# DIGITAL JACKSON
# Students and Teachers Achieving with Technology

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Fall 2015 FASFEPA

Why is education always so far behind the power curve on technology

# Technology does not stand still!

- What is the new technology?
  - Touch screen computers
  - Tablets, convertibles, or 2 in 1's
  - Windows 8.1

"Our students' world is ever-changing so we can't and must not stand still"

Tony Bryant
Principal of Silverton Primary School
Melbourne, Australia

# Tablet or Laptop?

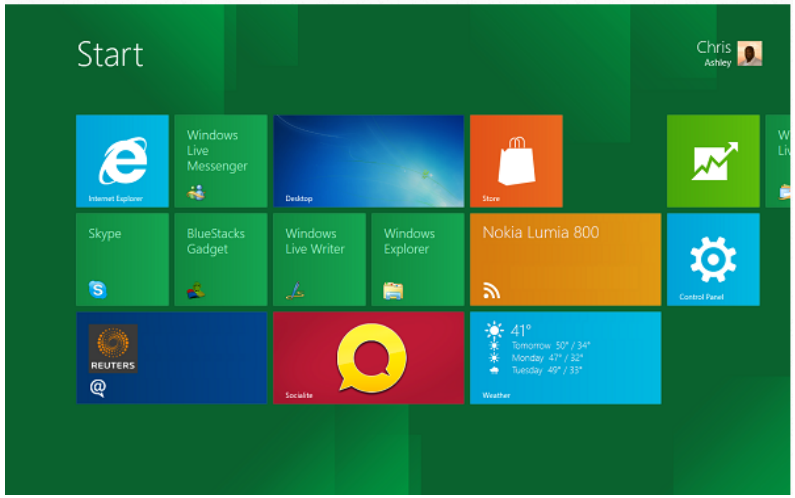
**In the past, these new devices were cost prohibitive for schools. New processors available just this year, are bringing the cost down on these devices down to where schools can afford to put one in every student's hands.**

## Why not Both?

Intel's new 2 in 1 Classmate

# Windows 8

**A Tablet…….** **and**



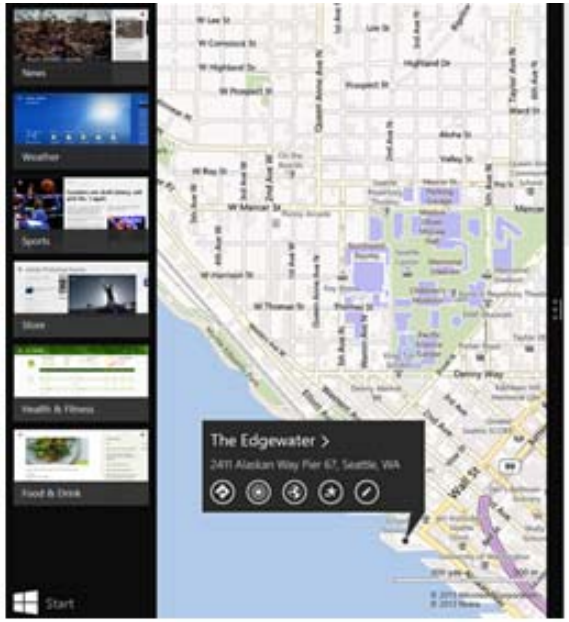

**A Desktop**

**Fully customizable through policies.**
**Students get only the tiles or icons they need to have.**

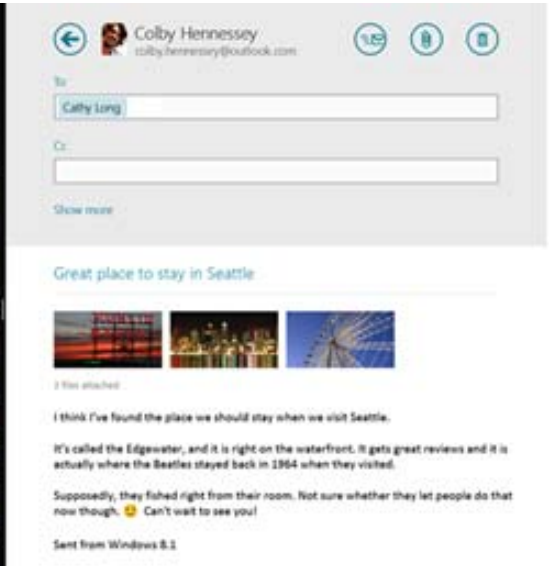
# Touch Screen
# with
# Active touch input

