

STATE OF THE SCHOOLS



Presented by:

Joseph G. Joyner, Ed.D.

Superintendent of Schools

OUR SCHOOL BOARD

District 1



Beverly Slough

District 2



Tommy Allen

District 3



Bill Mignon, Chairman

District 4



Bill Fehling, Vice Chair

District 5



Patrick Canan



OUR MISSION

The St. Johns County School District will inspire good character and a passion for lifelong learning in all students, creating educated and caring contributors to the world.



CORE VALUES

We believe that...

- **Trustworthiness, respect, responsibility, fairness, caring, and citizenship are essential to the well being of individuals and society**
- **All individuals have intrinsic value**
- **Every individual can contribute something of worth to society**
- **Individuals are responsible and accountable for their choices and decisions**



CORE VALUES

- **In order to grow and thrive, individuals need caring relationships and a nurturing environment**
- **Supportive family relationships are the foundation of the community**
- **High expectations lead to higher performance which, in turn, empowers the individual and strengthens society**
- **Continuous learning is a lifelong process that is essential to a productive and enriched life**
- **A safe and orderly environment is conducive to learning**



STRATEGIC DELIMITERS

We will not initiate any new program or service unless:

- **It is consistent with and contributes to our mission**
- **It is accompanied by the training, staff development, and resources needed to assure its effectiveness**



OUR EMPLOYEES

The school district is the largest employer in the county, with **4,000+** full-time employees.

570 of all full-time teachers hold advanced degrees and **136** are National Board Certified.



OUR SCHOOLS

- **18 Elementary Schools (K-5)**
- **3 K-8 School**
- **7 Middle Schools (6-8)**
- **7 High Schools (9-12)**
- **1 Alternative Center (6-12)**
- **6 Charter Schools (including a Vocational-Technical College)**
- **3 Juvenile Justice Facilities**
- **1 Virtual School (K-12)**



OUR STUDENTS

Elementary	15,644
Middle School	7,896
High School	10,567
Virtual School	171
Pre-K / Head Start	198
Alternative Schools	438
Charter Schools	240
TOTAL	35,154

Student body represents **113** different countries speaking **72** different languages



OUR SCHOOLS

- Class Size (*Teacher – Student Ratio*)
Pre-K through 3rd Grade **1:15.81**
Fourth through Eighth Grade **1:16.61**
Ninth through Twelfth Grade **1:20.1**
- A fleet of **230** school buses transport **19,000+** students over **3.8** million miles every year in addition to more than **3,300** field trips
- School cafeterias serve **2,450** breakfasts and **8,400** lunches each day
- Approximately **24%** of the districts' students receive free or reduce-price meals each day



OUR SCHOOLS

The St. Johns County School District is accredited as a quality school system by the Council on Accreditation and School Improvement and the Southern Association of Colleges and Schools.



ACCOMPLISHMENTS

STATE RANKINGS

Out of 67 School Districts

- First in the state in total FCAT points for the past **six** years
- One of only **5** districts to earn an “A” for **ten** consecutive years



ACCOMPLISHMENTS

2014 FCAT 2.0

Next Generation Sunshine State Standards

FIRST IN THE STATE IN READING:

3rd Grade

4th Grade

5th Grade

6th Grade

7th Grade

8th Grade

9th Grade

10th Grade



ACCOMPLISHMENTS

2014 FCAT 2.0

Next Generation Sunshine State Standards

FIRST IN THE STATE IN MATH:

3rd Grade

5th Grade

7th Grade

FIRST IN THE STATE IN SCIENCE:

5th Grade

8th Grade

ACCOMPLISHMENTS

2014 End-of-Course Exams

FIRST IN THE STATE:

Civics

Geometry

Biology I

U.S. History

SECOND IN THE STATE:

Algebra I

ACCOMPLISHMENTS

- Increased the Federal Graduation Rate calculation by **.7%** from **86%** to **86.7%** (*State 75.6%*)
- Readiness for College: (*2013 data*)

<u>SUBJECT</u>	<u>DISTRICT</u>	<u>STATE</u>
Math	82.7	68.8
Reading	87.1	79.3
Writing	86.8	80.1
All Three Subjects	78.7	62.4

ACCOMPLISHMENTS

Readiness for College

- **ACT Scores consistently above the state and national average:**
 - District **22.2**
 - State **19.6**
 - National **20.9**
- **SAT Scores consistently above the state and national average:**
 - District **1577**
 - State **1448**
 - National **1497**

