



**CREEKSIDE  
HIGH SCHOOL**

**Creekside High  
School Career  
Academies**

**#motivateinnovateelevate**

# Agenda

6:00-6:15 Academy Overview & Introductions Auditorium

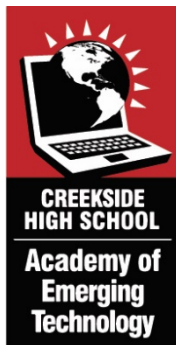
6:25-7:35 Break Out Sessions

Session 1 6:25- 6:55 Classrooms

Session 2 7:05- 7:35 Classrooms

7:45 Academy Night Concludes

## LOCATION OF SESSIONS



Sponsored by Citi



Academy of Emerging Technology

Digital Media Room 505

Cybersecurity Room 195

Academy of Engineering and Environmental Sciences

Engineering Room 185

Environmental Sciences Room 280

# What is a Career Academy?

A program of study with a sequence of courses geared towards a career-path.

These recommended courses take the place of an elective on your student's schedule.



Sponsored by Citi



A chance to try out a career and college topic before you actually get to college.

Saves parents thousands of dollars in students switching majors.

Students are surrounded by like minded peers who share the same passion for the subject.

Students become part of a "school body" within their school to connect about subjects they enjoy.

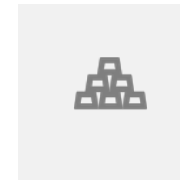


# What Career Academies are offered at Creekside?

Two premier Career Academies with four different tracks of study



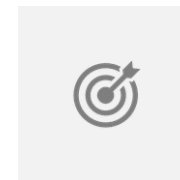
Sponsored by Citi



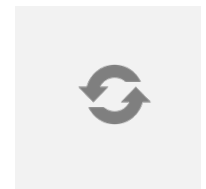
Digital Media



Cybersecurity



Engineering



Environmental Sciences



Adobe® Creative Cloud™



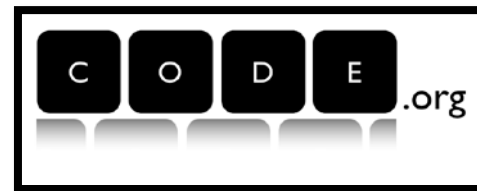
## Digital Media

Students will learn several Adobe Creative Cloud desktop apps that include skills in web design, vector graphics and illustration, photo editing, video editing, publication layout and more.



# Cybersecurity

Students will be immersed in network security, security vulnerabilities, attack mechanisms and techniques, cryptographic systems as well as other security technology.





# Environmental Science

Students will study ecosystem awareness, water quality, air quality, managing hazardous materials, green building technologies, forests and wetlands management, as well as Environmental Legislation.





# Engineering

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Students in the engineering program will learn the skills and software needed to invent, innovate, design, manage, and build structures or machines.





# CHS Career Academy Statistics

87%

Of CHS Academy students earned an Industry Certification in 17-18

38%

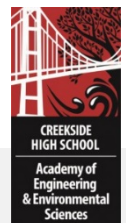
Of Creekside's 2250 Students are in at least one Academy

88%

Of '17-18 CHS Academy graduates attended post-secondary institutions



Sponsored by CITI





Scan our QR Codes to visit our newly renovated website:  
<http://www-chs.stjohns.k12.fl.us/academies/>

The screenshot shows the homepage of the Creekside High School website. The browser address bar displays "www-chs.stjohns.k12.fl.us". The website header features the school name "CREEKSIDE HIGH SCHOOL" and the slogan "HOME OF THE KNIGHTS". Navigation menus include "GUIDANCE", "LINKS FOR STUDENTS", "MEDIA CENTER", "REGISTRATION", "TESTING", "HAC", "CALENDAR", "CONTACT", "QUICK LINKS", "ABOUT", "ATHLETICS", "CAREER ACADEMIES", "FACULTY & STAFF", "PARENTS", and "STUDENT LIFE". A central banner displays the "Knights Code of Honor" with a large yellow arrow pointing to it. The code of honor text reads: "Respect others and yourself at all times. Show good character every day. Set goals, stay focused. Think and act like a leader. Strive for excellence." Below the banner are buttons for "School Information", "peachjar eflyers", and "Upcoming Events".

