



2023 Indiana Tech Plan Survey

Approval Status

Approved

[2023 Technology Plan Webinar Recording](#)

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 2022-2023 school year.**
- It may be necessary for the technology lead (person completing the survey) to collaborate with other school/school corporation leaders to ensure the most accurate responses. The form may be saved and continued later by clicking the save option on any page.
- 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](#).

School/Corporation

Carmel Clay Schools 3060

Type of Entity Completing

Public School Corporation

School Corporation/School Technology Website URL

<https://www.ccs.k12.in.us/services/technology-data-solutions>

Operations

Personnel, Infrastructure, 1:1 Status and Digital Equity, Devices

Personnel

Technology Lead Name

Christi Cloud

Technology Lead Email

ccloud@ccs.k12.in.us

Technology Lead Ethnicity

White

Technology Lead Title

Technology Director

Has the technology lead obtained a Certified Education Technology Leader certification (CETL)?

No

Which of the following CompTIA certifications has the technology lead obtained to support your school/school corporation?

None obtained

Which other certifications has the technology lead obtained to support your school/school corporation?

MBA

Approximate FTE, and total summary counts of ethnicity of the following positions in your school/school corporation

	FTE	American Indian	Asian	Black	Hispanic	Multiracial	Native Hawaiian or Other Pacific Islander	White
Technician / Support	15	0	0	2	0	0	0	13
Digital Learning Coach	1	0	0	0	0	0	0	1
State Reporting	1	0	0	0	0	0	0	1
Network Administrator	1	0	0	0	0	0	0	1

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

	Salary Estimate
Tech Lead	\$80,000 - \$84,999
Network Administrator	\$95,000 - \$99,999
Database Manager	\$80,000 - \$84,999
Technician	\$50,000 - \$54,999
Digital Learning Coach	\$80,000 - \$84,999

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

	Experience
Tech Lead	16-20 years
Network Administrator	26-30 years
Database Manager	16-20 years
Technician	0-5 years
Digital Learning Coach	0-5 years

Are you outsourcing technology services?

No

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

Responsibility for technology integration in instruction is shared by the technology team and the curriculum team.

Infrastructure

What do you use for your primary classroom display?

Projector and whiteboard

Where are your servers primarily hosted?

On-premises

Which of these best describes your approach to migrating from on-premises to cloud-based offerings?

No plans at this time

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

9,000

Average utilization of internet bandwidth

40-49%

Current wide area network (WAN)

WAN: Fiber - All Sites

Additional WAN info:

AT&T

School corporation Wi-Fi access deployed

All Schools

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

Partner with local businesses

Partner with library

Primary financial operations platform:

New World Systems - Tyler Technologies

Primary financial operations platform version:

NW ERP 2022.1

Primary human resources platform:

New World Systems - Tyler Technologies

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

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 most grade levels

What are the barriers or reasons that impact your decision to not implement a school/school corporation-wide 1:1 strategy?

We are 1:1 K-11th grade. 12th grade had the option to BYOD for the 2022-2023 school year. The majority of students opted in for a school issued device. For the 2023-2024 school year, all 12th grade students will be issued a device.

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? 16500

At what level do students begin to take devices home? K

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

How many of your students DO NOT have verified access to broadband internet at home? 0

If students do not have home internet access, how are they assisted in accessing their schoolwork when at home? CYAP works to help students obtain access either through hotspot or local provider.

Devices

Use the drop-down menus to indicate the MOST COMMON device being used in each grade span. If more than one device is used in a grade span, choose the device used by MOST students in that range. If you have iPads 6 and 7 and Chromebooks at 8, you would enter 'iPad' as the device in the majority at 6-8. While this may not reflect all detail at the school corporation level, it will make it easier to share state trends for each range. If your device does not appear in the list, choose 'Device not listed' and enter your device type in the box marked 'Other comments related to 1:1 devices.' Any other notes about device type should be added to the 'Other comments related to 1:1 devices' box.

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? HP Chromebook

Other comments related to 1:1 devices:

The 2023-2024 will introduce Dell Chromebook for 3 grade levels.