**NEW STANDARDS
AND ASSESSMENTS**

KIDS IN CRISIS

HEALTH INSURANCE

**DIGITAL
TRANSFORMATION**

CHARTER SCHOOLS

CAPITAL OUTLAY

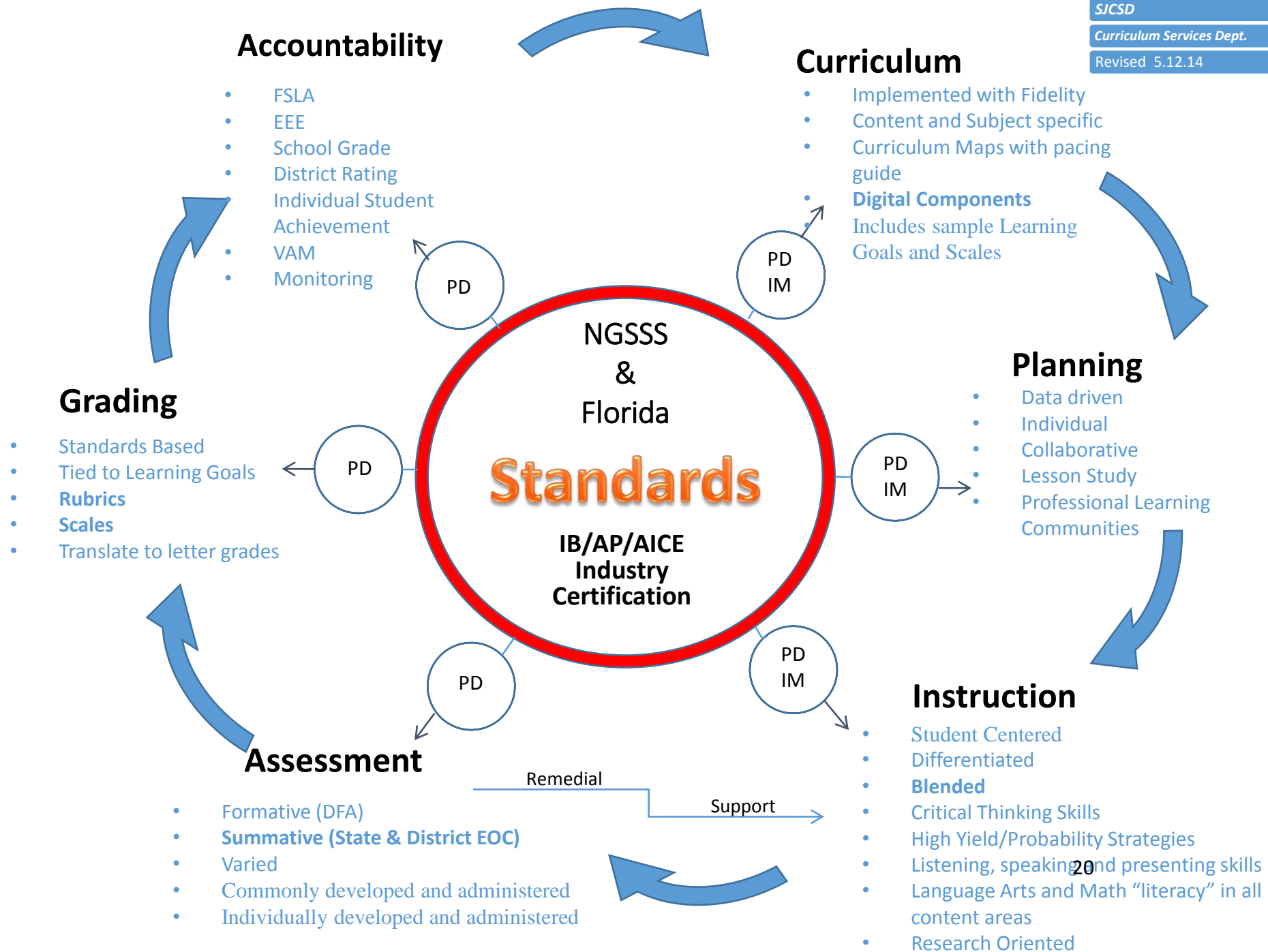
LOOKING TO THE FUTURE



NEW STANDARDS AND ASSESSMENTS

LOOKING TO THE FUTURE





LAFS: Language Arts Florida Standards

Grade: K

LAFS.K.RL.1.1:

With prompting and support, ask and answer questions about key details in a text.

Grade: 6

LAFS.6.RL.1.1:

Cite textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text.

Grades: 11/12

LAFS.1112.RL.1.1:

Cite strong and thorough textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text, including determining where the text leaves matters uncertain.

MAFS: Mathematics Florida Standards

Grade: K

MAFS.K.OA.1.1:

Represent addition and subtraction with objects, fingers, mental images, drawings, sounds (e.g., claps), acting out situations, verbal explanations, expressions, or equations.

Grade: 6

MAFS.6.EE.1.2:

Write, read and evaluate expressions in which letters stand for numbers.

Algebra 1:

MAFS.912.A-CED.1.3:

Represent constraints by equations or inequalities, and by systems of equations and/or inequalities, and interpret solutions as viable or non-viable options in a modeling context.

