

Meeting Reminders

- **5:00 start time for those in need of technical support.**
- **Miro works best using Chrome or Microsoft Edge browsers (as opposed to Firefox or others).**
- **Please use the Miro link sent to your email to collaborate.**
- **In addition to the Zoom chat, feel free to add notes to the parking lot frame.**

Next
Meeting
April 27

A blurred background image of a student with long dark hair, wearing a white shirt, sitting at a desk and working on a laptop. Other students and classroom equipment are visible in the background.

Welcome

2022

**Technology Advisory Committee
Meeting 03**

TAC Meeting 03 - AGENDA

1 Group Norms

2 Student Story

3 Synthesis

4 Ed Tech Next

5 Breakout

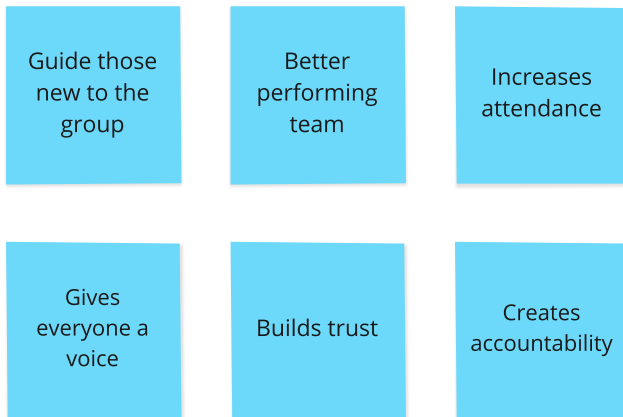
6 Obligations

7 Closing

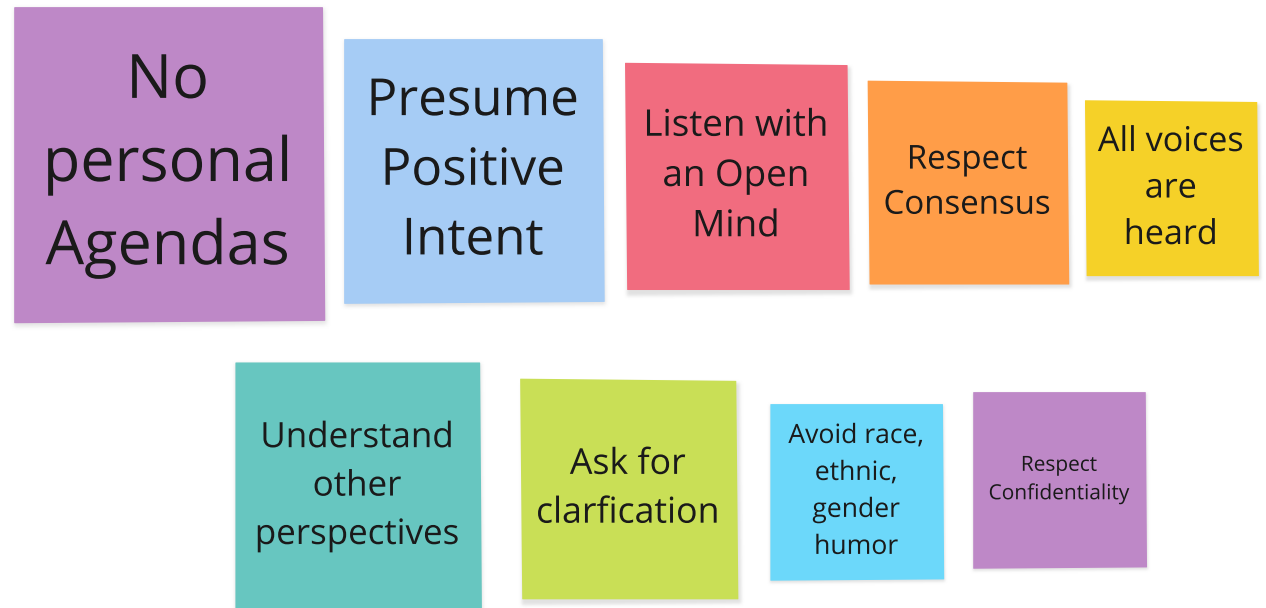
Group "Norms"

Group norms are a set of agreements about how we work with each other and how the group will work overall. These agreed-upon behaviors allow the team to perform through healthy debate and clarity of purpose and roles.

Why is this important?



Your Top Nine (per the Pre-Meeting Survey)



Student Story

Juliette Park

Hello! My
name is
Juliette and I'm
a junior at
North Creek!

Current VP and
incoming president
of NC Key Club.

Also the Community
Service Chair for
HOSA

What have you
learn recently?

Recently, I've
gotten into
gouache
paints!

What was the first
advancement in
technology you
remember?

I didn't pay much
attention in my
childhood but AI
is the biggest
advancement I
remember.

How long can you
stay on Zoom?

