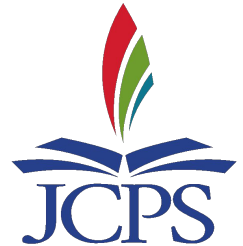




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**Jefferson County Public Schools**

**Digital  
Transformation  
Update**



# Information Technology Department

- Access Control
- Video Surveillance
- Intercom
- Computer Imaging, Repair
- iPad Repair
- On-site/Field Technology Support
- Cabling
- Board Meeting Support

**Field  
Operations**

- Network
- Phones
- Storage & Servers
- Data Center
- Enterprise Backup
- O365
- Disaster Recovery

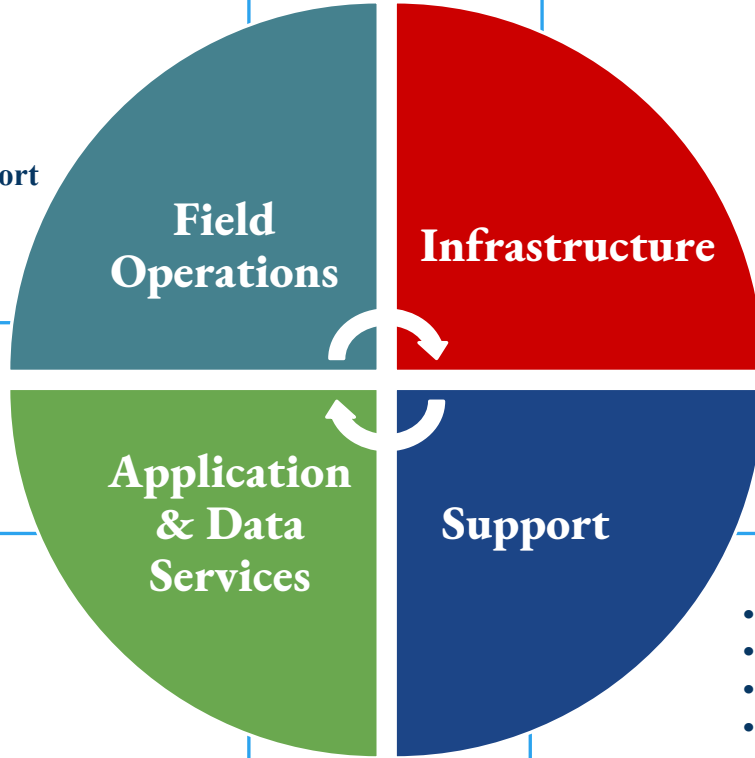
**Infrastructure**

- Application Development
- Data Warehouse
- Database Management
- Business Intelligence
- Reports

**Application  
& Data  
Services**

**Support**

- Teacher TIP
- Infinite Campus Permissions
- Phone & Remote Support
- Software Installs
- Google Domain Administration



- 50,000+ Help desk calls resolved per year
- 8,161 Wireless access points
- 100+ Miles of JCPS owned fiber optic
- 30+ Miles of cable installed in 2018
- 45,000+ Managed devices
- Enterprise Storage 0.77 PB

## Did you Know?

- 174 Robotics Teams
- Digital Promise Verizon Innovative Learning Schools \$5M grant recipient
- District-wide training provided to 3,500+ staff members
- 13,100 Telephones
- 3,300 Two-way radios
- 63 Active STLP schools

- Risk assessment
- Logical and physical measures to secure key systems
- Enhanced email protection on targeted staff

## Updates

- Threat analytics
- Multi-factor authentication
- Security awareness campaign
- Business continuity initiative

# Cybersecurity



## The New Normal

*Bringing the  
JCPS Backpack for Success Skills  
To Life Digitally*

## JCPS Digital Backpack

Backpack of  
Success Skills



Racial Equity



Culture  
& Climate





Last modified

Jul 31, 2018 m

Aug 3, 2018

1:17 PM me

Aug 9, 2018 m

Jul 26, 2018 m

Jul 27, 2018 m

Aug 16, 2018 n

Aug 16, 2018 n

Jul 29, 2018 m

Aug 16, 2018 n

Aug 2, 2018 m



Groups



YouTube



Maps



News



Photos



Vault



Hangouts



Forms



Keep



Cloud Search



Earth



Backpack



BrainPOP



Classroom

☰ JCPS Student Backpack > Home



Welcome to your JCPS Student Backpack **Nevia Smith!**



### Tagged Artifacts

Tag and collect artifacts that demonstrate your progress in each success skill area.