Curriculum Map – Algebra I

Title: Module 9 - Systems of Equations and Inequalities

Course Name: Algebra 1

Anticipated Timeframe: 12 days

Course Code: 1200310

Desired Outcomes/Results	
<p>Florida Standards Assessed (content):</p> <p>MAFS.912.A-CED.1.3 (41%) Represent constraints by equations or inequalities, and by systems of equations and/or inequalities, and interpret solutions as viable or non-viable options in a modeling context. <i>For example, represent inequalities describing nutritional and cost constraints on combinations of different foods.</i></p> <p>MAFS.912.A-REI.3.5 (41%) Prove that, given a system of two equations in two variables, replacing one equation by the sum of that equation and a multiple of the other produces a system with the same solutions.</p>	<p>MAFS.912.A-REI.3.6 (41%) Solve systems of linear equations exactly and approximately (e.g., with graphs), focusing on pairs of linear equations in two variables.</p> <p>MAFS.912.A-REI.4.12 (41%) Graph the solutions to a linear inequality in two variables as a half-plane (excluding the boundary in the case of a strict inequality), and graph the solution set to a system of linear inequalities in two variables as the intersection of the corresponding half-planes.</p>

STANDARDS OF MATHEMATICAL PRACTICE (SMP):

SMP: MP 1 MP 2 MP 3 MP 4 MP 5 MP 6 MP 7 MP 8

MP 1: Make sense of problems and persevere in solving them PPS
 MP 2: Reason abstractly and quantitatively RA/Q
 MP 3: Construct viable arguments and critique the reasoning of others VA/CR
 MP 4: Model with mathematics MM
 MP 5: Use appropriate tools strategically TS
 MP 6: Attend to precision AP
 MP 7: Look for and make use of structure LUS
 MP 8: Look for and express regularity in repeated reasoning RRR

MAFS and SMP

Prerequisite Standards, Skills, Vocabulary (Scaffolding):

Essential Questions and Understanding:

- How can you find the solution of a system of linear equations by graphing?
- How can you find the solution of a system of linear equations by using substitution?
- How can you find the solution of a system of linear equations by using addition and subtraction?
- How can you find the solution of a system of linear equations by using multiplication and elimination?
- How do you solve a system of linear inequalities?

Essential Questions and Learning Goals

Learning Goals: The students will be able to:

- Solve systems of linear equations and graph the solution set.
- Classify solutions of systems of equations and inequalities.

Resources:

Students:

Elimination Method Video:
<http://www.khanacademy.org/math/algebra/systems-of-eq-and-ineq/fast-systems-of-equations/v/solving-systems-of-equations-by-elimination>

Teachers:

MACC.912.A-CED.1.3
<http://www.cpalms.org/Standards/PublicPreviewBenchmark5556.aspx?kw=macc.912.a-ced.1.3>

MACC.912.A-REI.3.5
<http://www.cpalms.org/Standards/PublicPreviewBenchmark5562.aspx?kw=MACC.912.A-REI.3.5>

MACC.912.A-REI.3.6
<http://www.cpalms.org/Standards/PublicPreviewBenchmark5563.aspx?kw=MACC.912.A-REI.3.6>

Formative

- Warm-Ups and Exit Slips.
- Assess students after learning new methods. Assign students into groups of three. Each group will have the same system to solve using three different methods: Graphing method, Substitution method, and elimination method.
- Students will demonstrate their understanding of systems of equations and inequalities by a written test.
- Online quizzes via HMH Glencoe student resources.

Assessments and MFAS

Culminating or Authentic Task:

Task:

Assessment:

MFAS (on CPalms): Apples and Peaches, Solving Systems, Solutions Sets of Systems, Solving a System of Equations 1, Solving a System of Equations 2, Solving a System of Equations 3, Graphing Linear Inequalities, Linear Inequalities in the Half – Plane, Which Graph?

Scoring Criteria (rubrics/scales):

Learning Plan

Anticipated Pacing:

11 days

1 day - Solving Linear Systems by Graphing: Lesson 9.1

2 days - Solving Linear Systems by Substitution: Lesson 9.2

3 days - Solving Linear Systems by Addition and Substitution: Lesson 9.3

Instructional Strategies/HOTQ

(Alignment to current text, materials needed):

Graphing Method:

- (Resource) Worksheet to evaluate student understanding of graphing systems of equations.
<http://www.kutasoftware.com/FreeWorksheets/Alg1Worksheets/Systems%20of%20Equations%20Graphing.pdf>

Substitution Method:

- (Resource) Video showing substitution and answer resulting in no solution.
<http://www.khanacademy.org/math/algebra/systems-of-eq-and-ineq/systems-with-substitution/v/solving-systems-by-substitution-1?playlist=Algebra%20%20Worked%20Examples>