My Sites

**CREEKSIDE HIGH SCHOOL**  
HOME OF THE KNIGHTS

Search this website

GUIDANCE LINKS FOR STUDENTS MEDIA CENTER REGISTRATION TESTING HAC CALENDAR CONTACT

QUICK LINKS ABOUT ATHLETICS CAREER ACADEMIES FACULTY & STAFF GUIDANCE PARENTS STUDENT LIFE

**Knights Code of Honor**  
*Respect others and yourself at all times.*  
*Show good character every day.*  
*Set goals, stay focused.*  
*Think and act like a leader.*  
*Strive for excellence.*

School Information peachjar eflyers Upcoming Events

# CREEKSIDE HIGH SCHOOL

HOME OF THE KNIGHTS



Search this website

- GUIDANCE
- LINKS FOR STUDENTS
- MEDIA CENTER
- REGISTRATION
- TESTING
- HAC
- CALENDAR
- CONTACT
- QUICK LINKS
- ABOUT
- ATHLETICS
- CAREER ACADEMIES
- FACULTY & STAFF
- PARENTS
- STUDENT LIFE

# ACADEMIES

CTE TOP JOBS

INTERNSHIPS CITY RESOURCE PRINTING NETWORKING BUILDING ROBOTICS REVIT BOARD CREATION STANDARDS CRYPTOGRAPHIC COLLEGE



### Academies Menu

- Creekside Career Academies Home Page
- Application and Registration
- Cybersecurity Track
- Digital Media Track
- Engineering Track
- Environmental Science Track
- HS Career Academies News
- Letters
- Process for Dropping a Program
- Choice
- Frequently Asked Questions & Answers

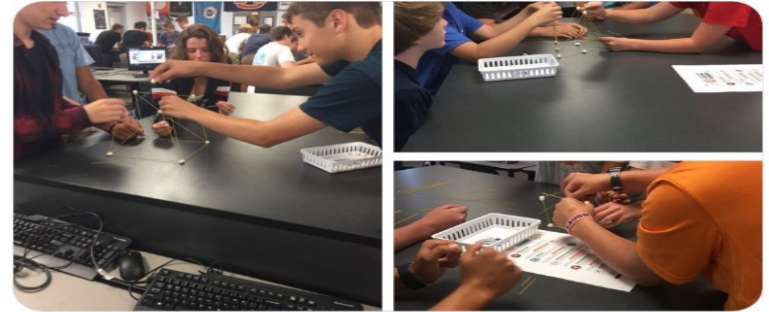
### Recruitment Video



For more information, check out the webpage for each track.  
-Course outlines, pictures, videos and more.



**Daryl Cullipher** @DarylC... · 8/13/18 ✓  
Future engineers flex their designing skills while focusing on the importance of teamwork  
[@CreeksideHighFL](#) Academy of Engineering classes with the "Spaghetti Marshmallow Building Challenge"!  
[#motivateinnovateelevate](#)



Follow us on Twitter

[@CreeksideHighFL](#)

[#MotivateInnovateElevate](#)

A Career Academy is  
not just your average  
elective.

# Experts as Teachers





# Dedicated Business Partners

Network with experts from the field.