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

Equipment provided to students to support virtual learning and video conferencing: Laptop/Computer with web cam

Estimate the break rate percent for student devices: 6

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

Physically damaged devices are reported to building administrators who then determine if the family should be invoiced for cost of repair based on their determination of intent or negligence. Repeat damage to devices, results in invoicing. The cost of accidental damages are covered by the district.

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

During school years affected by Covid, we had multiple sites where families could drop-off damaged devices and pick up a replacement.

During virtual learning, we use our ticketing system for tech support. Teachers can also report problems for students, and a technician responds as needed.

We monitor after-hours tickets for trends.

We do not have a student tech team, but have been exploring using student interns.

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

These lists were populated based on last year's results. If your current system is not included, please check the "Other" box and enter the name there.

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

Canvas

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

Do you plan to upgrade to a new SIS for the 2023-2024 school year?

No

Primary (most used) collaboration and productivity platform:

Google Apps for Education (G Suite) Standard (free)

Primary (most used) video conferencing tool:

Zoom

Digital Learning

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, 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?

No

Digital Learning Primary Point of Contact Name

Rhonda Peterson

Digital Learning Primary Point of Contact Email

rpeterso@ccs.k12.in.us

Curriculum Allocations

	Percent
What percent of your school/school corporation's curriculum is purchased or locally-created non-digital content?	40
What percent of your school/school school corporation's curriculum is purchased digital content?	50
What percent of your school/school corporation's curriculum is digital content that is curated/created locally?	10

Please ensure that total curriculum allocated in the three questions above equals a total of 100%:

100

What external providers do you work with for virtual courses?

- Edmentum
- Indiana Online
- ALEKS

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

0%

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

- Achieve3000
- Newsela
- Tumblebooks

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

- ALEKS
Big Ideas Math
Everyday Mathematics
- IXL

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

- Cengage
Code.org
Common Sense Media
- Follett
Pearson Realize
PLTW

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

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.

N/A

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

Asynchronous

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

Asynchronous

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

Asynchronous

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

Asynchronous

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

One of our biggest successes was aligning our entire district, K-12, to have a common template and process for using our LMS daily. Another success was engaging all students in continuous learning experiences, regardless of whether they were attending school 100% in person, 100% virtual, in a hybrid model, virtually via a short-term quarantine, or moving in between the different experiences throughout the year. Part of this success stemmed from our work in all levels on identifying essential standards and using those to maximize our time with students.

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

Supporting students' executive functioning skills, vetting online curriculum partners for high quality instructional materials, while supporting teacher creativity and innovation in an online learning environment. Protecting student data and privacy in a quickly changing technology landscape.

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

Assignment completion/staying on track

Is your school/school corporation planning to offer a fully virtual or hybrid option for the 2023-2024 school year?

No

Does your school/school corporation intend to start a new virtual program or virtual school for the 2023-2024 school year?

No

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

School Messenger

Which of the following topics best represents the professional development priority of your school/school corporation to improve

Instructional Design - framework or model being used

virtual and blended learning quality and the student experience?

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

Building-level targeted instructional coaching

Asynchronous professional development modules provided within Canvas to support high-quality digital instructional design

Professional development with K-12 teachers to revisit blended learning

Deep study of Marzano's Instructional Design Model

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

Our teachers carefully craft lessons for students on a daily basis, regardless of where the instruction occurs. Teachers rely on formative assessment to adjust instruction as necessary. Ongoing PD is provided by our administrators, school-based technology coordinators, and our school-based instructional coaches to support continuous improvement in virtual instruction.

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

Universal Design for Learning (UDL)

Local standards/methodology

What is your staffing approach for virtual students?

No virtual option

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

Through the use of a systematic Canvas template, all teachers provided daily activities, resources, and videos in a module based structure. Teachers often use discussion boards, Canvas quizzes, and other online activities to engage students. When a teacher finds a student is unable to complete activities, the teacher and student support services engage with the student and family to ensure necessary support is in place to help the student succeed.

Computer Science

Pursuant to IC 20-30-5-23, each public school, including each charter school, shall include computer science in the public school's curriculum for students in kindergarten through grade 12. The questions in this section aim to quantify particular aspects of standards-based computer science implementation in schools.