I can go pretty
long but
3 hours would
be my cap :)



Parking Lot Responses

How did the district decide Schoology is a better fit than Google Classroom?

Response

How was the 2018 levy plan impacted by COVID/remote schooling? Were things cut that move forward to next levy?

Response

How does TAC cover licensing of services like Zoom?

Response

For future sessions, can we get 'pre-read' materials to prep for the discussions?

Response

Other?

You can use the new Parking Lot or chat for questions.

Are there national resources, roadmaps?

Response

How would the implementation of cameras in the classroom impact students who choose not to be recorded?

Response

What is the credit ratings of the Bonds that have been sold in the past ?

Response

Is there a discussion forum for this committee?

Response



Digital Citizen

Explanation

Cultural Competency

Explanation

What is 1:1?

Explanation

Equitable Access to Personalized & Culturally Responsive Teaching & Learning

Hardware/ Software	Reliable internet connections - wifi routers / devices	Internet connection for each and every student	How do we move beyond hotspots?
Pen / Tablet / shared whiteboard	District wide wireless infrastructure	Consistent devices for students	Covid detection system at each school to include thermal cameras
IEP specific software & hardware	1:1 devices assigned to all students	True 1:1 devices One device for each student	Seek true 1:1 for ALL
Consistent connection for students	Bring your own device (BYOD) program	Consistent device platform for take-home model	Monitor teacher for group video conferencing
SSO for all (without exceptions) systems for staff and students			Make it obvious and transparent to all students
Equity	Equitable learning for all students. It's not just the device.	What comes after beyond hotspots for equitable connectivity?	Apprentice Accessibility, committee for ongoing equity analysis
	differentiated curriculum via digital training and curriculum (iReady, Kuhn, etc)	Common Platform for Accessing Educational Resources	Update device as per the requirement
	Access teacher hour/ daily lessons, 1:1 data students and bandwidth	Less being recorded that student could learn the content async	Lesson with large touch screen monitors. Allow for remote and in person learning models
	Real time support between teachers & students	Class recordings, easy access to tutors, collaboration	Automatic translation services
	360 cameras (like PTZ, but works in VR)	Develop screen- free tech instructions to teach students technology	

Other

Create a repository of "best practices" for differentiating access technology

Appoint a governing body that represents specific regions, to regularly do the curriculum review

Depending on the resources available to regions, they can support their own education

Results-Focused Professional Learning & Supports for Staff

Hardware/ Software	LMS	LMS for staff to track Learning needs and assignments	Comm Tools	Classroom recordings so that students can go over at their own pace	Consistency Accountability	Teacher consistency with professional development	Classroom experiences can vary so why from one "type" to the next
Facebook like platform	Teacher with education background can provide support and advice to new teachers in the same field	Teacher training and support via LMS	Cameras that follow teachers	Classroom recordings so that students can go over at their own pace	Tech standards and accountability for staff (certification and exp)		
Training & Support	Specialized trainers for students/ e.g. for Schoology	Training for Staff and Students on use of course tools/schoology	More tech training	Opportunity for teachers to request new technology for experimentation and evaluation	Allocating time for teacher training to ensure they don't have to use their teaching bandwidth to learn the tool	Provide teachers and staff with ways to enhance curriculum via technological means	Training / feedback hub for teachers & parents
resources for teachers to manage hybrid scenarios	Provide training to teach and address on-site differentiation tools, learning technologies in education sector	Teacher consistency with professional development	Teachers need Zoom audio transcript training	Engagement and training with short, and addresses with ways to support teachers and classroom activities	Teacher consistency with professional development	Training for Staff and Students on use of District tools/schoology	resources for teachers to manage hybrid scenarios
Doubling down on professional development	group of tech maintenance staff/parent group to help around tech	Have more teacher support or tech assistance needed to ensure that technology is used effectively	More robust technology resources for parents who need terminology the students and the teachers	STs overwhelmed and more staff need support as tech grows	Provide training to teachers and address on-site differentiation tools, learning technologies in education sector	Offline based training for staff, i.e. playwright	Zoom training for security (prevent zoom-bombing)
Other	We need both on-site and off-site support	We need both on-site and off-site support	We need both on-site and off-site support	We need both on-site and off-site support	We need both on-site and off-site support	We need both on-site and off-site support	We need both on-site and off-site support