Leonard's Studios

Deutsche Bank

Black Knight

Citi

University of North  
Florida

SFS Technologies

Monster Worldwide

VyStar Credit Union

St Johns River State  
College

Regency Centers

Teradata

VyStar Credit Union

Flagler College

Johnson & Johnson

IBM

FL State College  
at Jacksonville

Florida Blue

Suddath

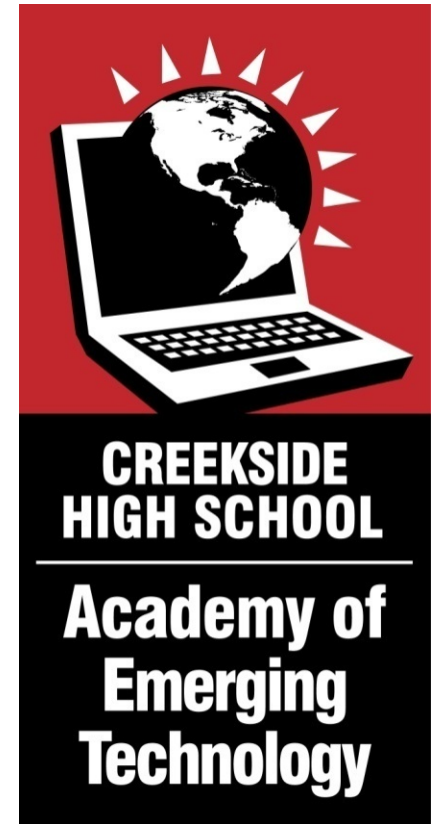
Cady Studios

FL Dept. of Ed.

Web.com

Sharper Voice

Herff Jones







UltraTech

Matthews Design Group

St. Johns County Public Works

St. Johns County Utilities

St. Johns River Water Management District

St. Johns County School District

St. Johns River State College

Taylor Engineering

Carter Environmental

Guana Tolomato Matanzas NERR

ARCADIS

Carlisle

Haskell

University of North Florida

GIS Inc



**Career Cluster:** Information Technology **CTE Program** Creekside High School Academy of Emerging Technology- Information Technology (9001300)

**Career Cluster Pathway:** Applied Cybersecurity **Industry Certification:** CompTIA A+ (COMPT001), MTA Security Fundamentals (Micro077), MTA Networking Fundamentals (Micro078), MTA Windows OS Fundamentals (MICRO076)



16 CORE CURRICULUM CREDITS					8 ADDITIONAL CREDITS		
ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	OTHER REQUIRED COURSES	CAREER AND TECHNICAL EDUCATION COURSES	RECOMMENDED ELECTIVES	
4 credits	4 credits	3 credits, 2 with lab	3 credits	FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)		(ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)	

**HIGH SCHOOL**

- Students are encouraged to use [fishhopec.org](http://fishhopec.org) to explore careers and postsecondary options.
- Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.
- One course within the 24 credit program must be an online course. Cumulative GPA of 2.9 on a 4.0 scale for 24 credit program.

Grade	English	Math	Science	Social Studies	Other Required Courses	Career and Technical Education Courses	Recommended Electives
9 <sup>th</sup>	English 1 (H)	Algebra 1 or Geometry (H)	Physical Science/Biology Honors	World Geography/AP Human Geography	HOPE – Health Opportunities through Physical Education	IT Principles 9003510	Elective or World Language
10 <sup>th</sup>	English 2 (H)	Geometry (H) or Algebra 2 (H)	Biology/Chemistry (H)	World History (H) AP	Fine or Practical Arts	Computer and Network Security Fundamentals 9001320	Elective or World Language
11 <sup>th</sup>	English 2 (H, DE, AP)	Algebra 2 or Pre-Calculus (H)	Chemistry (H) or Physics (H)	US History (AP)	Elective	Cybersecurity Essentials 9001330	Elective or AP Computer Science Principles
12 <sup>th</sup>	English 4 (H, DE, AP)	Math for College Readiness or AP/DE Mathematics	AP/DE Course Offerings	Economics Government (AP)	Elective	Advanced Cybersecurity 9001340	Elective or AP Computer Science Principles

**CREDIT CAREER POSTSECONDARY** Based on the Career Cluster of Interest and Identified career and technical education program, the following postsecondary options are available:

TECHNICAL CENTER PROGRAM(S)	COMMUNITY COLLEGE PROGRAM(S)	UNIVERSITY PROGRAM(S)
St. Johns River State College, St. Augustine: Network Enterprise Administration, Network Infrastructure-CISCO, Network Security	Florida State College of Jacksonville: Networking Systems Technology, Security, Information Technology, Criminal Justice Technology Valencia State College, Orlando: A.S. Cyber Security, Advanced Network Infrastructure, Advanced Network Administration, Digital Forensics, Network Administration, Network Support and Support St. Johns River State College, St. Augustine: Computer Network Administration, Network Administration, Information Technology, Computer Programming and Analysis	University of South Florida: Cyber Security University of Maryland: Cyber Security Embry Riddle Aeronautical University: Cybersecurity Engineering, Cybersecurity Management and Policy, M.S. University of S. Florida: Cybersecurity, M.S.

