



## 2022 Indiana Tech Plan Survey

To access a fillable PDF version of the survey with guidance notes, [click here](#).

Reminders for completion:

- This survey should be submitted once per traditional school corporation or charter school and all responses should be based on activities occurring during the 2021-2022 school year.
- It may be necessary for the technology lead (person completing the survey) to collaborate with a curriculum lead to ensure the most accurate responses.
- If a required free response question is not applicable to you, simply enter "n/a."
- If you have questions or experience technical difficulties, contact [Brad Hagg](#).

## 2022 Indiana Tech Plan Survey

### School/Corporation

Bartholomew Con School Corp 0365

### Type of Entity Completing

Public School Corporation

### School Corporation/School Technology Website URL

<https://www.bcscschools.org/technology>

## Operations

## Personnel

### Technology Lead Name

Nicholas Williams

### Technology Lead Email

williamsn@bcsc.k12.in.us

### Technology Lead Title

Technology Director

### Have you obtained a Certified Education Technology Leader Certification (CETL)?

Yes

### Which of the following CompTIA certifications have you obtained to support your work?

None obtained

**Which other certifications have you obtained to support your work?**

None obtained

**Approximate FTE technician/support in school/school corporation**

23

**Approximate FTE integration coaches in school/school corporation**

4

**Approximate FTE state reporting position(s) in school/school corporation**

4

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

	Salary Estimate
Tech Lead	\$105,000 - \$109,999
Network Administrator	\$65,000 - \$69,999
Database Manager	\$55,000 - \$59,999
Technician	\$35,000 - \$39,999
Integration Coach	\$35,000 - \$39,999

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

	Experience
Tech Lead	0-5 years
Network Administrator	16-20 years
Database Manager	21-25 years
Technician	11-15 years
Integration Coach	6-10 years

**Are you outsourcing technology services?**

No

**Are devices filtered away from school?**

Yes - same as school

**Which of these statements best describes your school/school corporation?**

Responsibility for technology integration is primarily the responsibility of the technology department.

## Infrastructure

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

Projector and whiteboard

**Where are your servers primarily hosted?**

Cloud

**Who is your cloud provider? If your school/school corporation utilizes multiple providers, please select your preferred provider.**

Google

**What mode(s) of cloud services does your school/school corporation utilize?**

Platform as a Service (helps facilitate the creation of internet-based software)

Software as a Service (internet-based applications that are available for purchase)

**Total internet bandwidth for the school/school corporation (Mbps)**

10,000

**Average utilization of internet bandwidth**

40-49%

**Current wide area network (WAN)**

WAN: Fiber - All Sites

**School corporation Wi-Fi access deployed**

All Schools

**How many of your students DO NOT have verified access to broadband internet at home?**

2000

**If students do not have home internet access, how are they assisted in accessing their schoolwork when at home?**

Distribute hotspots

Provide list of local establishments with public Wi-Fi

Allow students to use school Wi-Fi outside of normal school hours

Distribute physical learning materials

## Devices

**What is your primary 1:1 device for grades K-2?**

HP Chromebook

**What is your primary 1:1 device for grades 3-5?**

HP Chromebook

**What is your primary 1:1 device for grades 6-8?**

HP Chromebook

**What is your primary 1:1 device for grades 9-12?**

Dell Chromebook

**Other comments related to 1:1 devices:**

BCSC has a four year replacement cycle for devices. Every 1st, 5th, and 9th grader will get a new Chromebook. 11th and 12th grade have laptops but will be phased out.

**Does your school/school corporation allow students to BYOD in lieu of their primary device?**

Yes

**Equipment provided to students to support**

**Did your school/school corporation upgrade its on-campus bandwidth in response to COVID?**

No

**In addition to school-issued devices, Wi-Fi access allowed for:**

Teacher Bring Your Own Device (BYOD)

Student BYOD

Guests

**Away from school access initiatives**

Loan out mobile Wi-Fi hotspots

**Who is your mobile hotspot provider?**

Verizon

**In the last year, has your school/school corporation purchased hotspots with cellular data plans for students?**

Yes

**What was the funding source for this purchase?**

Federal Funds

**How many mobile hotspots were loaned out to students for the 2021-2022 school year?**

450

**Primary financial operations platform:**

Skyward

**Primary human resources platform:**

Skyward

## 1:1 Status and Digital Equity

**How many of your students DO NOT have a school-issued device that they are permitted to take home?**

0

**virtual learning and video conferencing:**

Laptop/Computer with web cam

**Estimate the break rate percent for student devices:**

5

**How do you handle repair costs for 1:1 devices?**

We invoice families for damages.