### Showcase

Prepare your showcases, give and get feedback on others.




The cards below link to your Backpack Skills folders in Google Drive. Use these to organize work that demonstrates your progress in each skill area.

|  |  |  |   |
|--|--|--|---|
| <br><b>PREPARED AND RESILIENT LEARNER</b><br>1 item | <br><b>EFFECTIVE COMMUNICATOR</b><br>No items | <br><b>EMERGING INNOVATOR</b><br>No items | <br><b>GLOBALLY AND CULTURALLY COMPETENT CITIZEN</b><br>1 item |
| <br><b>PRODUCTIVE COLLABORATOR</b><br>No items      | <br><b>SCHOOL SIGNATURE ITEM</b><br>No items  |  |   |

[ADD ITEM](#) [REFRESH COUNTS](#)

# Digital Backpack For Success Skills Artifacts



**Tagged Artifacts**

Tag and collect artifacts that demonstrate your progress in each success skill area.

## To University and Beyond!

### About me



Joe Bloggs

See all Showcases

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quisque urna enim, rhoncus at malesuada sit amet, accumsan vel risus. Vestibulum ante ipsum primis in faucibus orci luctus et.

### About this Showcase

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### Reflections & Supporting Artifacts



Electric Car Research Project

Last updated Jan 12, 2018



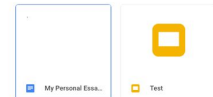
Battery Energy Density Experiment

Last updated March 15, 2018

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec ut posuere ex. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aliquam a malesuada nunc. Duis ac nibh odio. Morbi suscipit ligula vitae volutpat pretium. Mauris eu dui non ex pellentesque ultrices a nec sapien. Suspendisse potenti. Vestibulum ut leo vel tellus commodo venenatis. In in lacus interdum, commodo felis ut, euismod felis.

Phasellus tortor odio, placerat non erat non, varius euismod est. Integer quis tincidunt velit, quis luctus augue. Maecenas mollis eros et mi efficitur, sit amet vehicula ante dictum. Aliquam facilisis quam erat, et convallis nisi facilisis non. Proin malesuada sed lectus ut accumsan. Integer fringilla egestas nunc sit amet dapibus. Quisque gravida felis sit amet risus tempor maximus. Curabitur eget interdum purus.

#### Artifacts

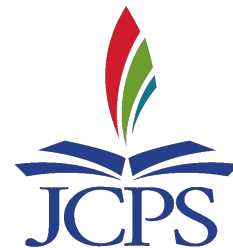
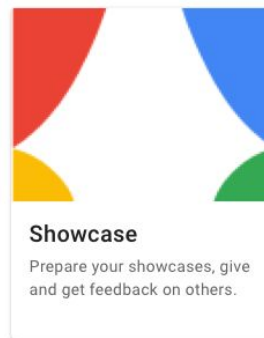


Battery Energy Density Experiment

Last updated March 15, 2018

Guestbook

# Digital Backpack For Success Skills Showcase





## Google Classroom

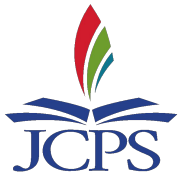
- 7,326 Active Google Classrooms (450% Increase)
- 814 Student posts
- 3,219 Teacher posts

October 19th

## Google Suite

- 59,525 Drive documents added / edited
- 5,191 Google Slide Presentations created
- 21,142 Google Docs created

**ONE DAY in the life of JCPS  
Teacher / Student GSuite Activity**



## **Network Infrastructure**

- Bandwidth
- WiFi Heatmaps
- Fiber Optic Connectivity
- Network uptime

## **ZONES**

## **Digital Innovation Leaders**

- Training
- Backpack
- Digital Citizenship
- STLP
- 1:1 Implementation

# **Digital Transformation Data Matrix**



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# Digital Equity and Access

Please consider a recurring Technology Operating Budget when determining budget priorities for 2019-2020 School Year.

The annual budget would support the following:

- **Network Infrastructure Upgrades**
- **Student Instructional Mobile Device Replacement Plan**
  - Baseline allocation for all schools
  - School / district KETs matching funds