Key Vocabulary:

- Systems of Linear Equations
- Solution of a Systems of Linear Equations
- Substitution Method
- Elimination Method
- System of Linear Equalities
- Solution of a Systems of Linear Inequalities

Pacing, Instructional Strategies and Vocabulary

Resources

IB

DDA

FCAT

SFE

FSA

FAIR

DE

FLKRS

AP

DS

DFA

EOC

AICE

Date	Description	Abbr.	Required by	School Lvl	Statute
Somestor 2					
January - March 2015	National Assessment of Educational Progress Rawlings - selected students only	PVPV	NAEP	Federal/state request	Selected
Feb 2 - March 13, 2015	Discovery Ed, Test C: Reading and Math - OPTIONAL FOR AIP*		DE	State Required Progress Monitoring for Differentiated Accountability	All 1008.25
Mar 2 - April 3, 2015	Comprehensive English Language Learning Assessment for grades K-12	CELA	Federal	All	Title III Required
Mar 2 - Mar 12, 2015	FSA Writing Component - Grades 4-11 (grade 4 on paper All other grades CBT)	FSA	State	All	1012.34
Mar 2 - Apr 9, 2015	Alternate Assessment for Students with Significant Disabilities	FAA	State	All	1012.34
Mar 3 - June 4, 2015	FAIR testing window AP3*	FAIR	State Offered Progress Monitoring	All	1008.25
Mar 3 - 12, 2015	Quarter 3 - District Formative Assessments will only be provided for FSA and EOC subjects, Use is optional	DFA	District	MS-HS	
Mar 3 - Apr 10, 2015	Middle Schools year long courses - District Determined Assessment, REQUIRED for Teacher VAM	DDA	State Required-Teacher Eval.	MS	1008.22 1012.34
Mar 9 - April 10, 2015	Elementary Schools District Determined Assessment, REQUIRED for Teacher VAM	DDA	State Required-Teacher Eval.	ES	1012.34
Mar 9 - Apr 2, 2015	High Schools District Determined Assessment, REQUIRED for Teacher VAM make-up testing may continue until Apr 10.	DDA	State Required-Teacher Eval.	HS	1008.22 1012.34
Mar 23 - Apr 10, 2015	Spring Retakes Grades 11-Adult in Reading/Math and Algebra I Retake	FCAT	State	HS	1008.22 1012.34
Mar 23 - Apr 10, 2015	FSA English Language Arts/Mathematics - grades 3 and 4	FSA	State	ES	1008.22 1012.34
May 26- June 4, 2015	Middle Schools single semester courses - District Determined Assessment, REQUIRED for Teacher VAM	DDA	State Required-Teacher Eval.	MS	1008.22 1012.34
Apr 13 - May 8, 2015	FSA English Language Arts - grades 5-11 FSA Mathematics - grades 5-8	FSA	State	All	1012.34 1008.22
Apr 13 - May 8, 2015	FCAT 2.0 Science - grades 5 and 8	FCAT	State	ES-MS	1008.22
Apr 13 - May 22, 2015	Discovery Ed, Test D: Reading and Math - REQUIRED for grades K, 1, 2, and 3 for Teacher VAM. K-3 must be administered in the following order: Grade 1 Reading, Grade 1 Math - Grade 2 Reading, Grade 2 Math - Grade 3 Reading, Grade 3 Math - K Reading, K Math - Kindergarten must be tested last, NO EXCEPTIONS Test D optional for grades 4 - 8 *	DDA	State Required-Teacher Evaluation	ES	1012.34
Apr 20 - May 15, 2015	Spring Algebra I, Algebra II, Geometry	EOC	State	MS-HS	1012.34 1008.22
Apr 20 - May 22, 2015	Spring Biology I, Civics, US History End of Course Exams	EOC	State	MS-HS	1012.34 1008.22
May 19 - May 22, 2015	Senior Semester 2 - Final Exams	DFA/SFE	District	All	
May 26 - June 4, 2015	Semester 2 - Final Exams	DFA/SFE	District	All	
May	Exams in: International Baccalaureate, Cambridge, AICE, Advanced Placement	IB, AICE, AP	Meets State Mandate	MS-HS	1012.34
May	Exams in: ACT, SAT and Industry Certification	ACT, SAT, IC	Nationally Offered	MS-HS	

*Progress monitoring of level 1 and level 2 students is required by the state three times a year.