**During virtual/hybrid learning, how are you offering tech support that requires physical repairs?**

Students can exchange their broken device for a loaner while their device is being repaired.

**How do you offer tech support during virtual/hybrid learning?**

Phone hotline

Help desk ticketing system

**Do you offer an after hours help desk?**

No

**Do you utilize a student tech team for device repair?**

Interested/Exploring

## Platforms

**School/school corporation's primary (most used) LMS:**

itsLearning

**School/school corporation's second most used LMS:**

None Identified

**School/school corporation's SIS:**

Powerschool

**Is your SIS capable of storing digital equity data elements?**

Yes

How many of your students DO NOT have a school-issued device for day-to-day use at school?

0

What is your school/school corporation's 1:1 status?

1:1 at all grade levels

What grade levels are 1:1?

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

What is the total number of student devices in use in your school/school corporation?

11500

At what level do students begin to take devices home?

K

For the following questions, utilize the following definitions:

**Virtual Learning** - Students engage in an interactive learning environment created through technology in which the student for whom the instruction is being provided is separated from a teacher by time or space, or both. This includes virtual learning days utilized for inclement weather, planned professional development, COVID-19 response, etc.

**Synchronous Virtual Learning** - Learning occurs live and in real time. Synchronous virtual learning takes place remotely.

**Asynchronous Virtual Learning** - Self-paced and not strictly bound by time. Asynchronous virtual learning takes place remotely.

**Hybrid Approach** - A combination of face-to-face and virtual learning.

**Blended Learning** - Digital learning experiences are incorporated into the traditional classroom setting. Blended learning is **not** the same as a hybrid approach.

Is your school/school corporation primary contact for digital learning the same as your school/school corporation technology lead?

Yes

Primary (most used) collaboration and productivity platform:

Google Apps for Education (G Suite) Enterprise (paid)

Primary (most used) video conferencing tool:

Google Meet

## Digital Learning

### Curriculum Allocations

	Percent
What percent of your school/school corporation's curriculum is purchased or locally-created non-digital content?	20
What percent of your school/school school corporation's curriculum is purchased digital content?	70

	<b>Percent</b>
<b>What percent of your school/school corporation's curriculum is digital content that is curated/created locally?</b>	10

**Total Curriculum Allocated (Must Equal 100):**

100

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

Edgenuity

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

1-5%

**ELA digital curricular resources currently in use (check all in use):**

HMH Read 180

**Mathematics digital curricular resources currently in use (check all in use):**

HMH GoMath

**Other digital curricular resources currently in use (check all in use):**

BrainPop

Cengage

Code.org

Common Sense Media

Discovery Ed Techbook

Khan Academy

PLTW

Savvas, Studies Weekly, CPM, Wiley, GW

**How is your school/school corporation using virtual learning days?**

COVID-related

Inclement weather

**Does your school/school corporation intend to utilize virtual learning days next year?**

Yes

**Describe any barriers you face when**

**implementing virtual learning days and describe how they impact your decision to implement (or not implement) virtual learning days.**

Connectivity in our county and affordable internet options are our biggest barriers for our families.

**In general, for grades K-2, are your virtual learning days synchronous or asynchronous?**

A combination of synchronous and asynchronous

**In general, for grades 3-5, are your virtual learning days synchronous or asynchronous?**

A combination of synchronous and asynchronous

**In general, for grades 6-8, are your virtual learning days synchronous or asynchronous?**

A combination of synchronous and asynchronous

**In general, for grades 9-12, are your virtual learning days synchronous or asynchronous?**

A combination of synchronous and asynchronous

**What have been your school/school corporation's biggest successes over the past year with virtual and/or hybrid learning?**

Our district designs online learning environments intentionally using UDL as our framework. Students have options on how to learn and how to show what they learned inside of our LMS. We have generic templates to help families, students, and support staff navigate the online space consistently.

**What have been your school/school corporation's biggest challenges over the past year with virtual and/or hybrid learning?**

Connectivity for our families in the county and affordable internet options.

**Since the beginning of this school year, how have you determined student attendance for virtual learning?**

Completion of daily objectives per class

**Is your school/school corporation planning to offer a fully virtual or hybrid option for the 2022-2023 school year?**

Yes

**Does your school/school corporation intend to start a new virtual program or virtual school for the 2022-2023 school year?**

No

**Over the last school year, what have been the most successful channels for communication with parents regarding student engagement?**

Communication App (ClassDojo, Remind, etc.)