**CREDIT CAREER POSTSECONDARY** Sample Career Specialties

TECHNICAL CENTER PROGRAM(S)	COMMUNITY COLLEGE PROGRAM(S)	UNIVERSITY PROGRAM(S)
Network Administrator, Cyber Security Technician, Network Support Technician, Network Infrastructure Technician	Network Administrator, Cyber Security Technician, Network Support Technician, Network Infrastructure Technician	Network Security Analyst, Computer Systems Manager, Computer Network Architect, Network/Cybersecurity Administrator, Computer Systems Engineer

**CREDIT CAREER POSTSECONDARY** Articulation and CTE Dual Enrollment Opportunities

Secondary to Technical Center (PSAV)	Secondary to Community College	Secondary to University
NA	CompTIA A+ exams 7 hours in Computer Engineering Technology	NA

**Career and Technical Student Association**

**Future Business Leaders of America (FBLA) Cyber Patriot**

**Internship/Work Experience Recommendations**

Career Academy students may apply for summer internships after their junior year. Sample internships job titles: Network Administrator, Cyber Security Technician Assistant

Program of Study Graduation Requirements: <http://www.fl DOE.org/workforce/perkins/pdf/POS-GradChecklist.pdf>

# Challenging, Customizable Course Offerings

With over 35 AP and DE course selections, you design your schedule to fit you– not the other way around.

# Industry Certifications

Develop your resume while in high school.



# Innovative Technology

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Learn using industry tools.





**THE  
NATIONAL  
CYBER  
LEAGUE**



**Adobe**



**ArcGIS®**



**AUTODESK®  
AUTOCAD®**

**SOLIDWORKS**



JavaScript

**CITRIX®**



A woman in a blue dress is addressing a group of students in a modern building hallway. The students are standing in a line, listening attentively. The hallway has large windows and modern lighting.

# Off Campus Learning

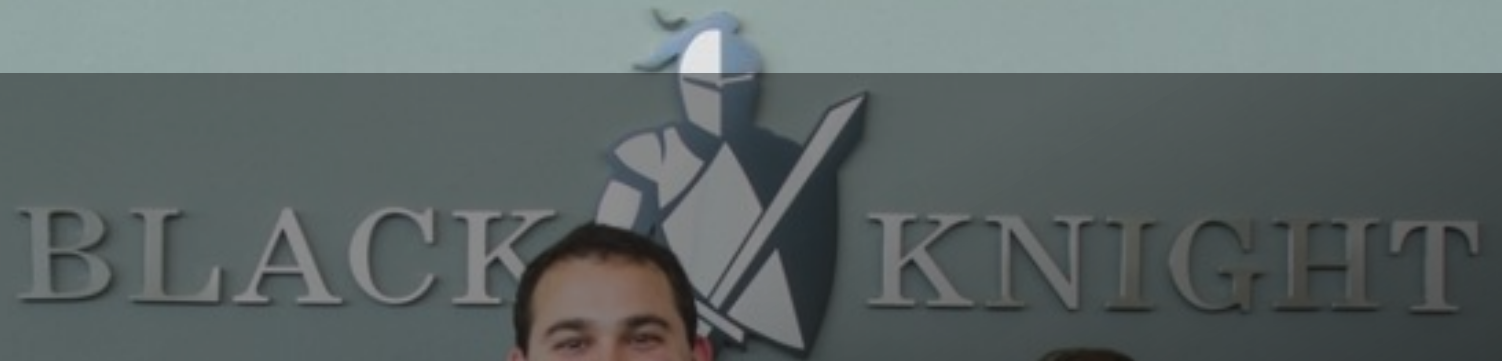
Tons of trips delivered by business partners from the industry.