**Handwriting capabilities brings a whole new dimension to using tablets in education.**

# Ability to do more than one thing at a time




Windows Store




**Do research in your browser and take notes at the same time with split screen or look at two browser screens at the same time.**

**Copy and paste from one window to another**

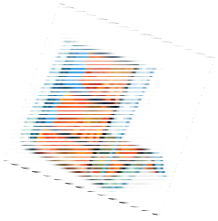
**Use Microsoft's One Note Program to capture pictures, notes, lectures, videos and more. One Note is just like a students notebook on steroids.**

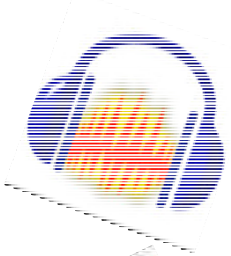
# Windows 8 Benefits
# Programs we already know and have licenses for

**Word – Word Processing**
**Excel – Spreadsheet**
**PowerPoint – Presentation**
**OneNote – Note Taking**
**Windows Movie Maker – Movies**
**Audacity – Sound Editing**
**Windows Photo Gallery – photo editing**
**Outlook - Mail**
**Explorer,  Chrome, FireFox – Browsers**

## Office 365 for Education

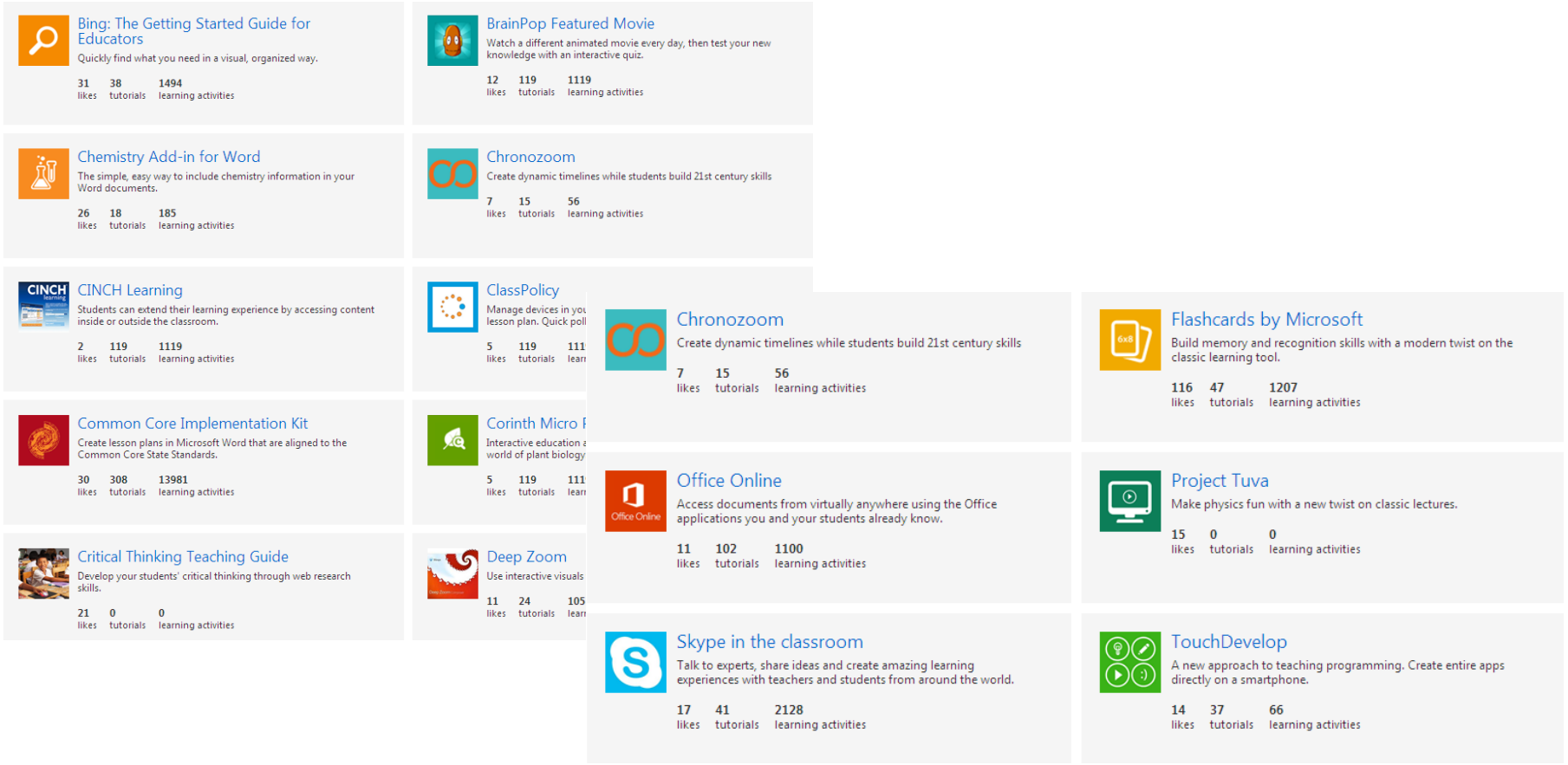
**Student E-mail Accounts**
**Web Office Applications**
**One Drive – 7GB Cloud Storage**
**Lync - Audio and Video Conferencing**