Summer Testing					
June 1 - 4, 2015	SAT10 Form A testing for recommended Grade 3 Level 1 students	SAT10	State	ES	1008.25
Last week of camp	Summer Reading Program (SRP)-SAT10 Form H testing opportunity for Grade 3	SAT10	State	ES	1008.25
July 13 - July 24, 2015	Summer EOC - Algebra I Retako, Biology I, Civics, US History	EOC	State	MS-HS	1008.22

Meets state requirement	DDA	District Determined Assessment
Meets district requirement	DE	Discovery Education
Meets federal requirement	DFA	District Formative Assessment
	DS	District Selected
	EOC	End of Course
	FSA	Florida Standards Assessment
	SFE	School Final Exam

SJCSD - Assessment Calendar for 2014-2015 - Pending Board Approval 10/14/2014
as of 9/12/14 all dates are subject to change

Description	Abbr.	Required by	School Lvl	Statute
Semester 1				
Kindergarten Readiness Screener (FLKRS) must be entered on FAIR system	FLKRS	State		
Window API *	FAIR	State Offered Progress Monitoring	ES	1002.69
Reading (DE), Test A: Reading and Math - OPTIONAL for Kindergarten (For students Test A is optional, for practice only, not used for VAM) Reading and Math for grades 1 - 3, for Teacher VAM. Schools may use the days within the window for each grade but must test in the following order: Grade 1 Reading, Grade 2 Reading, Grade 2 Math, Grade 3 Reading, Grade 3 Math. K is optional.	DDA	State Required-Teacher Evaluation	All	1008.25
Reading, Math* gr. 4-8, Science grades 3-8, are optional for students	DE	State Required-Progress Monitoring	ES	1008.25 1012.34
Biology I, Civics, Geometry Retake, US History	EOC	State	All	1008.25
Kindergarten Readiness Test (PERT), Grade 11 students who are in Reading and/or Math Levels 2, 3, and 4	PERT	State	MS-HS	1008.22
Senior Semester Test (FCAT) Fail Retakes - Grades 11-Adult	FCAT	State	HS	1008.3
Qualifying Scholarship Test (PSAT)/ State offered for	DFA	District	HS	1008.22
REQUIRED for kindergarten students for Teacher VAM and of the window, NO EXCEPTIONS.	PSAT-NMQST	State Offered National Assessment	HS	
Test B:	DDA	State Required-Teacher Evaluation	ES	1012.34
Geometry Retake, US History	FAIR	State Offered Progress Monitoring	All	1008.25
MIDDLE SCHOOLS ONLY	EOC	State	MS-HS	1008.22
Senior Semester courses only	FSA	State	Selected	1008.22
	DCE	State Required-Teacher Evaluation	MS-HS	1008.22 1012.34
	DFA	District	All	

NEXT PAGE

564

GRADUATION REQUIREMENTS

World Language required
for 18-credit diploma

Drivers' Education CANNOT
count for the on-line course
requirement

Students must pass the
Algebra I EOC to **earn**
a **credit in the course**

Drivers' Education CAN count for
the on-line course requirement

World Language NOT required
for the 18-credit diploma.

Students must pass the Algebra
I EOC to earn a **standard**
diploma






FSA



• Test Scores



• School Grades

DIGITAL TRANSFORMATION

LOOKING TO THE FUTURE







Digital Learning Pilot Program

Vision

Provide students with opportunities to be engaged in a technology rich environment that enhances teaching, fosters learning and develops essential life skills for all students.



