and DeVry University. At the core of University High School's excellence are a team of outstanding teachers who are committed to each student and his/her individual success.



CAREER ACADEMIES

Career Academy Facilitator:

Jennifer Peel jmpeel@volusia.k12.fl.us

ACADEMY OF FINANCE

The Academy trains students for careers in banking and credit; financial planning; international finance and economics; securities and insurance; and accounting through a rigorous curriculum, an on-campus credit union, and internships in the local financial community.

Academy Directors: Vince Roeshink vjroeshi@volusia.k12.fl.us;

Sheryl Flowers sflower@volusia.k12.fl.us

ENVIRONMENTAL TECHNOLOGY ACADEMY

The Academy is designed to teach students to solve a variety of traditional agriscience problems using a scientific approach to prepare them for careers as laboratory technicians.

Academy Director: Kenneth Hartless kahartle@volusia.k12.fl.us

BIOMEDICAL SCIENCES ACADEMY

The Academy offers a challenging set of courses in which students learn about various diseases such as heart disease, diabetes, and sickle cell. The academy offers a course in human body systems and medical interventions where students learn how healing and modern medicine affect the body.

Academy Director: Jessica Clayton jlclayto@volusia.k12.fl.us

ENGINEERING ACADEMY

The Academy provides training in engineering and technology-related fields through the national Project Lead The Way (PLTW) Pathways to Engineering program. Students learn how to use industry standard 3D design software that is used by companies like Intel, Lockheed Martin, and Pixar.

Academy Director: Steve Perri sjperri@volusia.k12.fl.us

GAMING/SIMULATION AND ROBOTICS ACADEMIES

The Academies have two pathways: Gaming/Simulation and Robotics. Both pathways offer a sequence of project-based courses aligned with challenging academic standards that prepare students for further education and careers in information technology.

Robotics Academy Director: Fred Urquhart

fcurquha@volusia.k12.fl.us

Gaming & Simulation Academy Director: David Manning

dmmannin@volusia.k12.fl.us

OTHER PROGRAMS

ADVANCED PLACEMENT (AP) / SUPERINTENDENT SCHOLAR DIPLOMA (SSD)

AP is a nationally recognized College Board program in which students can earn college credits while in high school. AP courses can help students acquire the skills and habits needed to be successful in college such as improved writing skills; problem-solving abilities; time management skills, self-discipline; and study habits. Students who complete 4 AP (or 4 IB courses); take 2 years of the same world language; pass all state end-of-year exams with a 3 or higher (or the equivalent AP test with a 3 or higher); earn a 3 or higher on a minimum of 2 AP exams (or a 4 or higher on 2 IB exams); earn a 3.5 overall weighted GPA with a 3.5 weighted cumulative GPA on AP or IB courses; complete 100 hours of community service; and earn an 1170 or higher on the SAT or a 26 or higher on the ACT are eligible for the Superintendent Scholar Diploma (SSD).

CAREER AND TECHNICAL EDUCATION (CTE)

CTE programs prepare students for college and careers in the 21st century workforce with an emphasis on critical thinking skills to meet the ever changing needs of a global economy. Opportunities are provided for job-shadowing, integrated projects, work-based learning, career exploration, and industry certifications.

FINE AND PERFORMING ARTS

A diverse assortment of high-quality fine and performing arts courses, such as instrumental (band, orchestra, jazz band, keyboarding, and guitar), vocal music, dance, theatre, film, drawing, painting, and ceramics, offer to students a unique blend of individual creativity and academic rigor.

ARMY JUNIOR RESERVE OFFICERS' TRAINING CORPS (JROTC)

The mission of the Army JROTC is "to motivate young people to be better citizens". Army JROTC prepares high school students for responsible leadership roles while making them aware of rights, responsibilities, and privileges as American citizens. Through Leadership Education and Training courses, the program teaches high school students the value of citizenship, leadership, service to the community, personal responsibility, and a sense of accomplishment, while instilling in them self-esteem, teamwork, and self-discipline.

Honors, advanced placement, dual enrollment, Volusia Online Learning, and industry credentialing opportunities are available at University High School. For more information, please contact a high school counselor.

LEARN MORE BY ATTENDING

Sneak Peek For Incoming 9th Graders: Spring 2017



VOLUSIA ONLINE LEARNING



Phone:

(386) 506-0014

Coordinator:

J. Susy Peterson

Website:

www.volusiaonlinelearning.com

Scan the code with your
smartphone to learn
more today!



INTRODUCTION

- **WORK** from anyplace at any time.
- **ACCELERATE** your learning.
- **FULFILL** the ONLINE GRADUATION REQUIREMENT.

Volusia Online Learning is the district virtual instruction program offering part-time and full-time online coursework for students who meet state eligibility requirements.

Part-time virtual instruction is available to students for the purpose of acceleration, original credit or credit recovery. Volusia Online Learning teachers are district employees who are highly qualified and fully certified. Students work with school counselor to add all virtual courses to the student's schedule.

Full-time virtual instruction is available for students in grades K-12. Eligible students may apply for full-time virtual instruction during the annual enrollment period each spring. Students receive a diploma from their zoned high school.