Do all kindergarten students in your school/school corporation receive standards-based computer science (CS) instruction?

Yes

Kindergarten - What is your primary CS implementation strategy?

Required set of lessons across school/school corporation

Kindergarten - How often do students experience standards-based computer science instruction?

2-3 times per month

Kindergarten - Where does CS instruction take place?

All of the Above

Kindergarten - Who delivers the majority of CS instruction?

Licensed teacher

Do all first grade students in your school/school corporation receive standards-based computer science (CS) instruction?

Yes

Grade 1 - What is your primary CS implementation strategy?

Required set of lessons across school/school corporation

Grade 1 - How often do students experience standards-based computer science instruction?

2-3 times per month

Grade 1 - Where does CS instruction take place?

All of the Above

Grade 1 - Who delivers the majority of CS instruction?

Licensed teacher

Do all second grade students in your school/school corporation receive standards-based computer science (CS) instruction?

Yes

Grade 2 - What is your primary CS implementation strategy?

Required set of lessons across school/school corporation

Grade 2 - How often do students experience standards-based computer science instruction?

2-3 times per month

Grade 2 - Where does CS instruction take place?

All of the above

Grade 2 - Who delivers the majority of CS instruction?

Licensed teacher

Do all third grade students in your school/school corporation receive standards-based computer science (CS) instruction?

Yes

Grade 3 - What is your primary CS implementation strategy?

Required set of lessons across school/school corporation

Grade 3 - How often do students experience standards-based computer science instruction?

2-3 times per month

Grade 3 - Where does CS instruction take place?	All of the above
Grade 3 - Who delivers the majority of CS instruction?	Licensed teacher
Do all fourth grade students in your school/school corporation receive standards-based computer science instruction?	Yes
Grade 4 - What is your primary CS implementation strategy?	Required set of lessons across school/school corporation
Grade 4 - How often do students experience standards-based computer science instruction?	2-3 times per month
Grade 4 - Where does CS instruction take place?	All of the above
Grade 4 - Who delivers the majority of CS instruction?	Licensed teacher
Do all fifth grade students in your school/school corporation receive standards-based computer science (CS) instruction?	Yes
Grade 5 - What is your primary CS implementation strategy?	Required set of lessons across school/school corporation
Grade 5 - How often do students experience standards-based computer science instruction?	2-3 times per month
Grade 5 - Where does CS instruction take place?	All of the above
Grade 5 - Who delivers the majority of CS instruction?	Licensed teacher
Do all sixth grade students in your school/school corporation receive standards-based computer science (CS) instruction?	Yes
Grade 6 - What is your primary CS implementation strategy?	Required set of lessons across school/school corporation

Grade 6 - How often do students experience standards-based computer science instruction?	2-3 times per month
Grade 6 - Where does CS instruction take place?	All of the above
Grade 6 - Who delivers the majority of CS instruction?	Licensed teacher
Do all seventh grade students in your school/school corporation receive standards-based computer science (CS) instruction?	Yes
Grade 7 - What is your primary CS implementation strategy?	Required set of lessons across school/school corporation
Grade 7 - How often do students experience standards-based computer science instruction?	2-3 times per month
Grade 7 - Where does CS instruction take place?	All of the above
Grade 7 - Who delivers the majority of CS instruction?	Licensed teacher
Do all eighth grade students in your school/school corporation receive standards-based computer science (CS) instruction?	Yes
Grade 8 - What is your primary CS implementation strategy?	Required set of lessons across school/school corporation
Grade 8 - How often do students experience standards-based computer science instruction?	2-3 times per month
Grade 8 - Where does CS instruction take place?	All of the above
Grade 8 - Who delivers the majority of CS instruction?	Licensed teacher
Which computer science curriculum provider(s) do you utilize in grades K-5?	

Codelicious

Code.org

Nextech

Project Lead The Way

Locally-created units/lessons

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

Codelicious

Code.org

Nextech

Project Lead The Way

Locally-created units/lessons

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

All of the above

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

Rhonda Peterson

First Name Last Name

repterso@ccs.k12.in.us

Email

What does your school/school corporation need in order to support the sustainability and growth of your computer science implementation?

