



## Indiana Tech Plan 2019

For question explanations, please consult the [posted guidance document](#).

### School Corporation

Bartholomew Con School Corp

### District Technology Website URL

<http://www.bcsc.k12.in.us/site/Default.aspx?PageID=212>

### District Logo Graphic URL

[https://drive.google.com/file/d/1fHOP1QonTunUS9EhpSDwEu\\_b8ufBzfR7Z/view?usp=sharing](https://drive.google.com/file/d/1fHOP1QonTunUS9EhpSDwEu_b8ufBzfR7Z/view?usp=sharing)

## Technology Personnel

### Technology Lead

Nick Williams

### eMail

[williamsn@bcsc.k12.in.us](mailto:williamsn@bcsc.k12.in.us)

### Title

Technology Director

### What certifications have you obtained to support your work?

Certified Education Technology Leader (CETL)

Google, Common Sense Media

**Approximate FTE technician/support in district** 22

**Approximate FTE integration coaches in district** 8

**Approximate FTE state reporting position(s) in district** 4

**Vision for Technology Integration into the school corporation's curriculum:**

BCSC seeks to create an environment of active learning spaces that supports our commitment to Deeper Learning and our instructional framework of Universal Design for Learning. This learning environment will provide support for ALL learners through technology that is culturally responsive, works to remove barriers of technology, space, and time, and provides a foundation for future technological innovations.

**What is the approximate (or average) years of experience of these (or comparable) positions in your district?**

	Experience
Tech Lead	0-5 years
Network Administrator	16-20 years
Database Manager	21-25 years
Technician	16-20 years
Integration Coach	6-10 years

**What is the approximate (or average) salary for these (or comparable) positions in your district?**

	Salary Estimate
Tech Lead	\$100,000 - \$104,999
Network Administrator	\$65,000 - \$69,999
Database Manager	\$50,000 - \$54,999
Technician	\$30,000 - \$34,999
Integration Coach	\$35,000 - \$39,999

**% of content that is physical textbooks** 40%

**% of content that is purchased digital content** 40%

**% that is digital content curated/created by teachers**

20%

**Has your district promoted Open Educational Resources (OER)?**

Yes

**Does your district offer organized eSports opportunities?**

No organized participation

## Infrastructure

**What do you use for your primary classroom display?**

Elementary and Middle Schools have SmartBoards and High Schools have projectors

**Total internet access capacity for the district (Mbps)**

7,000

**Average utilization of this capacity**

40-49%

**Current wide area network (WAN)**

WAN: Fiber - All Sites

**District Wi-Fi access deployed**

All Schools

**Wi-Fi access allowed for:**

School devices

Teacher BYOD

Student BYOD

### **Future plans for network improvement**

BCSC will be looking at continuing to refine our wireless environment as isolated pockets of coverage or capacity are identified. Using E-Rate Category 2 funding, we will update all secondary schools to AX access points. We will also be looking at expanding our use of VOIP and Unified Communications as our existing PBX infrastructure begins to age. Our Internet egress will continue to increase as we work towards SETDA recommendations.

### **Away from school access initiatives**

Loan out mobile Wi-Fi hotspots

Partner with local businesses

**District's primary LMS**

itsLearning

**District's SIS**

Powerschool

**Collaboration & productivity platforms in use**

Google Apps for Education (G Suite)

**PRIMARY collaboration & productivity platform**

Google Apps for Education (G Suite)

## **Heading**

**Blogger**

Teachers Only

**Facebook**

Teachers Only

**Google+**

Teachers Only

**Skype**

Teachers Only

**Twitter**

Teachers Only

**YouTube**

Open

# Blended and Virtual Learning

**What external providers do you work with for virtual courses?**

Edgenuity

Edmentum

**Reading/ELA curriculum solutions currently in use (check all in use):**

ABCmouse

Newsela

RazKids

Reading A-Z

Renaissance Accelerated Reader

Starfall

McGraw Hill Wonders, IXL

**Mathematics curriculum solutions currently in use (check all in use):**

HMH GoMath

IXL

CPM

**Other curriculum solutions currently in use (check all in use):**

BrainPop

Common Sense Media

Discovery Ed Techbook

Follett

HMH Social Studies

Pearson Realize

PLTW

G-W

**What steps is your district taking to improve the quality of your eLearning days?**

BCSC is improving eLearning Days, by providing more training for our educators, more communication to our parents, intentional practice, and proving a list of available internet providers including businesses and partnerships with churches, fire departments, and community buildings.