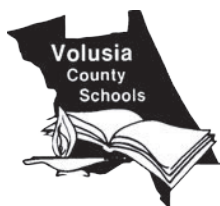
PART-TIME COURSE OFFERINGS

CORE SUBJECTS

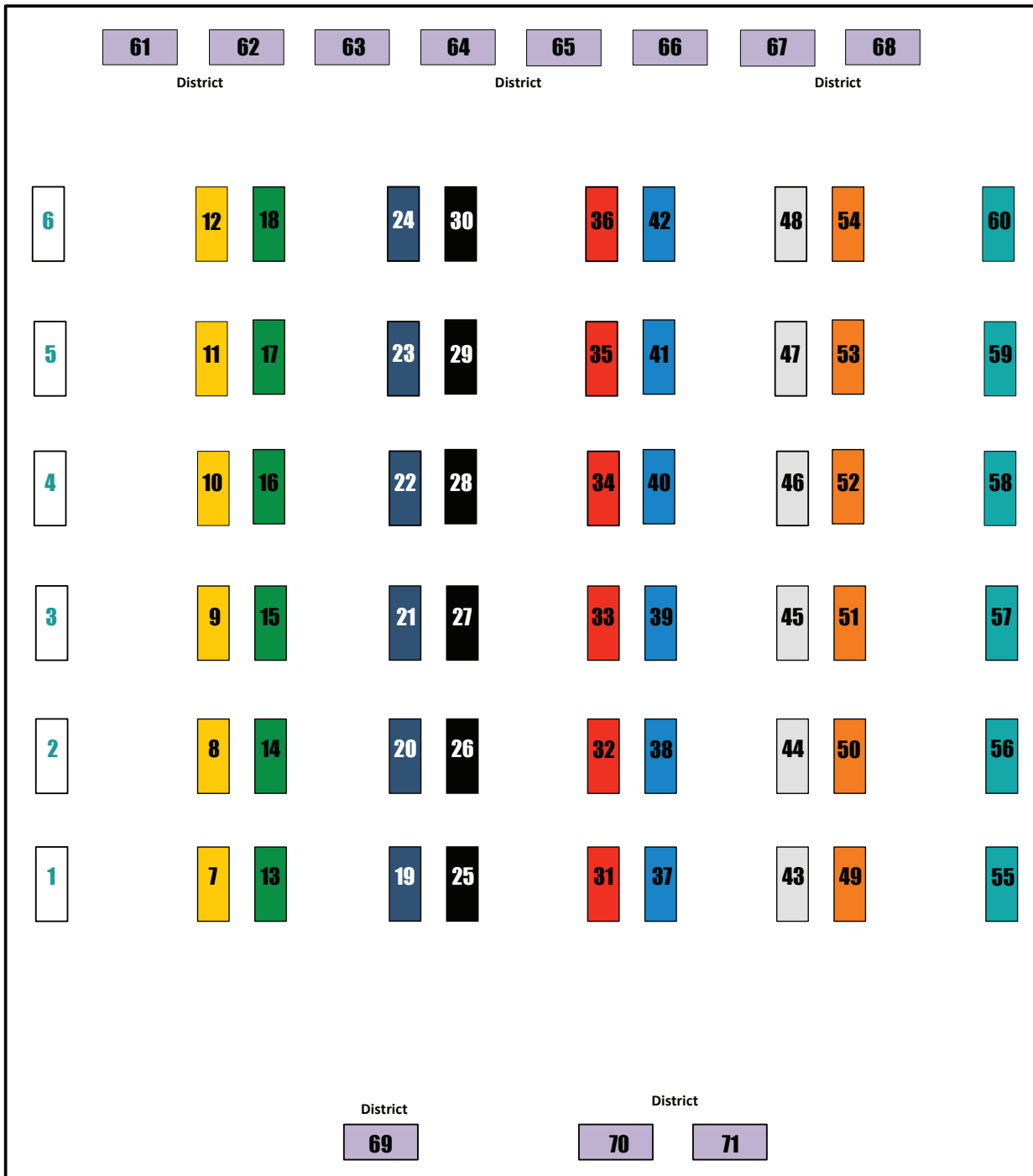
- English/Mathematics/Social Studies/Science
- Grades 6-8 regular, honors
- Grades 9-12 regular, honors

ELECTIVES

- Agriscience Foundations
- AP European History
- AP Human Geography
- AP Psychology
- Career Research & Decision Making
- Fitness Lifestyle Design
- Introduction to Drama
- Law Studies
- Personal Fitness
- Psychology 1 & 2
- Sociology
- Spanish 1 - 4
- Speech 1 & 2
- Theater, Cinema, & Film Production
- Veterinary Assisting I
- Veterinary Assisting II



EVENT LAYOUT & LEGEND



LEGEND:

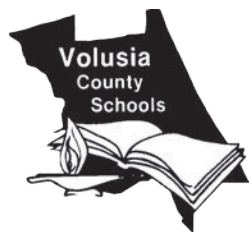
1 - 6	Atlantic High School	43 - 48	University High School	65	District/Dual Enrollment (DSC)
7 - 12	Mainland High School	49 - 54	Spruce Creek High School	66	District/Dual Enrollment (BCU)
13 - 18	Deland High School	55 - 60	Pine Ridge High School	67	District/Federal Programs
19 - 24	Taylor/Middle High School	61	District/Volusia Online Learning	68	District/ESE
25 - 30	New Smyrna High School	62	District/Fine & Performing Arts	69	District/CTE & Industry Certification
31 - 36	Seabreeze High School	63	District/ESOL	70	District/Soc. St.; Math; Lang. Art; Sci.
37 - 42	Deltona High School	64	District/School Health	71	District/Testing & Accountability



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Superintendent of Schools



VOLUSIA COUNTY SCHOOLS
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