NA

Please provide a few details related to goals for future implementation of computer science in your school/school corporation.

We will continue to refine student experiences to mirror future-forward computer science skill sets. While continuing to grow a foundational college and career pathway that prepares our students for their future.

Career Exploration and Graduation Plan Platforms

In order to better understand the utilization of systems to promote career exploration and graduation planning, a new section is being added to the survey this year.

In fulfillment of IC 20-30-5-14, regarding the use of a platform for career exploration for students in 8th grade, what is the primary platform your school or corporation uses?

Indiana Career Explorer

What is the per student cost for the primary career exploration platform used with 8th graders in your school/school corporation during the 2022-2023 school year?

We use the state provided Indiana Career Explorer program exclusively for our career exploration platform and therefore have not incurred licensing costs.

To ensure each student has a graduation plan consistent with IC 20-30-4-2, which of the following most closely describes how your school/school corporation ensures each student has a graduation plan by the end of 8th grade?

School/School Corporation uses the state approved form available from the Commission for Higher Education (or a locally developed form) which is completed for each student and stored in a paper-based permanent file.

As documentation of the student graduation plan is updated during the annual review, as required by IC 20-30-4-6, which of the following most closely describes how records are preserved?

Annual review of a student's graduation plan is conducted and updates/edits are made to the printed version of the document in the student's paper-based permanent file.

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?

This year, we have continued to refine our use of technology in our K-12 one-to-one environment. An emphasis will be placed on amplifying student learning while promoting differentiation and personalization. We will continue to vet resources that are both high quality and safe for our student population. Accessibility continues to be a focal point for both digital and in-person learning environments.

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

Operations Fund (Previously Capital Projects Fund)

General Obligation Bond

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

Devices are replaced on a rotating schedule. Three grade levels per year.

What criteria do you use for selecting new technology?

Cost, durability, length of warranty and available update schedule.

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

5 / 5

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

CoSN conference

HECC conference

IN CTO Council Clinic

Indiana Connected Educators conference

Internal instructional technology coach(es)

ISTE conference

Peer technology sharing

Building level technology coordinators

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

Continue to provide professional development in chunklets (small consumable as needed bites). Focus on the needs of individual students through responsive design and accessible content. Continued focus on student data privacy and security.

Cybersecurity

Note: Answers to the questions in the cybersecurity section will NOT be published publicly, but will be available for schools to compare their cybersecurity posture in the authenticated version of EdData.

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

Once a month

Who is/was involved in the creation, revising, and testing of your Cybersecurity Incident Response Plan? (Chose all involved)

CTO/ Tech Director

Technology team

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)

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?

Extremely beneficial and the resources in KnowBe4 are essential to our success

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, at least once

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
- Vendor practices
- Data security
- Denial-of-service attacks
- Ransomware attacks

While all these elements are in place, we can always use additional support to increase our securities

What hardware/software do you use for:

	Current solution in use
Firewall	Palo Alto
Web filtering	Content Keeper
Intrusion prevention	NA
Centralized logging	Elkstack, Kiwi Syslog
Endpoint protection	Sentinel One
User tracking	Clear Pass
Network monitoring	Snort, Greenbone Security Assessment, Solar Wind, IMC
Mobile device management (MDM)	Simple MDM/Filewave / GSuite / Intune
Single sign-on (SSO)	Rapid IDentity

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

- MSISAC
- Indiana DOE
- K12Six
- SentinelOne Watchtower
- CIS
- NIST

Please enter the information for your HEA 1169 Cybersecurity Incident Reporter. This information will be shared with the Indiana Office of Technology so that the school/school corporation does not have to submit the form each year.

First Name: Christi Last Name: Cloud

Email Address: ccloud@ccs.k12.in.us

Phone Number: 317-844-9961

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? 14

What percentage of your school corporation's students with IEPs have Accessible Educational Materials (AEM) included on the provisions section of IIEP? 5.5

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!

Approval Activity History

Actor	Actions	Date
 Brad Hagg bhagg@doe.in.gov	Approve	Tuesday, May 2, 2023