Career Academies of St. Johns

Experience. The Difference.

Academy of Environmental and Urban Planning

Creekside High School
Career Academies

CREEKSIDE HIGH SCHOOL
Academy of Environmental & Urban Planning

career ACADEMIES
EXPERIENCE. THE DIFFERENCE.

NATIONAL CAREER ACADEMY COALITION

Saint John County School District Vision for the Academies

- Career Academies are “small, personalized learning communities within a high school”
- Students are grouped with a core group of teachers – promoting a family-like atmosphere and close student-teacher ties.
- Partner with business to provide input into relevant skills & provide real-world experiences
- Align with Targeted Occupations and create pathways to high-skill, high-wage careers

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Focus areas

- Integrating technology in curriculum
- Project-based and service learning
- Business involvement
- Student internships – 100% placement
- Teachers in Business externships
- Industry Certifications

Academy Faculty

Environmental and Urban Planning

Kevin Davenport
Civil Engineering 1-4
Engineering Club
Robotics Club

Ali Pressel
Intro to Env. Tech 1
Environmental Tech 2
Land Resources 3&4
AP Envi. Science
Environmental Club

Emerging Technology

Lynda Kelly
New Media
Digital Video & Sound
Web Design
FBLA

Kathy Sinardi
Computing for College & Careers
Networking 1-3

Welcome to Creekside High School

CREEKSIDE HIGH SCHOOL
Academy of Environmental & Urban Planning

282 students

KNIGHTS

CREEKSIDE HIGH SCHOOL
Academy of Emerging Technology

377 students

1,850 students

Opened in 2008-09

With 2 Career Academies

CA = 35% of entire school

Environmental and Urban Planning Enrollment

- Open entry – open exit to serve ALL students
- Recruitment process
- Enrollment is up!

Year	Environmental & Urban Planning
13-14	282 (30% female)
12-13	254
11-12	218
10-11	141
09-10	95
08-09	60

Business Partner Collaboration

- Serve as Advisors to keep curriculum current
- Provide input on relevant industry certification
- Provide meaningful projects with real-world application
- Provide sequenced work-based learning opportunities
  - Field trips
  - Speakers
  - Job shadows
  - Internships
  - Scholarships

Environmental and Urban Planning Business Partners

ATKINS

JEA
Building Community®

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
SJR

TAYLOR ENGINEERING, INC.

ST. JOHNS COUNTY FLORIDA

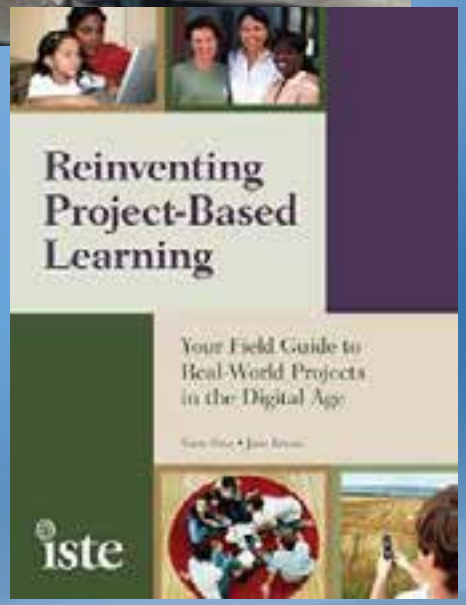
UNF
UNIVERSITY of NORTH FLORIDA.

