INDIANA SCHOOL TECH PLAN

2024 Indiana Tech Plan Survey

Approval Status

Approved

[2024 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 2023-2024 school year**.
- **Questions with a (DR) notation indicate featured data points on the IDOE Digital Readiness Dashboard. Please carefully consider your responses with prior year submissions.**
- 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

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 (DR):

Canvas

School/school corporation's second most used LMS:

None Identified

School/school corporation's SIS (DR):

Powerschool

Is your SIS capable of storing digital equity data elements?

Yes

Do you plan to upgrade to a new SIS for the 2024-2025 school year?

No

Primary (most used) collaboration and productivity platform (DR):

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

Primary (most used) video conferencing tool:

Zoom

Operations
Personnel & Infrastructure

Personnel

Technology Lead Name

Christi Cloud

Technology Lead Email

ccloud@ccs.k12.in.us

Technology Lead Title

Director of Technology and Data Solutions

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 (DR)

	FTE	American Indian	Asian	Black	Hispanic	Multiracial	Native Hawaiian or Other Pacific Islander	White
Technician / Support	0	0	0	0	0	0	0	0
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

	FTE	American Indian	Asian	Black	Hispanic	Multiracial	Native Hawaiian or Other Pacific Islander	White
Technology Lead	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
Network Administrator	$95,000 - $99,999
Database Manager	$85,000 - $89,999
Technician	$40,000 - $44,999
Digital Learning Coach	$85,000 - $89,999
Technology Lead	$130,000+

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

	Experience
Technology Lead	11-15 years
Network Administrator	16-20 years
Database Manager	11-15 years
Technician	6-10 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 with Vivi.io

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) (DR)

9,000

Average utilization of internet bandwidth (DR)

50-59%

Current wide area network (WAN) (DR)

WAN: Fiber - All Sites

Additional WAN info:

ATT, 10g

School corporation Wi-Fi access deployed

All Schools

In addition to school-issued devices, Wi-Fi access allowed for (DR):

Teacher Bring Your Own Device (BYOD)

Student BYOD   Guests

Away from school access initiatives (DR)

Partner with library

Primary financial operations platform:

New World Systems - Tyler Technologies

Primary financial operations platform version:

??

Primary human resources platform:

New World Systems - Tyler Technologies

What process do you use for evaluating and selecting new technology applications and hardware?

Our curriculum department drives our technology purchasing

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? (DR)

Several times a year

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? (DR)

Consistent funding, but not enough

How does your school/school corporation budget for cybersecurity today? (DR)

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? (DR)

Yes

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

It has been extremely helpful in raising staff awareness of cybersecurity issues as well as helping us identify vulnerabilities. The high-quality content available in KnowBe4 such as The Inside Man series has been positively received by staff. The ability to automate simulations, training opportunities, and communication makes for an efficient system.

Does your school/school corporation have cybersecurity insurance?

Yes

Does your school/school corporation have Multi-factor Authentication (MFA)?

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? (DR)

External penetration testing   Vendor practices

Data security

Which of these best represents your firewall solution:

Palo Alto

Do you consider your firewall to have next-generation firewall (NGFW) services/capabilities?

Yes

Which of these best represents your primary student web filtering solution:

ContentKeeper

Which of these best represents your intrusion prevention/detection solution:

CrowdStrike

Which of these best represents your centralized logging solution: Elkstack

Which of these best represents your endpoint protection solution: CrowdStrike

Is your endpoint protection solution actively monitored 24/7 (MDR)? Yes

Which of these best represents your Mobile Device Management (MDM) Solution? Simple MDM

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

CISA, K12 Six, Palo Alto's Unit 42, Microsoft,

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: Terry   Last Name: Howell

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

Phone Number: 3174608724

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? (DR) 1:1 at all grade levels

What is the total number of student devices in use in your school/school corporation? 18121

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? 32

If students do not have home internet access, how are they assisted in accessing their schoolwork when at home? Make work available for offline access

work with school support staff to find alternatives

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? (DR)

Dell Chromebook

What is your primary 1:1 device for grades 3-5? (DR)

HP Chromebook

What is your primary 1:1 device for grades 6-8? (DR)

HP Chromebook

What is your primary 1:1 device for grades 9-12? (DR)

Dell Chromebook

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

5 / 5

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

Operations Fund (Previously Capital Projects Fund)

General Obligation Bond

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

continue with 1:1 with a seven year replacement schedule

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

No

Equipment provided to students to support virtual learning and video conferencing:

None

Estimate the break rate percent for student devices:

5

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

most covered by district, students charged for repeat offenses or intentional damage as determined by building administrators

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

families bring devices to buildings and receive replacement device

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?
Yes

What type of training is in place for the students that are involved?

We have interns who are doing device repair, and they must complete the HP and Dell certification courses. In addition, they work alongside our technicians.

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

Digital Learning Primary Point of Contact Role
Director of Curriculum

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
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? (DR)

ALEKS Edmentum Indiana Online

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

0%

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

Achieve3000 Amplify Newsela
Tumblebooks

Rate your level of confidence in the alignment of your ELA digital curricular resources with the Science of Reading.