# Summer Internships

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Work with the experts.





## College Visits

Decide your next path by experiencing the post-secondary school first hand.





# Clubs

Connect with friends who are passionate about the same topics as you.





Engineering Club

Environmental Club





# Community Service Projects

Give back to your community.



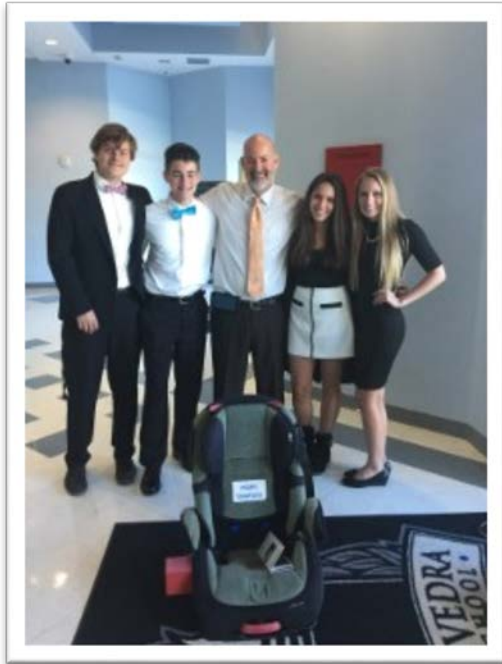


# Competitions

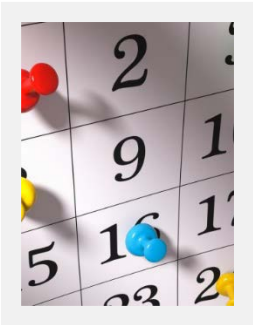
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Challenge yourself and your team





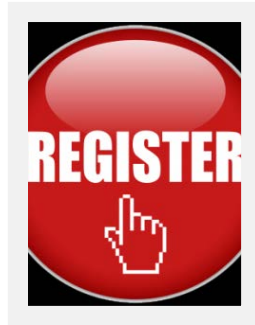
# Important Dates



February 19<sup>th</sup>  
@ 5:00pm

Career Academy  
Application Deadline

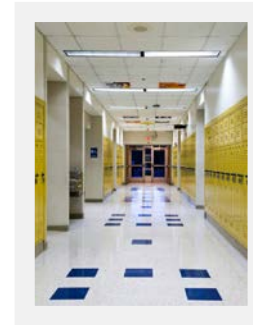
- Decision email will be sent via HAC email on February 27<sup>th</sup>



Registration

At your zoned middle  
school

- Fruit Cove: 3/27-3/30
- POA: April 1<sup>st</sup> and 2<sup>nd</sup>



March 26<sup>th</sup> @  
6:00pm

Ramp Up Night

- Learn about all CHS has to offer its students
- Sports
- Clubs
- Academics



- Home
- Attendance
- Classes
- Grades
- Student Support
- Registration

Classwork | Schedule | **Requests**

Course Status Key : Required Locked Incomplete Prerequisite Alternate Request

**Course Requests** - 2019-2020 School Year - Creekside High School - Grade 10

Department	Course	Credits
SJVS Course Requests (SJVS)		
Academy Guardian Contract (CTECG)		
Academy Student Contract (CTECS)		
Academy/Program of Choice Application (ACAD)		



# Register in HAC

Applications ongoing tonight in the Media Center.

Log in to HAC using your student account credentials.

www.stjohns.k12.fl.us/hac/

St. Johns County School District

Search this website

HAC CALENDAR CONTACT

HOME COMMUNITY FAMILIES JOB SEEKERS STAFF

ABOUT US DEPARTMENTS POLICIES SCHOOLS SCHOOL BOARD SUPERINTENDENT VENDORS VISITORS & VOLUNTEERS

### Home Access Center

- Overview
- Media Release
- Introduction Letter
- Home Access Center FAQ's
- Using Home Access Center
- Out of Area Account Request
- Online Registration Instructions
- Home Access Center Login
- HAC Password Requirements
- Important Message from eSchoolPLUS

Home > Home Access Center

## eSchoolPlus Home Access Center (HAC)

Home Access Center (HAC) allows students and parents to view their child's educational information via a secure, password protected website.

