



Indiana Tech Plan 2020

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

School Corporation

South Vermillion Com Sch Corp 8020

District Technology Website URL

<https://svcs.k12.in.us>

District Logo Graphic URL

<https://drive.google.com/file/d/1-5ye1UDBL93cFDJUs0XXdVYZC3cPyb4c/view?usp=sharing>

Technology Personnel

Technology Lead

Jennifer Fossi

eMail

jfossi@svcs.k12.in.us

Title

Technology Director

What certifications have you obtained to support your work?

Apple Certified Teacher

Approximate FTE technician/support in district

1

Approximate FTE integration coaches in district

0

Approximate FTE state reporting position(s) in district

0

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

| | Salary Estimate |
|-----------|---------------------|
| Tech Lead | \$70,000 - \$74,999 |
| | |

| | |
|------------------------------|------------------------|
| | |
| | Salary Estimate |
| Network Administrator | \$60,000 - \$64,999 |
| Database Manager | |
| Technician | |
| Integration Coach | |

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

| | |
|------------------------------|-------------------|
| | Experience |
| Tech Lead | 21-25 years |
| Network Administrator | 0-5 years |
| Database Manager | |
| Technician | |
| Integration Coach | |

Technology Integration

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

SV strives to make teaching and learning engaging, hands-on, equitable, transferable, experiential, meaningful, continuous, connected, student-centered, and based on problem-solving. We are currently investigating ways to expand our tech resources and infrastructure to accommodate Project Lead The Way programs in K12.

% of content that is physical textbooks

30%

% of content that is purchased digital content

50%

% that is digital content curated/created by teachers

20%

Has your district promoted Open Educational Resources (OER)?

Yes

Does your district offer organized eSports opportunities?

No but we are interested

Infrastructure

What do you use for your primary classroom display?

Espon Projector, Apple TV, speaker system

Total internet access capacity for the district (Mbps)

500

Average utilization of this capacity

40-49%

Current wide area network (WAN)

WAN: Fiber - All Sites

Additional WAN info:

Joink leased fiber 1gb

District Wi-Fi access deployed

All Schools

Wi-Fi access allowed for:

School devices

Teacher BYOD

Guests

Away from school access initiatives

Partner with local businesses

Partner with library

Future plans for network improvement

Future upgrade of network switch infrastructure to support the latest Wi-Fi standard of 802.1ax followed by the upgrade of Wi-Fi hardware to provide 802.1ax coverage.

Platforms

District's primary LMS

Canvas

District's SIS

Harmony

PRIMARY collaboration & productivity platform

Google Apps for Education (G Suite)

Blended and Virtual Learning

What external providers do you work with for virtual courses?

Apex Learning

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

1-5%

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

ABCmouse

IXL

RazKids

OER

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

IXL

Pearson MathXL

Imagine Learning

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

Code.org

Khan Academy

Pearson Realize

PLTW

Is your district using eLearning days?

Yes, on days that would have been canceled (eLearning day happens on day of cancellation)

Yes, on regular days for professional development

COVID Closure

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

We ask for feedback after every eLearning day from administrators, teachers, parents, and students. We maintain communication with families by offering tech support, and their feedback helps us make necessary improvements.

Cybersecurity

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

Several times a month

How much money does your district have budgeted for cybersecurity?

Consistent funding, but not enough

How does your district budget for cybersecurity today?

Operations budget (annual allotment)

Grants

Have you conducted a phishing security test?

No

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

Risk analysis

Internal penetration testing

External penetration testing

Phishing campaigns

Data security

Denial-of-service attacks

Ransomware attacks

What hardware/software do you use for:

| | Current solution in use |
|--------------------------------|--|
| Firewall | SonicWall NSA 5600 |
| Web filtering | Securly |
| Intrusion prevention | SonicWall |
| Centralized logging | SonicWall |
| Endpoint protection | Avast Business & Malwarebytes |
| User tracking | Securly |
| Network monitoring | SonicWall, Windows Admin Center, Samsun Wi-Fi Controller |
| Mobile device management (MDM) | Filewave |
| Single sign-on (SSO) | Clever |

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

HECC Listserv, Indiana Department of Education
Microsoft, MS-ISAC, SonicWall NSA.gov

Professional Development

Technology training

Vendor supplied trainings

Technology focused faculty meetings

Peer technology sharing

Teachers encouraged to attend IDOE summer conferences

State or national technology-related conferences

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

Our district is currently working on our multi-year strategic plan to implement STEM and computer science standards K-12. District leaders and teachers have participated in site visits, attended conferences, and have written and obtained grants from various funding sources.

1:1 Status

District 1:1 status

1:1 at all grade levels

1:1 grade levels

K

1

2

3

4

5

6

7

8

9

10

11

12

Total number of student devices in use in your district

1670

At what level do students begin to take devices home?

4

Devices

Grades K-2

iPad

Grades 3-5

iPad

Grades 6-8

iPad

Grades 9-12

iPad

Current device notes

Looking to evaluate devices in the future that will be compatible with PLTW

Estimate the break rate (%) for student devices:

7

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

We have a contract with AGI Repair to handle the repair of devices. We anticipate an increase in damage expenses, replacing chargers and cases due to the extended school closure.

Are devices filtered away from school?

Yes - same as school

Planning

1:1 funding streams

Capital Projects Fund

Textbook Rental

Future plans and schedule for replacing current devices

Our devices are on year 2 of a 4-year lease plan. During the 2020-21 school year, we will begin to assess the status of our current devices to decide if any changes are necessary.

Criteria for selecting new technology

Student and teacher responses to surveys

Durability

Length of Life

Cost

Meets the educational needs for instruction & learning

Compatibility of educational programs