**Which of the following topics best represents the professional development priority of your school/school corporation to improve virtual learning quality and the student experience?**

Learning environment design through UDL

**Describe the strategy your school/school corporation will utilize to address the identified priority.**

We utilize several professional development options to help our teachers improve online learning. This includes a summer UDL Institute, new teacher orientation, new teacher academy, built in PD days, monthly workshops, online knowledgebase, and school trainings.

**What steps is your school/school corporation taking to improve the quality of your virtual learning days?**

We are working in developing our teachers, working with the county to help improve internet access for our families, and improving communication lines for our stakeholders.

**Which set of standards or specific methodology does your school/school corporation utilize to develop blended and virtual learning experiences? Select all that apply.**

ISTE Standards (International Society for Technology in Education)

Universal Design for Learning (UDL)

**What is your staffing approach for virtual students?**

Dedicated virtual teacher(s). Some teachers are responsible for virtual students only.

During eLearning days, classroom teachers are expected to teach online students

**How has your school/school corporation been successful with engaging students in hybrid and/or virtual learning?**

We have a dedicated program with a director and teacher who engage with students daily. They have a building and spaces for students to come in and work if needed. The program will have student events to create a sense of community. Students do have a home school where they are able to participate in activities.

## Computer Science

**Do your kindergarten students receive standards-based computer science (CS) instruction?**

Yes

**Kindergarten - CS Implementation Strategy?**

Required set of lessons across school/school corporation

**Kindergarten - Where does CS instruction take place?**

Required specials/rotation/standalone class

**Kindergarten - Who delivers the majority of CS instruction?**

Licensed teacher

**Do your first grade students receive standards-based computer science (CS) instruction?**

Yes

**Grade 1 - CS Implementation Strategy?**

Required set of lessons across school/school corporation

**Grade 1 - Where does CS instruction take place?**

Required specials/rotation/standalone class

**Grade 1 - Who delivers the majority of CS instruction?**

Licensed teacher

**Do your second grade students receive standards-based computer science (CS) instruction?**

Yes

**Grade 2 - CS Implementation Strategy?**

Required set of lessons across school/school corporation

**Grade 2 - Where does CS instruction take place?**

Required specials/rotation/standalone class

**Grade 2 - Who delivers the majority of CS instruction?**

Licensed teacher

**Do your third grade students receive standards-based computer science (CS) instruction?**

Yes

**Grade 3 - CS Implementation Strategy?**

Required set of lessons across school/school corporation

**Grade 3 - Where does CS instruction take place?**

Required specials/rotation/standalone class

**Grade 3 - Who delivers the majority of CS instruction?**

Licensed teacher

**Do your fourth grade students receive standards-based computer science instruction?**

Yes

**Grade 4 - CS Implementation Strategy?**

Required set of lessons across school/school corporation

**Grade 4 - Where does CS instruction take place?**

Required specials/rotation/standalone class

**Grade 4 - Who delivers the majority of CS instruction?**

Licensed teacher

**Do your fifth grade students receive standards-based computer science (CS) instruction?**

Yes

**Grade 5 - CS Implementation Strategy?**

Required set of lessons across school/school corporation

**Grade 5 - Where does CS instruction take place?**

Required specials/rotation/standalone class

**Grade 5 - Who delivers the majority of CS instruction?**

Licensed teacher

**Do your sixth grade students receive standards-based computer science (CS) instruction?**

Yes

### **Grade 6 - CS Implementation Strategy?**

Required set of lessons across school/school corporation

### **Grade 6 - Where does CS instruction take place?**

Required specials/rotation/standalone class

### **Grade 6 - Who delivers the majority of CS instruction?**

Licensed teacher

### **Do your seventh grade students receive standards-based computer science (CS) instruction?**

Yes

### **Grade 7 - CS Implementation Strategy?**

Teacher-level decision

### **Grade 7 - Where does CS instruction take place?**

Elective specials/rotation/standalone class

### **Grade 7 - Who delivers the majority of CS instruction?**

Licensed teacher

### **Do your eighth grade students receive standards-based computer science (CS) instruction?**

Yes

### **Grade 8 - CS Implementation Strategy?**

Teacher-level decision

### **Grade 8 - Where does CS instruction take place?**

Elective specials/rotation/standalone class

### **Grade 8 - Who delivers the majority of CS instruction?**

Licensed teacher

**Which computer science curriculum provider(s) do you utilize in grades K-5?**

Code.org

Project Lead The Way

Locally-created units/lessons

**Which computer science curriculum provider(s) do you utilize in grades 6-8?**

Code.org

Project Lead The Way

Locally-created units/lessons

**Who coordinates computer science curriculum in your school/school corporation?**

Curriculum Director

**Please share the contact information for the individual who coordinates computer science curriculum in your school/school corporation:**