All schools in grades 3-12 will be participating in HAC starting this year (exceptions may apply to charter and DJJ schools). HAC access for KG-2nd grade students is currently being piloted at several elementary schools.

Please use the links on this page to view the following Home Access Center documents:

- Home Access Center Media Release** - This media release introduces the Home Access Center (HAC).
- Home Access Center Introduction Letter** - Provides general program details.
- Home Access Center FAQ's** - Provides questions and answers to common Home Access Center questions.
- Using Home Access Center** - Provides parents a guide to using the Home Access Center.
- Out of Area Account Request** - Provides parents the option to request a Home Access Center account by mailing or faxing the completed form to the

**Login to Home Access Center**



Home



Attendance



Classes



Grades



Student Support



Registration

Week View

Calendar

School Links

### Today's News

There is no current news.





Home



Attendance



Classes



Grades



Student Support



Registration

Classwork Schedule **Requests**

**Course Requests** - 2018-2019 School Year - Creekside High School - Grade 10

Department	Course	Credits
SJVS Course Requests (SJVS)		<a href="#">Edit</a>
Academy Guardian Contract (CTECG)		<a href="#">Edit</a>
Academy Student Contract (CTECS)		<a href="#">Edit</a>
Academy/Program of Choice Application (ACAD)		<a href="#">Edit</a>





The numbers indicate 1<sup>st</sup> choice, 2<sup>nd</sup> choice, 3<sup>rd</sup> choice.

<input type="checkbox"/>	CHS Civil Engineering-1	CHSEUSCE1	0.0000
<input type="checkbox"/>	CHS Civil Engineering-2	CHSEUSCE2	0.0000
<input type="checkbox"/>	CHS Civil Engineering-3	CHSEUSCE3	0.0000
<input type="checkbox"/>	CHS Cybersecurity-1	CHSETNTC1	0.0000
<input type="checkbox"/>	CHS Cybersecurity-2	CHSETNTC2	0.0000
<input type="checkbox"/>	CHS Cybersecurity-3	CHSETNTC3	0.0000
<input type="checkbox"/>	CHS Digital Media-1	CHSETDMT1	0.0000
<input type="checkbox"/>	CHS Digital Media-2	CHSETDMT2	0.0000
<input type="checkbox"/>	CHS Digital Media-3	CHSETDMT3	0.0000
<input type="checkbox"/>	CHS Environmental Science-1	CHSEUSES1	0.0000
<input type="checkbox"/>	CHS Environmental Science-2	CHSEUSES2	0.0000
<input type="checkbox"/>	CHS Environmental Science-3	CHSEUSES3	0.0000



Check out our CHS Academy Website :  
<http://www-chs.stjohns.k12.fl.us/academies/>

