INDIANA SCHOOL TECH PLAN **2021 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 district or charter school.
- 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 Meri Carnahan.

2021 Indiana Tech Plan Survey

School Corporation

South Vermillion Com Sch Corp 8020

District Technology Website URL   https://www.svcs.k12.in.us/

Operations

Personnel

Technology Lead Name   Jennifer Fossi

Technology Lead Email   jfossi@svcs.k12.in.us

Technology Lead Title

Technology Director

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

Interested

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/district   1

Approximate FTE integration coaches in school/district   0

Approximate FTE state reporting position(s) in school/district   0

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

	Salary Estimate
Tech Lead	n/a
Network Administrator	$65,000 - $69,999
Database Manager	n/a
Technician	n/a
Integration Coach	n/a

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

	Experience
Tech Lead	n/a
Network Administrator	0-5 years
Database Manager	n/a
Technician	n/a
Integration Coach	n/a

Are you outsourcing technology services?   No

Which of these statements best describes your school/district?   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?   Apple TV

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/district (Mbps)

500

Average utilization of internet bandwidth

80-89%

Current wide area network (WAN)

WAN: Fiber - All Sites

Additional WAN info:

Leased via Joink 1 Gb

District Wi-Fi access deployed

All Schools

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

Yes

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

Teacher Bring Your Own Device (BYOD)   Guests

Away from school access initiatives

Loan out mobile Wi-Fi hotspots

Partner with local businesses   Partner with library

Who is your mobile hotspot provider?

Verizon

In the last year, has your school/district 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 2020-2021 school year?

50

Primary financial operations platform:

Komputrol

Primary human resources platform:

Komputrol

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/district'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/district?

1650

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?

580

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

Make work available for offline access

Distribute physical learning materials

Devices

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

iPad

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

iPad

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

iPad

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

iPad

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

No

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

Ipad

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

Laptop/Computer with web cam

External web cam

Estimate the break rate percent for student devices:

7

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

We have a contract for repair services through a vendor. Students do not have to pay for the first incident of damage, but after the first, we charge a fee for additional breakage.

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

Students bring in their damaged devices and we issue a loaner.

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

Phone hotline

Do you offer an after hours help desk?

No

Do you utilize a student tech team for device repair?

Interested/Exploring

Platforms

District's primary (most used) LMS:

Canvas

District's second most used LMS:

None Identified

District's SIS:

Harmony

Is your SIS capable of storing digital equity data elements?

Yes

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, 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/district primary contact for digital learning the same as your district technology lead?	Yes
What percent of your school/district's curriculum is purchased or locally-created non-digital content?	30%
What percent of your school/district's curriculum is purchased digital content?	20%
What percent of your school/district's curriculum is digital content that is curated/created locally?	50%
What external providers do you work with for virtual courses?	Apex Learning Edmentum
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):	IXL Actively Learn
Mathematics digital curricular resources currently in use (check all in use):	IXL Savvas enVision
Other digital curricular resources currently in use (check all in use):	Code.org Khan Academy Pearson Realize PLTW
How is your school/district using virtual learning days?	COVID-related Inclement weather

Parent-Teacher Conferences

Does your school/district intend to utilize virtual learning days post-COVID?

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.

1. Student Internet access at home may be non-existent or unreliable. We offer hotspots on virtual learning days for those students. This does not impact our decision-making.

In situations where a student is absent from class, do they currently have the ability to synchronously access classes?

Yes

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/district's biggest successes over the past year with virtual and/or hybrid learning?

1. Since we have been a 1:1 district for 8 years, the transition to virtual learning was not difficult for our teachers.
2. We provided a focused full day of PD at the beginning of the COVID closure to support LMS usage and shared instructional strategies and digital resources.
3. Teachers were provided a multi-day PD opportunity at the beginning of this school year to develop lessons using an agreed-upon template.
4. Creation of Canvas coach positions in each building to support teachers and increased our ability to support dynamic LMS usage.

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

1. Increased damage to student devices
2. Students without Internet access
3. SEL concerns and lack of student engagement
4. Monitoring student attendance
5. Teachers overwhelmed with preparing lessons for students in the classroom and learning from home

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

Logging in during school hours or at the beginning of

class

Assignment completion/staying on track

Is your school/district planning to offer a fully virtual or hybrid option for the 2021-2022 school year?