**Gene**      **Hack**  
First Name   Last Name

**hackg@bcsc.k12.in.us**  
Email

**What barriers is your school/school corporation experiencing when planning and implementing K-12 computer science?**

Sustained funding for appropriate curriculum and associated equipment. Adequate and experienced staffing.

**Provide any additional information you would like to share about your computer science implementation. Please include information about future goals for your CS program.**

N/A

## **Planning and Professional Development**

**What advances that have been made in your school/school corporation over the past year will endure? What improvements in digital learning should be preserved and emphasized going forward?**

Communication has improved from starting to use ParentSquare, having a system status page, an accessible knowledge base, and hotline open all year.

We have improved online lesson design and have templates that our staff use for consistent navigation.

Meetings and trainings have been highly attended through Google Meet and Zoom.

**What funding source(s) do you use for 1:1 devices?**

Capital Projects Fund

Federal COVID Relief Funds

**What are your school/school corporation's future plans and schedule for replacing current devices?**

1st, 5th, and 9th grade devices will be purchased annually through our operations budget.

**What criteria do you use for selecting new technology?**

We use rubrics based on UDL guidelines to make sure devices fit the needs of all of our users.

**How important is a touch screen in your device selection criteria?**

2 / 5

**How do you support technology training in your school/school corporation?**

Vendor supplied trainings

Internal instructional technology coach(es)

Peer technology sharing

IDOE professional development opportunities

HECC conference

Indiana Connected Educators conference

ISTE conference

CoSN conference

**What are your school/school corporation's top three goals for professional development in the next three years?**

To improve our teachers capacity with UDL, PBIS, and cultural responsiveness.

## Cybersecurity

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

Several times a year

**How much money does your school/school corporation have budgeted for cybersecurity?**

Consistent funding, but not enough

**How does your school/school corporation budget for cybersecurity today?**

Operations budget (annual allotment)

Grants

**Are you aware of the state's KnowBe4 program?**

Yes, and we participate

**Have you regularly conducted phishing simulations with your staff?**

Yes

**How would you describe your experience implementing phishing security test(s)? Was it beneficial/useful?**

We self-phish quarterly and it has been beneficial. We have been able to identify specific groups that need extra support, communicated to school and department leaders, and have raised awareness.

**Does your school/school corporation have cybersecurity insurance?**

Yes

**Does your school/school corporation have a disaster recovery/business continuity plan in place?**

Yes

**Are you conducting table-top exercises or simulations of cybersecurity threats to ensure the viability of your plan?**

Yes, regularly

**In your school/school corporation, which of these areas are in need of further development or support?**

- Risk analysis
- Internal penetration testing
- External penetration testing
- Ransomware attacks
- Physical security of equipment rooms

**What hardware/software do you use for:**

	Current solution in use
Firewall	Palo Alto
Web filtering	ContentKeeper
Intrusion prevention	Palo Alto
Centralized logging	Pondurance
Endpoint protection	Microsoft
User tracking	ContentKeeper
Network monitoring	Libre
Mobile device management (MDM)	Jamf, Google
Single sign-on (SSO)	Clever, Google

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

MS-ISAC, Indiana Cybersecurity Taskforce, CoSN, Homeland Security, Insurance partner, HECC

## **Assistive Technology**

**Does your school/school corporation include accessibility standards (Section 508/WCAG 2.X/NIMAS) in the procurement process for instructional materials and technologies?**

Yes

**Does your school/school corporation's Professional Learning Plan include training/professional development on Assistive Technology (AT) and Accessible Educational Materials (AEM) for new staff and ongoing training for current staff?**

Yes

**What percentage of students with IEPs have Assistive Technology included on the provisions section of IIEP?**

5

**What percentage of your school corporation's students with IEPs have Accessible Educational Materials (AEM) included on the provisions section of IIEP?**

2

You have made it to the end of the Tech Plan Survey! Due to some conditional questions, the progress tracker may show that some questions are unanswered. That is OK! If you are able to submit, you have satisfactorily completed the survey. Thank you for your time!