

Executive Limitation 15: Technology

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Implementing new allocation plan.

What we heard from students and staff:

Increasing Opportunity

- Increased & equitable access
- Training, consultation, and coaching to increase integration
- Increased ability to integrate technology in teaching

Ongoing Support

- Wi-Fi connectivity (drops)
- Use of personal devices
(changed guidance, secure access)
- Hardware issues vs. User issues

Sample Survey Data:

In a student survey: In the past two weeks, how many times was your learning disrupted because of an issue with your laptop that could not be resolved in 5-10 minutes? (over 6000 respondents 6th-12th)

- 62% None / Never
- 28% 1-2 times
- 5% 3-5 times
- 5% most days happens at least once per day

Monitoring Plan

How did we monitor implementation and reliability?

- Technical monitoring and independent network audit
- Tech support requests
- Engagement with students, teachers and administrators:
 - Surveys
 - Site visits & direct observation
 - Discussions with staff & students



Actions resulting from monitoring

1. Hardware support
*Increase student access to charging and printing. IT & Helpdesk reinforced. **Standard is that every student accesses a functioning laptop.***
2. Expedited replacement of one older model laptop
Replace a model with a higher failure rate causing access or boot-up issues.
3. Independent network audit
The network was found to be functioning at a high level. Recommended optimization was implemented.



Actions resulting from monitoring

4. Enhanced allocation for elementary programs
Intervention spaces, libraries and K-2 classrooms received additional laptops to address educational needs.
5. Guidance to address required updates during instructional time
Deferred updates were a primary source of initial performance issues. By encouraging updates and reboots outside of instruction time, disruptions were minimized.
6. Shift in guidance at high schools regarding personal laptops
Allowed students to use their personal laptop in addition to their school laptop. Teachers may require use of district laptop as needed.
7. Pilot of Securly Home
Allows guardians to monitor and limit internet usage at home on district laptops

Continued Monitoring in 2023-24

- **Surveys**
 - Continue student & staff surveys
- **Direct Observation & Engagement**
 - Broad range of students and staff, including during instruction
 - Staff training feedback
- **Systems Monitoring**
 - ISD work order tracking
 - ISD Ed Tech e-mail / Canvas help lines
 - Network metrics
- **Advisory Committee**



Essential Questions for Secondary 1:1 Monitoring for 2023-24

Education Use: *In how many classes...*

- Has the implementation of technology resulted in more choice in ways you access content / information OR in ways you show your learning?
- Has the technology helped you organize your work and/or helped me monitor my progress / grade?
- Has the technology made 2-way communication with your teacher easier or more effective and/or helped me receive effective feedback from my teacher?

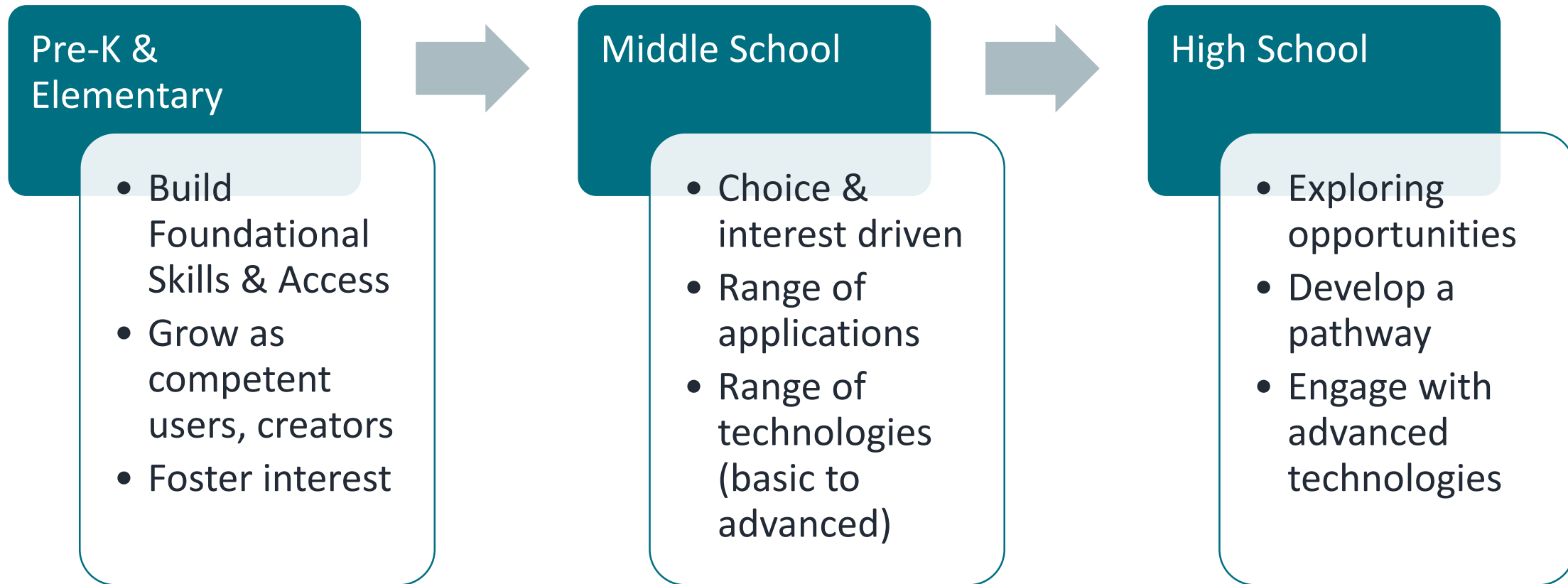
(Also use the 6 expectations for teachers to guide monitoring and engagement with students)

Essential Questions for Secondary 1:1 Monitoring for 2023-24

Reliable Technology (Access Goal):

- Are student laptops properly functioning as expected?
- Do students know how to get technical support if they experience wi-fi and/or hardware issues?
- Do users know regular actions they can take to maintain functioning hardware and do basic troubleshooting?

Approach to advanced technologically rigorous courses



Next Steps

- **NEW! Tech Advisory Committee**, in conjunction with the Pathway Advisory Committee (CTE)
- **Strategic Planning:** Academic Opportunities priority, Pathways strategy
- **Year 2 of Professional Development** series, coaching and consultation
- **Strategic partners**
- **Emerging technologies**
 - Integration and course development
 - Example: AI – Learning, Boundaries, Opportunities