# Tutorials, Lesson Plans, Collaboration

[Microsoft Educators Network]



# Why the Intel Device?

Life Tests Us video

A tablet and laptop in a single device designed with students in mind.

Capacitive stylus, integrated audio, stereo speaker, and digital microphone. Plus accessories that support inquiry based learning.

Rugged, durable design with reversible docking that gives students flexibility to collaborate and create content.

Snap-on magnification lens that works with applications included in the Intel® Education Software suite.

Access to global digital content library of more than 225,000 educational titles and tools to organize and annotate content.

# Teacher Tools

**Classroom Management** (part of Intel Education)
Tools to manage classrooms and collaboration that support diverse learning styles (individual, group, or entire class activities). Provides an infrastructure for 1:1 eLearning, including the ability to: deliver interactive lessons, monitor student learning with quiz functions, administer assessments, transfer files, monitor student screens, and chat with individual students.
Lesson Ideas | App Details

# Classroom Management Details

## FEATURES/BENEFITS

- **Thumbnail monitoring:** Teachers can monitor student activity through thumbnail screen views of student PCs.
- **Assessments:** Educators can design and easily administer formative assessments, with data shown in real time.
- **File transfer:** Teachers can distribute files to students and collect homework electronically, automatically creating a file system on the teacher's PC that can be helpful in creating student portfolios and proof of performance for teacher evaluations.
- **Application blocking:** Teachers can shut down applications such as IM, Internet browsing, and social media to remove distractions.
- **Screen sharing:** Teachers can share their own screen with the whole class or choose a student's screen to share.
- **Chat:** Students and teachers can chat privately with each other during class.
- **Screen lock:** Teachers can blank student screens to direct the lesson and get students' attention.
- **Student journal:** Student Journal delivers a complete record of all activity within a lesson, aids homework and revision, provides a valuable resource for students who have missed a lesson, and gives teachers a full record of activity.

# IT Tools

**Parents Carefree*** (part of Intel Education)
Enables teachers and parents to monitor online access and protect students from undesirable online content.