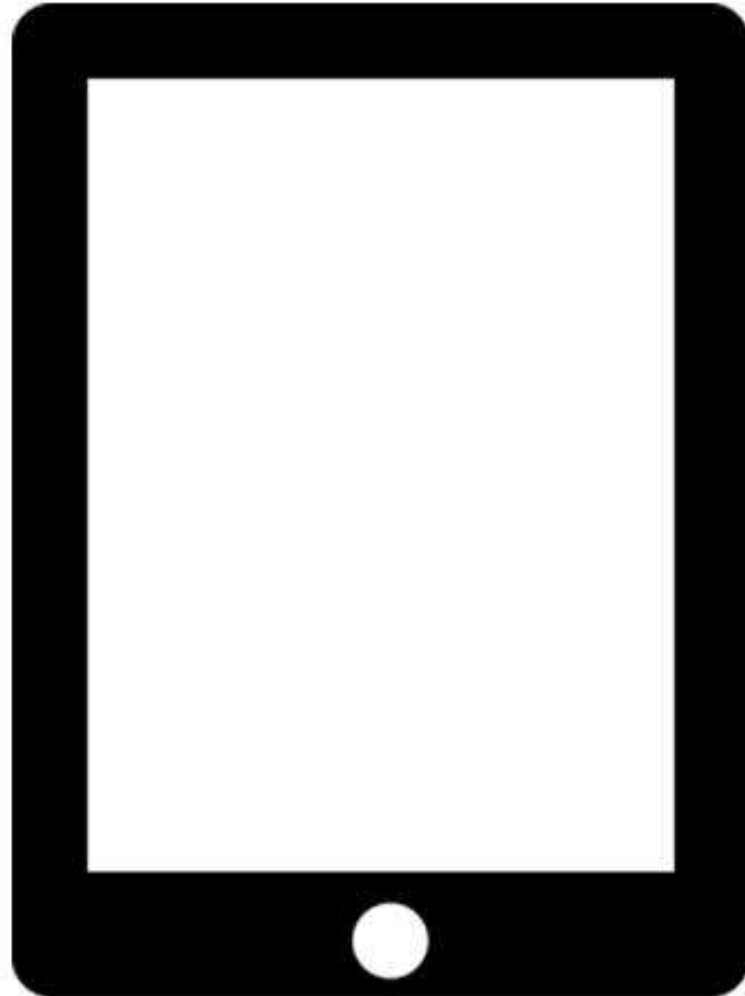
Guiding Principles

- The process to achieve our vision must be monitored strategically to ensure student learning
- The identification of high-quality curriculum content is essential to the success of meeting students needs
- The technology used must be student-centered
- Professional development for teachers must be provided



Guiding Principles - Continued

- The proper infrastructure support is critical to the success of implementing the technology vision
- The most appropriate technology devised will be identified to meet assessment and curriculum needs for all students
- The technology support must be proportional to the number of devices per school site and the service level needed
- The model must be able to be implemented throughout the school district



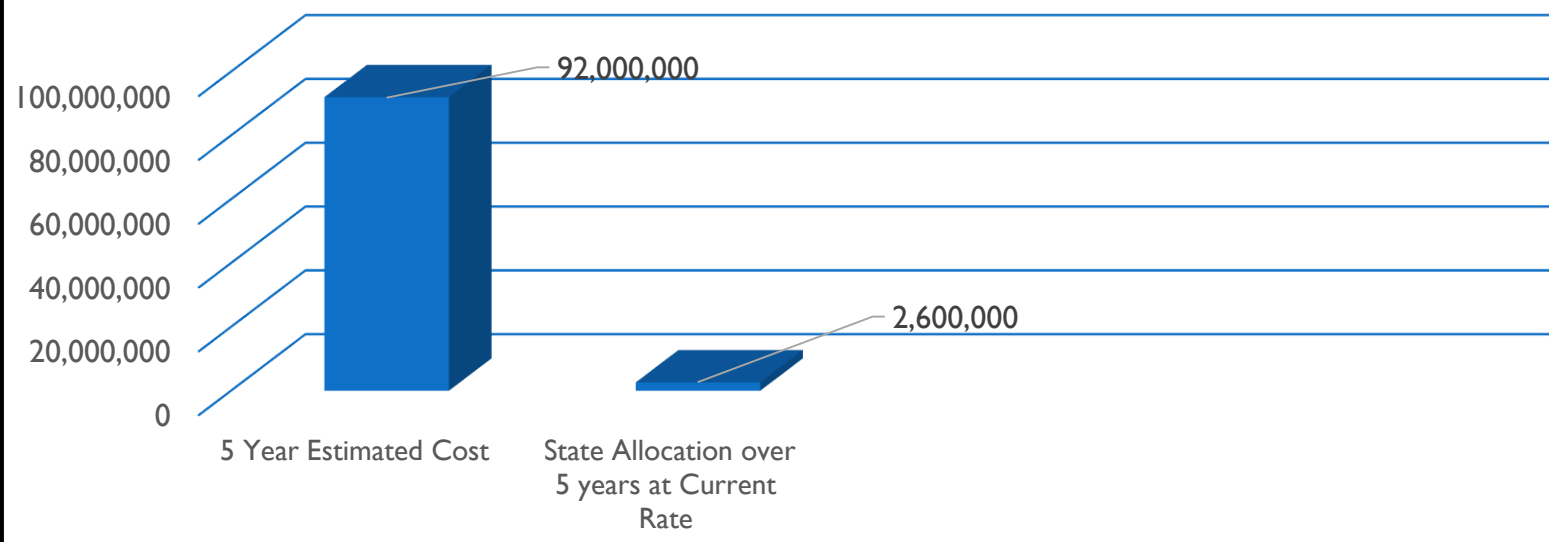


Digital Learning Pilot Program

Vision

Provide students with opportunities to be engaged in a technology rich environment that enhances teaching, fosters learning and develops essential life skills for all students.