Creekside High School

Not secure | www-chs.stjohns.k12.fl.us

My Sites

**CREEKSIDE HIGH SCHOOL**  
HOME OF THE KNIGHTS

Search this website

GUIDANCE LINKS FOR STUDENTS MEDIA CENTER REGISTRATION TESTING HAC CALENDAR CONTACT

QUICK LINKS ABOUT ATHLETICS CAREER ACADEMIES FACULTY & STAFF GUIDANCE PARENTS STUDENT LIFE

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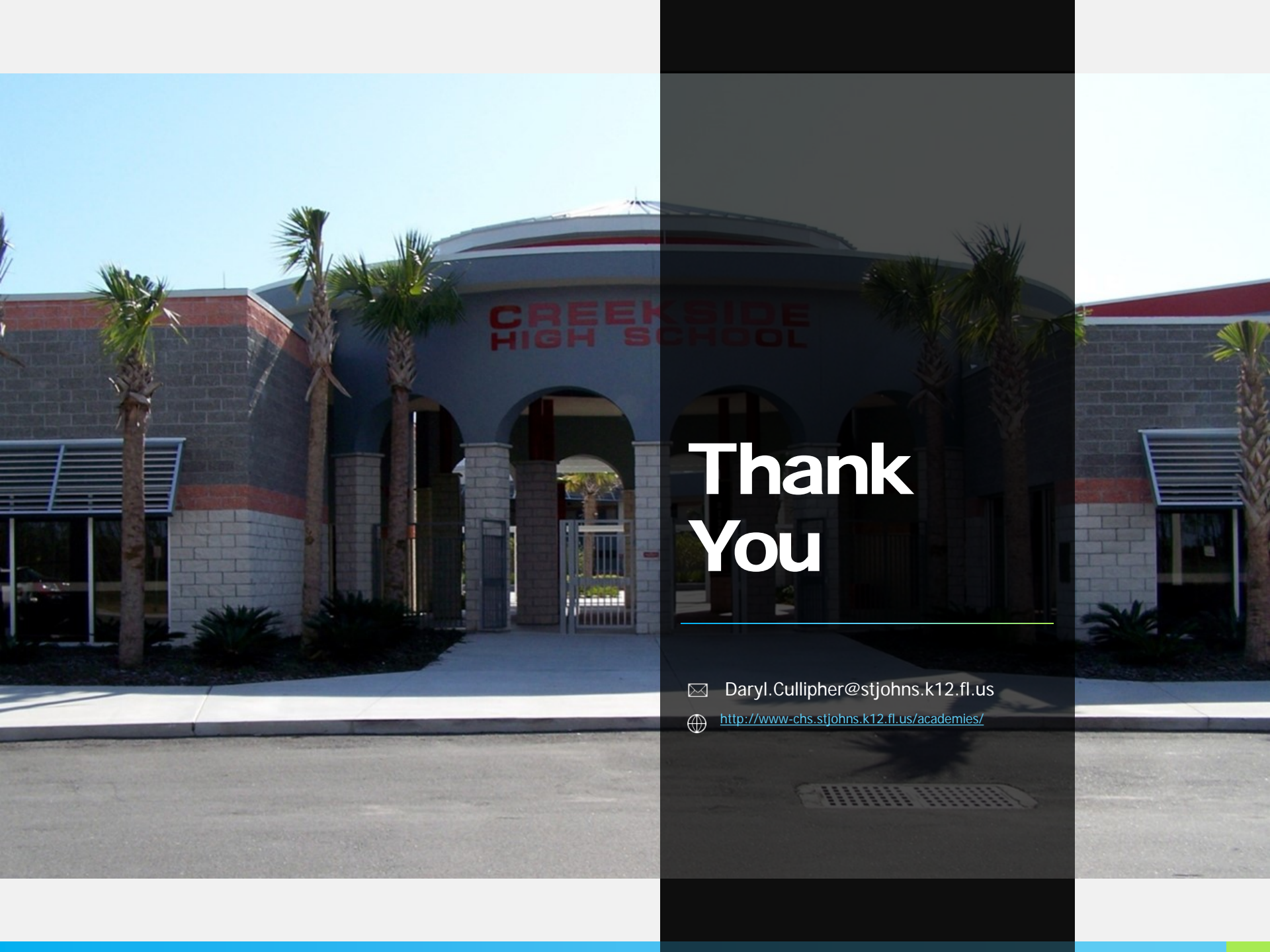
School Information

peachyreflyers

Upcoming Events

# Are you a Private School, Home School or a Virtual School student ?

- Students MUST reside in St. Johns county to apply.
- Students must pre-register at their current zoned schools between now and Feb. 14.
  - 8<sup>th</sup> graders go to their zoned Middle School.
  - 9<sup>th</sup> graders go to their zoned High School.
- Students/parents will get a paper Program of Choice application from the school, complete it and return it to that school.
- The due date for paper applications to be submitted is still Feb. 19 at 5 pm.



CREEKSIDE  
HIGH SCHOOL

Thank  
You

✉ [Daryl.Cullipher@stjohns.k12.fl.us](mailto:Daryl.Cullipher@stjohns.k12.fl.us)

🌐 <http://www-chs.stjohns.k12.fl.us/academies/>