Our eLearning Day lessons are designed around our instructional framework, Universal Design for Learning which focuses on student choice and access.

BCSC provides professional development or work opportunities for all staff during eLearning Days so they can make up their hours.

Our community eLearning Day website: <https://sites.google.com/bcsc.k12.in.us/bcscelearning/home>

**Is your district using eLearning days?**

Yes, for inclement weather (on days that would have been canceled)

# Cybersecurity

Outside of credit recovery courses, what percent of your students receive MOST of their instruction virtually?

1-5%

In your district, which of these areas are in need of further development or support?

External penetration testing

Vendor practices

Data security

When you are searching for cybersecurity information, what trusted sources do you look to?

CoSN, Homeland Security, State of Indiana/DOE, Vendors

How often is cybersecurity a topic of discussion at your cabinet level meetings?

Several times a month

How much money does your district have budgeted for cybersecurity?

Consistent funding for our cybersecurity priorities

How does your district budget for cybersecurity today?

Operations budget (annual allotment)

Grants

Have you conducted a phishing security test?

Yes

What hardware/software do you use for:

	Current solution in use
Firewall	Palo Alto
Web filtering	Content Keeper
Intrusion prevention	Pondurance
Centralized logging	Pondurance
Endpoint protection	Kaspersky
User tracking	Pondurance, Zenworks
Network monitoring	Pondurance
Mobile device management (MDM)	Content Keeper

# Professional Development

## Technology training

Vendor supplied trainings

Instructional technology coach(es)

Technology focused faculty meetings

Peer technology sharing

Teachers encouraged to attend Summer of eLearning

UDL Summer Institute, New Teacher Academy, Resource Adoptions, Twitter, Online Pathways

## Describe your current focus for Professional Development and plan to provide in-service training over the next three years:

BCSC's focus for professional development is designing the learning environment using the UDL framework. Consistent with our UDL focus, we are also working on addressing the achievement gap by developing a staff that understands cultural responsiveness.

We will continue to offer training for all staff members through conferences, after school workshops, PLCs, department meetings, faculty meetings, Twitter, and YouTube.

We have started recording PD sessions to offer online learning pathways for our staff available anytime.

# 1:1 Status

## District 1:1 status

1:1 at most grade levels

## 1:1 grade levels

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

**Total number of student devices in use in your district** 12,000

**Are you using your 1:1 devices for testing? (including ISTEP+)** Yes - Most

**At what level do students begin to take devices home?** 1

**Grades K-2** Dell Chromebook

**Current device notes** BCSC has some HP Chromebook and laptops in certain grade levels. K is 1:3 with iPads and Chromebooks

**Grades 3-5** Dell Chromebook

**Grades 6-8** Dell Chromebook

**Grades 9-12** Dell Laptop

**Estimate the break rate (%) for student devices:** 6

**How do you handle repair costs for 1:1 devices?**  
BCSC invoices parents or guardians for damages of our 1:1 devices.

**Are devices filtered away from school?** Yes - same as school

## Planning

**1:1 funding streams** Education Fund



**Future plans and schedule for replacing current devices**

We replace student devices every 4 years. Our 1st graders, 5th graders, and 9th graders receive new devices. At the end of 4th grade, our students have the option of keeping their device for home use.

**Criteria for selecting new technology**

BCSC's criteria for selecting new technology is based on the devices ability to break down learning barriers for all students through the lens of UDL, cost, reliability, and service.