Cost of Digital Conversion Vs. State Allocation



KIDS IN CRISIS

LOOKING TO THE FUTURE



HOMELESSNESS

BULLYING

DEPRESSION

SUBSTANCE ABUSE

SUICIDE



CHARTER SCHOOLS

LOOKING TO THE FUTURE



HEALTH INSURANCE

LOOKING TO THE FUTURE



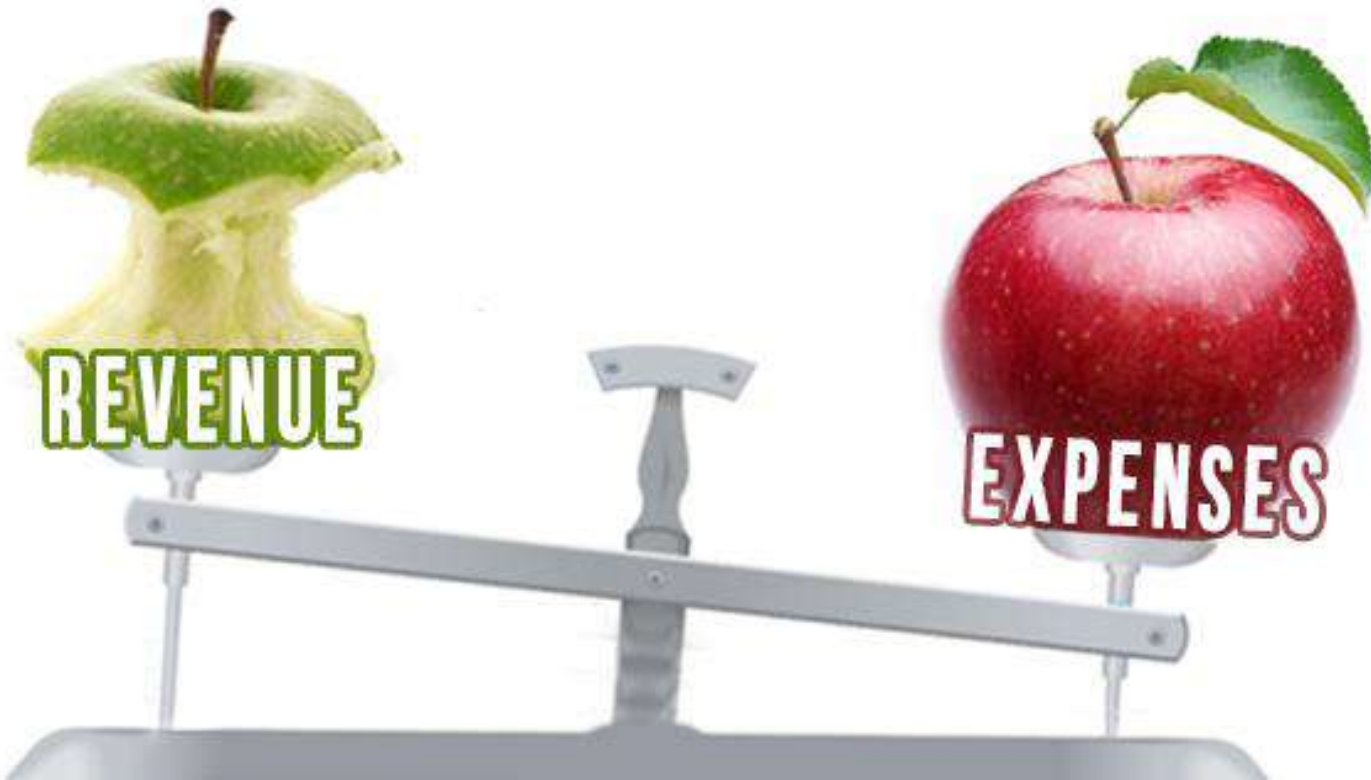


Self Funded

MEDICAL PLAN

2013-14 HEALTH INSURANCE

-\$7,610,297



CAPITAL OUTLAY

LOOKING TO THE FUTURE



RECENT HEADLINES

"St. Johns County
outpacing Duval in **GROWTH,**
with **QUALITY OF LIFE** being the key driver."