**McAfee AntiVirus Plus*/Mobile Security**
(part of Intel Education)
Provides five years complete virus protection and Internet Security so students have a safe and secure digital classroom. Comprehensive PC security, trusted security vendor, web and e-mail protection, and a clear user interface with optimized performance for a better user experience.
App Details

**Intel® Education Theft Deterrent**
Helps protect capital and operational investments. Tools include a Management Server that supports complex deployments, a Management Dashboard that monitors clients and implements policies, and Hardware Hardened client rendering stolen systems valueless. Easy for students to use with no student interactions and no login passwords required.
Video Tutorial

# What is Digital Jackson

It is a culmination of 9 months of collaboration among all stakeholders. A strategic intiative to support continuous improvement through increased technology integration in the instructional day. Students will be highly engaged, have access to proven strategies and programs, and own their educational career.

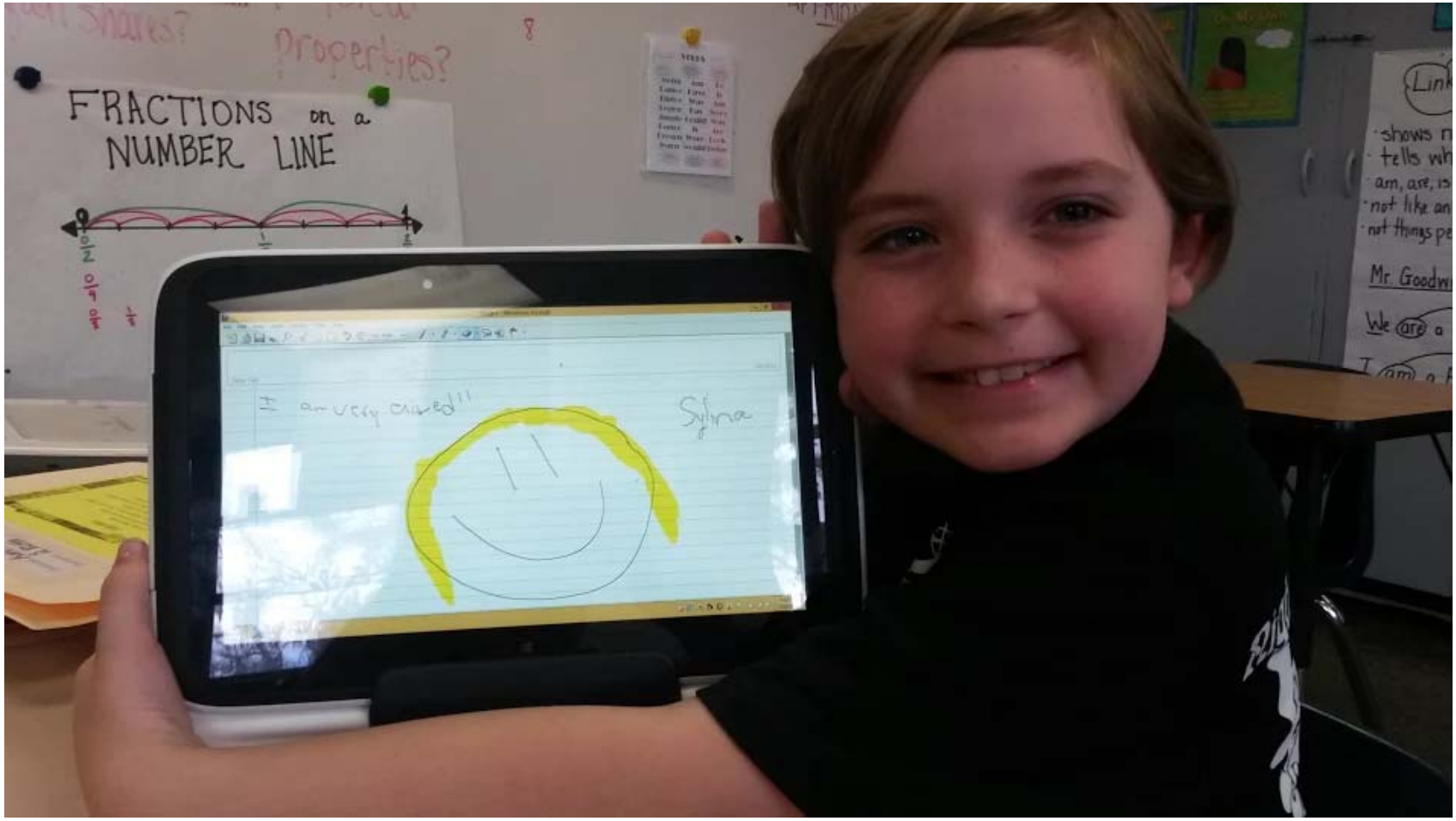
# Where we stand…

- 2300 devices handed out to every K-3 student in January 2015
- 2580 devices handed out to every 4-8 student August 2015
- 9-12 slated for August 2016 with 2100 more devices

# The Power of the Student

In an MTSSS meeting the teacher was having a tough time incorporating an intervention into the day. There just was not enough time. The student (4th grade) popped up stating, with my device, I can access the program at home and I will do it every night- Jessica Craven, Assistant Principal at Cottondale Elementary.

# Showing off



# May 27th and still learning…

# Coming Together

- Curriculum