Golder Associates

US Army Corps of Engineers®
Jacksonville District

RS&H
IMPROVING YOUR WORLD

Project-Based Learning Initiatives



Integrating GIS into a Career Academy

Geomentoring Program

ST. JOHNS COUNTY • FLORIDA •

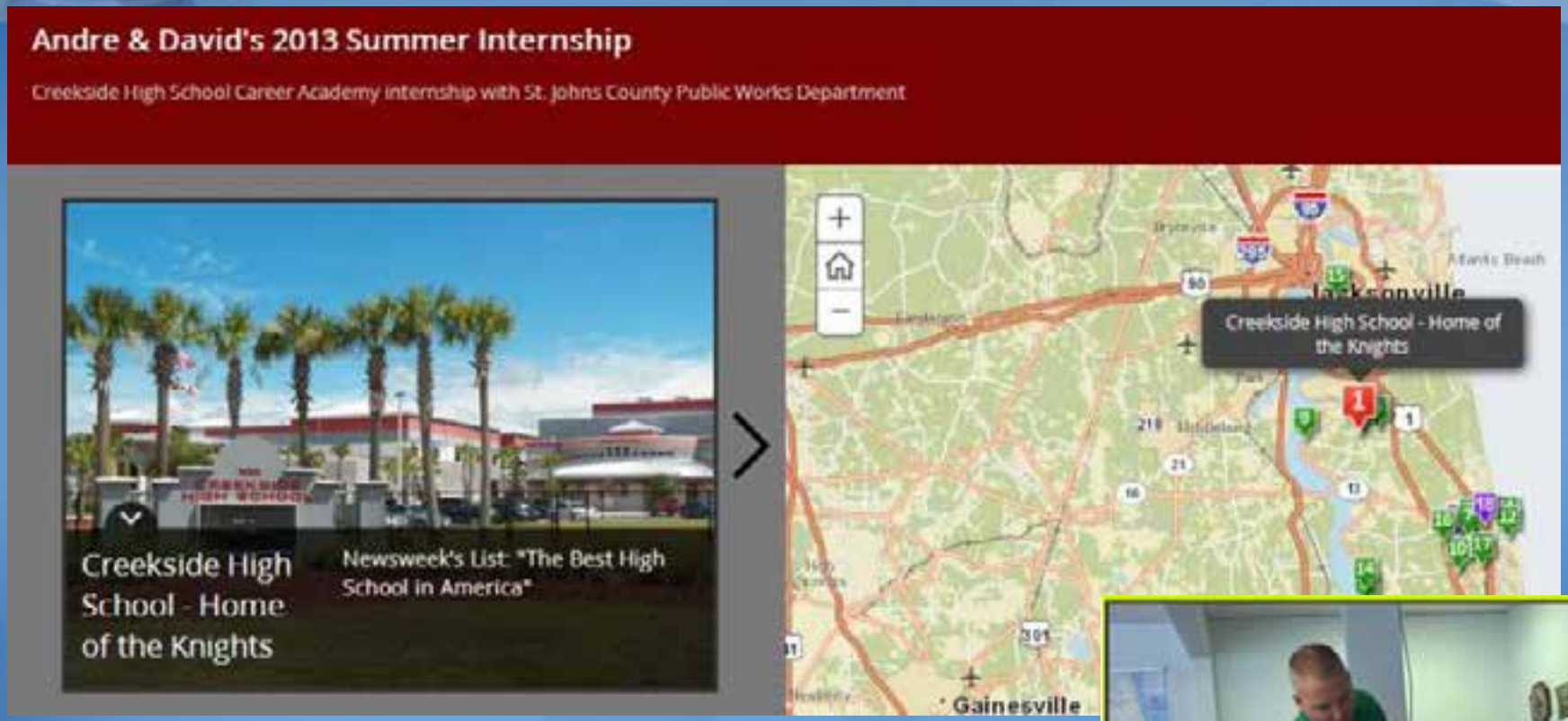
The GeoMentor Program

GeoMentors with St. Johns County Public Works and Taylor Engineering

- Guest Speakers in the classroom
- GIS Day Activity creation and implementation
- Geospatial Mapping Club assistance
- Guidance in student GIS Certification

GIS Day 2011-2013
with Saint Johns County Public Works

Summer Internship
Saint Johns County Public Works



Career Academy Internship StoryMap

GIS Field Studies in Costa Rica

GIS Activities with 5th grade students

Community Trash-Mapping Project with Geoporter

Integrating GIS in the Future Academy Projects…Many Possibilities

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