5 / 5

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

ALEKS McGraw Hill Reveal

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

Cengage Code.org Common Sense Media
Follett Pearson Realize PLTW

Which of the following AI-Powered tools has your school purchased for teacher and/or student use?

None

How is your school/school corporation using virtual learning days? (DR)

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?(DR)

Asynchronous

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

Asynchronous

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

Asynchronous

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

Asynchronous

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

Introducing and streamlining digital tools that help teachers and student realize continuous learning. Moving teachers to a more mobile classroom environment with the use of VIVI and the iPad.

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

Letting go of the Microsoft Suite. Some teachers have just not gotten to the palce where they are totally comfortable working within the Google Suite, yet. Protecting student data continues to be a priority and a challenge.

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 2024-2025 school year?

No

Does your school/school corporation intend to start a new virtual program or virtual school for the 2024-2025 school year?

No

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

School Messanger

What guidance has your school/school district provided to teachers and students regarding the use of Generative AI tools?

We have encouraged the use of Generative AI tools.	Teachers
We have permitted the use of Generative AI tools.	Students
We have discouraged the use of Generative AI tools.	
We have prohibited the use of Generative AI tools.	
We have provided no guidance regarding the use of Generative AI tools.	

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

Accelerated Learning - support for students behind due to learning loss

AI or AI Literacy

Instructional Design - framework or model being used

Instructional Practices - to promote impactful virtual learning

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

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

CoSN conference   HECC conference

IN Learning Lab   ISTE conference

Peer technology sharing

Technology focused faculty meetings

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

-High Quality Instructional Design
-Student Engagement
-Science of Reading Implementation

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.

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.

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)

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?

N/A

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 and STEM implementation in schools.

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

Kindergarten	Yes
1st Grade	Yes
2nd Grade	Yes
3rd Grade	Yes
4th Grade	Yes
5th Grade	Yes
6th Grade	Yes
7th Grade	Yes
8th Grade	Yes

Where does CS instruction take place at the following grade levels?

	Required Specials, Rotation, or Standalone Class	Integrated Into Science	Integrated Into Other Content Area(s)	Other	Does Not Apply
Kindergarten	✓				
1st Grade	✓				
2nd Grade	✓				
3rd Grade	✓				
4th Grade	✓				
5th Grade	✓				
6th Grade			✓		
7th Grade			✓		
8th Grade			✓		

What is your primary CS implementation strategy at the following grade levels?

	Required Set of Lessons Across School / School Corporation	Building - Level Decision	Teacher - Level Decision	Other	Does Not Apply
Kindergarten	✓				
1st Grade	✓				
2nd Grade	✓				
3rd Grade	✓				
4th Grade	✓				
5th Grade	✓				
6th Grade		✓			
7th Grade		✓			
8th Grade		✓			

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:

Rhonda   Peterson
First Name Last Name

rpeterso@ccs.k12.in.us
Email

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

Will continue to grow a more robust curriculum in the middle school grade level span.

STEM

Indiana's [Integrated STEM Standards](#) outline what students should know and be able to do across the following five domains:

Communication and Collaboration - Students work cooperatively to plan investigations, analyze information, and share results or conclusions using various forms of communication (e.g., writing, speaking, listening, digital).

Data Analysis and Measurement - Students collect, process, and interpret qualitative and quantitative data to identify patterns, relationships, and insights. Students use mathematical and/or computational methods to analyze data sets and draw conclusions about phenomena or investigations.

Inquiry-Based Approaches and Problem Solving - Students think critically and collaborate to explore real-world problems by asking questions, gathering information, and analyzing data to develop creative solutions that are evidence-based and relevant for the context or situation.

Applications and Modeling - Students use computational, graphical, virtual, mathematical, and/or physical methods to create a representation of a real-world situation in order to describe systems, show relationships, represent data, and test solutions.

Information and Digital Literacy - Students identify information needs, locate relevant information, and evaluate the quality of the source. Students use evaluation strategies to determine the best digital tool(s) for the creation and management of information.

Which domain(s) of the integrated STEM standards do you need support/resources in implementing?

None

What are the primary STEM instructional approaches used in your school/school corporation in kindergarten - grade 12?

We utilize the Marzano instructional model for all instuctional approaches

How does your school/school corporation measure growth in critical thinking and problem-solving skills gained as a result of implementing the STEM instructional approaches you described in the previous question?

Administrators collect both quantitative and qualitative data through observations and walkthroughs through the lens of our instructional model and correlating tool, iObservation.

Please share the contact information for the individual who

coordinates the implementation of the Integrated STEM

Standards in your school/school corporation:

Rhonda   Peterson
First Name Last Name

rpeterso@ccs.k12.in.us
Email

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 2023-2024 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.

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?

30

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

20

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	Friday, April 19, 2024
Notification	Email sent. (Your 2024 Technology Plan submission has been approved!) ccloud@ccs.k12.in.us	Friday, April 19, 2024