- ESE
- Information Technology
- Educational Technology
- Student Services
- Finance
- Facilities
- Federal Programs
- Vocational
- Media Specialists

# Biggest Breakthrough

## INFORMATION TECHNOLOGY

They are a tough breed to train. They live in a 1001001 world. We built a bridge by hiring tech savvy teachers as technology resource teachers, who could speak both languages. We meet together and just talked and learned from each other.

# Get the word out….

- 6 parent meetings on DJ STAT
- Chamber of Commerce Breakfast
- Optimist Club
- Lion’s Club
- Rotary Club
- District Parent Advisory Council Meetings
- Board Meetings
- NAACP Back to School Event

# Print and Video Media

- WJHG- Channel 7 Panama City
- WMMB- Channel 13 Panama City
- WJAQ- Local Radio
- Floridan, Graceville News, Jackson County Times and Twin City News- Print

JACKSON COUNTY
FLORIDAN
Disabled American Veterans to host Memorial Day observance
JACKSON SCHOOLS
GO DIGITAL
JACKSON COUNTY
FLORIDAN
YOUR INFORMATION SOURCE

# A star is born

# Open House

- We opened the doors to the public for two days in May 2015 to a good reception.

Aa Ee

Mrs.
Debolt

Photo Courtesy of the Floridan’s Angie Cook

# Fund Braiding

- Digital Classrooms Plan- Student Devices
- Instructional Materials and Supplies- Student Devices and Digital Content
- Title I- teacher devices
- Title I- digital supplemental content
  - Video streaming
  - Data platform
  - Single sign-on support

# Fund Braiding

- Title II- training stipends
- Title VI- training stipends
- RTTT Digital Professional Development- Training and PAEC Support
- General Fund- Technology Resource Teachers
- Title II- Math and Reading Resource Teachers