Considering

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

Email

Communication App (ClassDojo, Remind, etc.)   SIS

Phone

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

Best practices for virtual learning

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

Teacher workshops will offer strategies to support best practices, which will be provided during the summer and ongoing opportunities during the school year with Canvas coaches and curriculum and technology departments.

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

1. Provided mobile hotpots for student Internet access
2. Mobile hotspots on school buses parked throughout the community
3. Teacher/student/parent surveys to evaluate effectiveness
4. Ongoing Professional Development

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

Local standards/methodology

What is your staffing approach for virtual students?

Edmentum for full-time virtual students

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

1. Teachers send emails
2. Teachers provide videoconferencing appointments (one on one, small group, and whole group)
3. Teachers make phone calls to check on students
4. Building principals make similar contacts
5. Teacher audio and video to explain lessons so students can see and hear them

Computer Science

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

Yes

Kindergarten - CS Implementation Strategy?

Required set of lessons across district

Kindergarten - Where does the majority of 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 district

Grade 1 - Where does the majority of 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 district

Grade 2 - Where does the majority of 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 district

Grade 3 - Where does the majority of 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 district

Grade 4 - Where does the majority of 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 district

Grade 5 - Where does the majority of 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 district

Grade 6 - Where does the majority of 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?

Required set of lessons across district

Grade 7 - Where does the majority of CS instruction take place?

Required 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?

Required set of lessons across district

Grade 8 - Where does the majority of CS instruction take place?

Required 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   Nextech   Project Lead The Way

Locally-created units/lessons

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

Code.org   Nextech   Project Lead The Way

Locally-created units/lessons

Are you interested in sharing your K-8 Computer Science plan with other districts?

Yes

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

1. Lack of teaching staff to fully implement a full-time elementary CS program
2. The first year of implementation of K12 CS was a bit challenging due to pandemic and ongoing virtual learning

Please provide any additional information you would like to share about your computer science implementation.

Our full K12 implementation began in August of 2020

Planning and Professional Development

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

1. Utilizing Zoom to host PD sessions and to connect with students who may be absent
2. Ongoing implementation of our K12 CS/STEM program
3. Canvas coaches in each building - would like to retain these positions to support teachers
4. Using the LMS for teacher-to-parent communication

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

Capital Projects Fund   Textbook Rental

Federal COVID Relief Funds

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

We are hoping to replace all of our student devices this summer. Due to the more than usual breakage this past year, we would like to replace devices a year early for all students K-12. We plan to replace with iPads again, but this time with a keyboard case.

South Vermillion typically is on a 4-year replacement cycle for 1 to 1 devices.

What criteria do you use for selecting new technology?

1. Teacher and student input
2. Device reliability - we have used iPads since 2008
3. Return on investment
4. Compatibility with district-adopted programs

How important is a touch screen in your device selection criteria?
5 / 5

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

Vendor supplied trainings

Internal instructional technology coach(es)

Technology focused faculty meetings

Peer technology sharing

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

1. Continue targeted PD on digital learning resources, such as Canvas
2. Develop a plan for providing more PD opportunities on instructional strategies and quality use of digital learning
3. Continue and expand opportunities for PD on computer science and STEM

Cybersecurity

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

How much money does your school/district have budgeted for cybersecurity?
Consistent funding, but not enough

How does your school/district budget for cybersecurity today?
None

Are you aware of the state's KnowBe4 program?
Yes, and we participate

Have you regularly conducted phishing simulations with your staff?
Planning for the 2021-2022 school year

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

Have not implemented yet but have access to KnowBe4

Does your school/district have cybersecurity insurance?

Yes

Does your school/district 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?

No

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

Internal penetration testing

External penetration testing   Phishing campaigns

Password procedures   Data security

Denial-of-service attacks   Ransomware attacks

What hardware/software do you use for:

	Current solution in use
Firewall	SonicWall
Web filtering	Securly
Intrusion prevention	SonicWall
Centralized logging	Unifi
Endpoint protection	Malwarebytes & Avast
User tracking	Securly
Network monitoring	Unifi
Mobile device management (MDM)	Filewave (moving to Securly MDM)
Single sign-on (SSO)	Clever

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

DOE communications, Reddit, HECC Listserv, MS-ISAC emails

Assistive Technology

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

No

Does your school/district'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?

No

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

.0012

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

0

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!