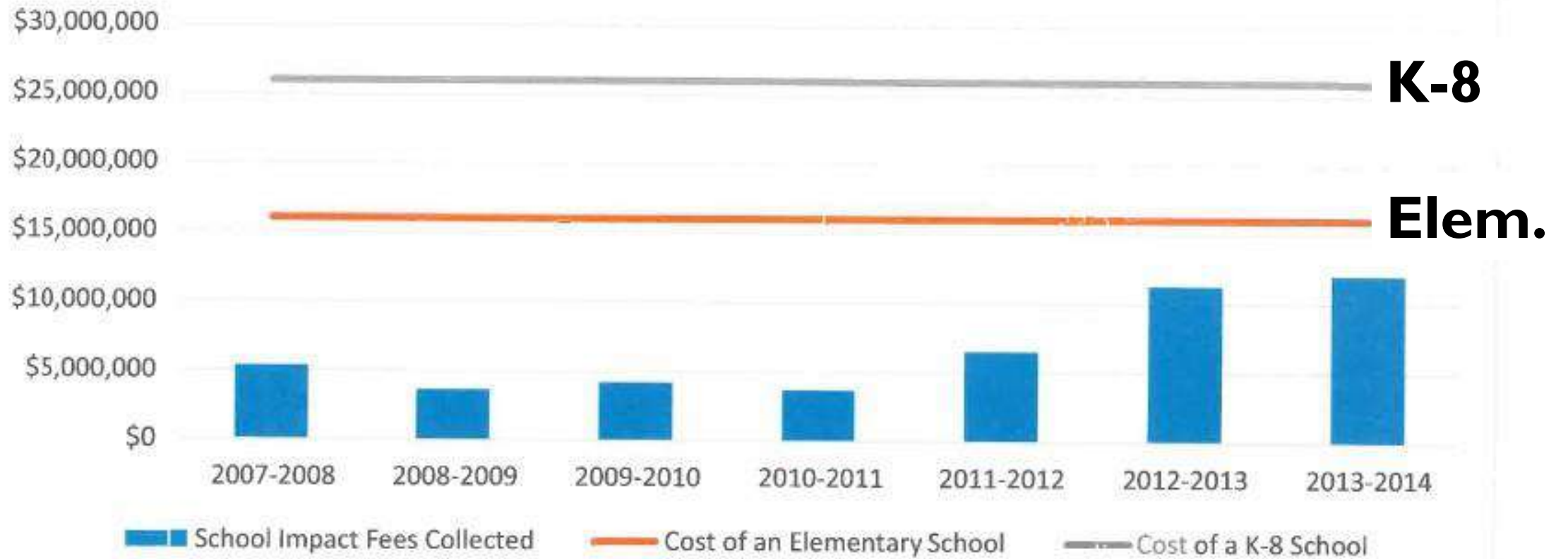
"St. Johns County:
The price of **BEING #1**"

"St. Johns County School District
faces **GROWTH** and **FUNDING PROBLEMS.**"

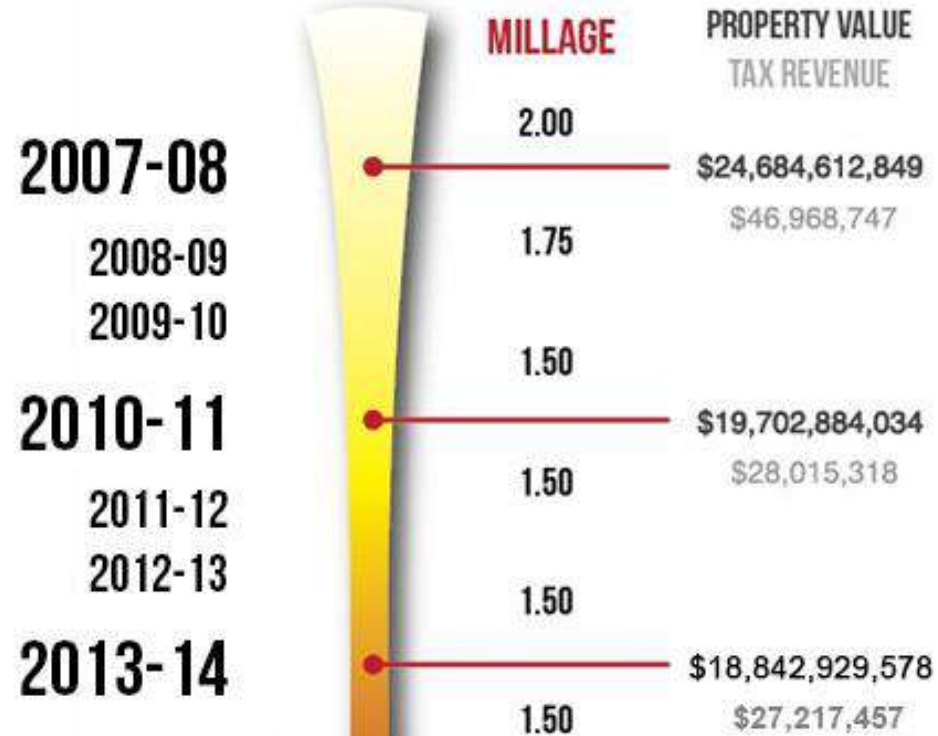
1,558



School Impact Fees Collected vs. Actual Construction Costs



CAPITAL IMPROVEMENT



Total Cumulative
Loss in Revenue

\$180,268,371

REDUCTION IN
PROPERTY VALUES
23.7%

TOTAL DECLINE
IN REVENUE
\$19,751,290

CALL TO ACTION

Opportunities:

Volunteers and Mentors



CALL TO ACTION

Opportunities:

Volunteers and Mentors

Sponsorship



CALL TO ACTION

Opportunities:

Volunteers and Mentors

Sponsorship

Legislative Support



CALL TO ACTION

Opportunities:

Volunteers and Mentors

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Legislative Support

St. Johns County Education Foundation



OUR MISSION



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