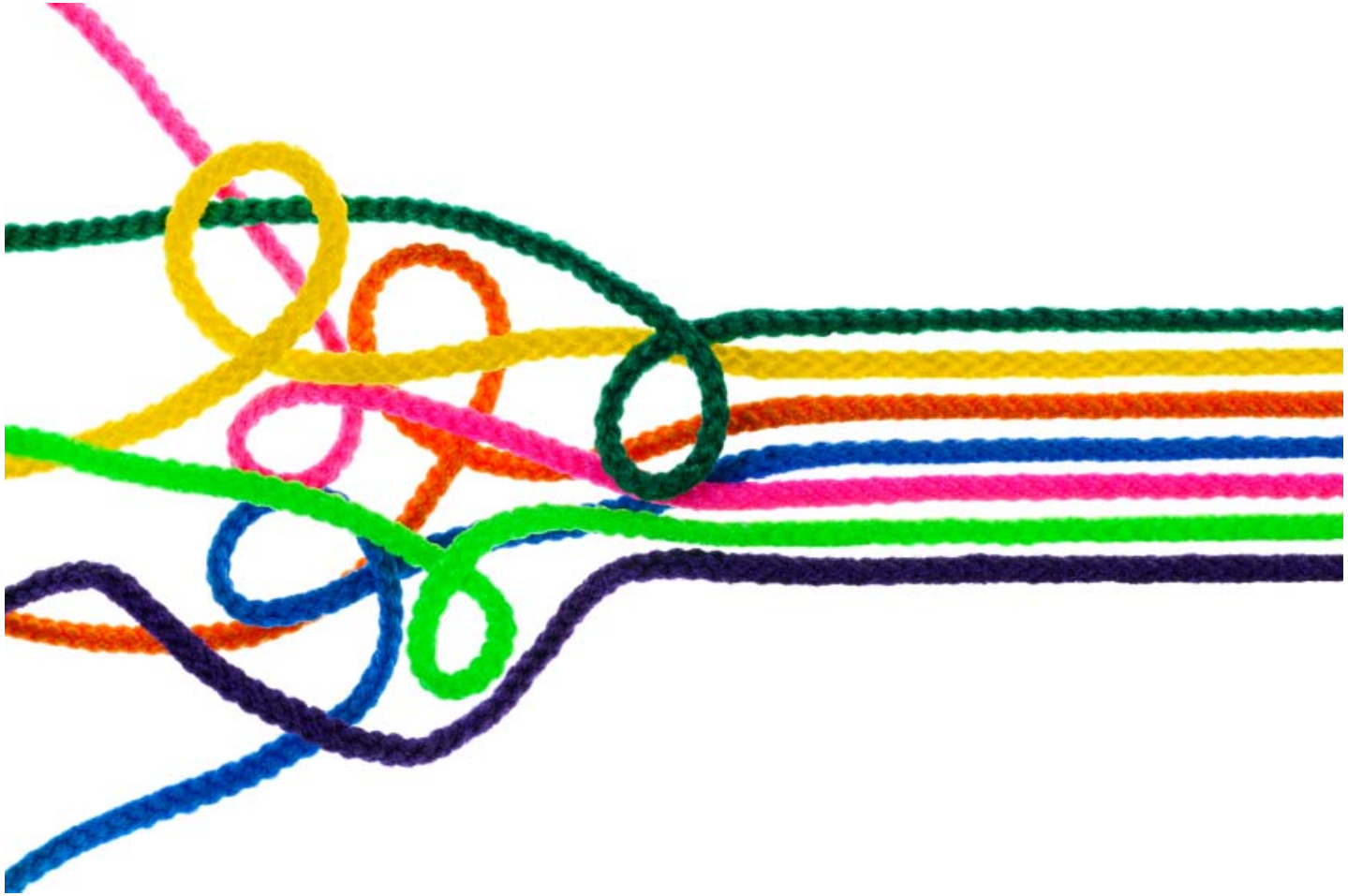
# Fund Braiding

- RTTT- Server Upgrades
- RTTT- Web filtering upgrades
- E-Rate- Laid 67 miles of Fiber Optics
- Rural Broadband- Wireless Access Points
- ½ Cent Sales Tax- peripherals and general infrastructure
- General Fund- 3 more tech personnel

# Fund Braiding

- General Fund- Office 365 Products
- IDEA- computer programs
- IDEA- additional supplements to technology needed for students
- Carl Perkins- Industry Certification in Microsoft

# RESOURCE ALIGNMENT



# Programs Reviewed

- “Every Child, Every Day” by Mark Edwards
- Flagler County Public Schools
- Leon County Public Schools
- Baldwin County Public Schools
- Project RED
- Intel Teach for America Elements

# Why are we doing this?

- 21st Century learning environment for a 21st Century student
- Increase student engagement and achievement
- Bridge the technology divide

# Story of Optimism, Options and Opportunity

A Graceville Elementary 5th grade student went on a virtual field trip. The teacher asked them to visit a place they want to go to, but never have been. This student's virtual tour was of the beach. They have lived their entire life in Florida and went to the beach for the first time sitting at their desk. A friend in the classroom asked them to go to the beach for real over the summer. Connections virtual and real happen.