Safe Climate & Strong Relationships with Families & Community

Hardware/ Software	Continued use of LMS, like Schoology	Ability for monitoring students progress	Ability to know which areas students need to work on.	Equity	How do we make sure students with special needs are included	Comm tools	Centralized communication: Check for communication in one location	Family communication tool for parent, teacher and students.	Safety	teaching students how to stay safe online	Filtering on Home Routers	Filtering on Devices
Ability to know which areas students need to work on.	Creating system around to understand how students are doing, not just to know if they are doing well	Ability to see student on-line assignments identified to ensure grade/progress to help students	Read receipts or confirmation people are seeing things									
A new school-wide system for tracking school work, I feel that grade/progress is a better system. The biggest problem with technology in the grade is that a poor grade with technology, not just getting to the point	LMS has made so many resources available - don't want to lose that after release	Communication system for students, teachers, parents, and administrators	Communication system for students, teachers, parents, and administrators									
Training & Support	Continued support for family/independent tech support lines/staff	Teacher tech training, not just for parents	Teacher tech training, not just for parents									
Coaching for parents on how to manage school devices with "tech savvy" kids	Guide book and/or district for parents on how to manage school devices with "tech savvy" kids	Training for teachers and parents on how to manage school devices with "tech savvy" kids	Training for teachers and parents on how to manage school devices with "tech savvy" kids									
Other	We need both on-site and off-site support	We need both on-site and off-site support	We need both on-site and off-site support									

Data-Informed, Needs-Based Resource Allocation

Hardware/ Software	Data systems for Position Control	LMS	Equity	Same resources for everyone	How do we make sure students with special needs are included	Comm tools	Feedback from community members to track technology satisfaction	Student Alignment	Provide more advanced access to course to students who are doing well	The right tool for the right person. Not simply one device for each student
IT / system status alerts	Learning system directly plug/in/out to monitor how systems are used and available for usability issues	NOI Connected device bandwidth checks - understanding when network bandwidth is slowing								
Measure bandwidth solutions for streaming content capabilities	SSO for login in for all resources	Use platforms that are compatible with different devices.								
Training & Support	Project: This support is for students who are struggling with technology	Project: This support is for students who are struggling with technology								
Other	We need both on-site and off-site support	We need both on-site and off-site support								

Ed Tech Next - Summary

Learning Analytics and Adaptive Technologies

Criteria for Tools and Systems

5 Lessons for Implementation

Learning Analytics

Adaptive Technologies

Privacy and Security

Stakeholder Buy-in

Adaptive Assessment

Digital Equity

Common Language and Vision

Intelligent Tutoring Systems

Professional Learning

Communication with Families

Ongoing Cycles of Improvement

A background image of a student with long dark hair, wearing a white shirt, sitting at a desk and typing on a laptop. The laptop screen shows a document with text. In the background, other students are visible at their desks, and the classroom environment is slightly blurred.

Break Out!

Think. Pair. Share.

Threading the Needle

If we agree that
this goal is worth
of systemic
support:

Students learning
anywhere and
anytime

...and we
determine that
to get there
we need:

A consistent device for
every student when and
where they need it

Training and support for
Parents and Guardians

Robust network access for
all regardless of location

Robust, consistent, and job
embedded professional
learning

Then the big ideas
are:

Funding for 1:1 devices for take-home to EVERY student, grades X-12.

Funding for expanded network access, including community hubs and hotspots.

Funding for Professional Learning for staff and training resources for parents/students in
technical skills and digital citizenship and healthy tech habits.

Step 3: Discuss and create top 10 BIG ideas for large group review

15
minutes

**BIG
IDEAS**

#1: Your BIG idea goes here...

#2:

#3:

#4:

#5:

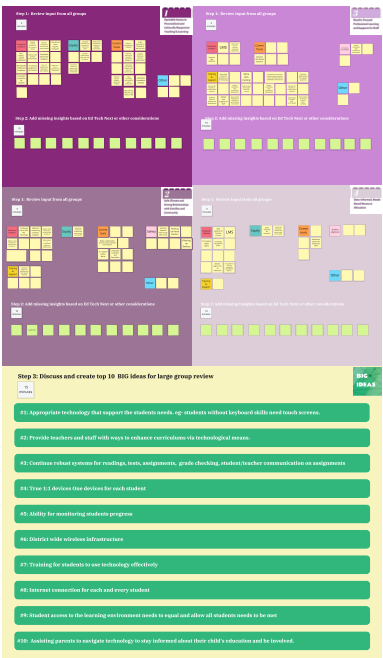
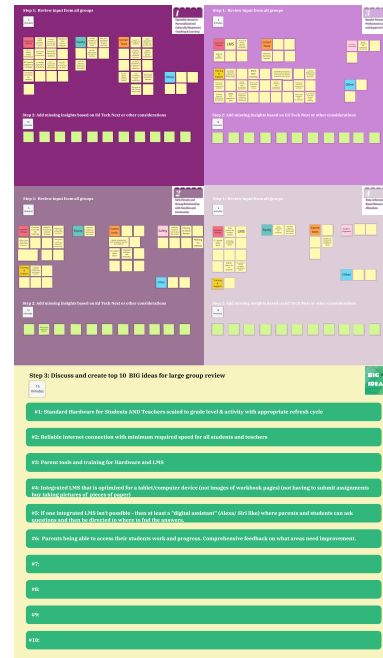
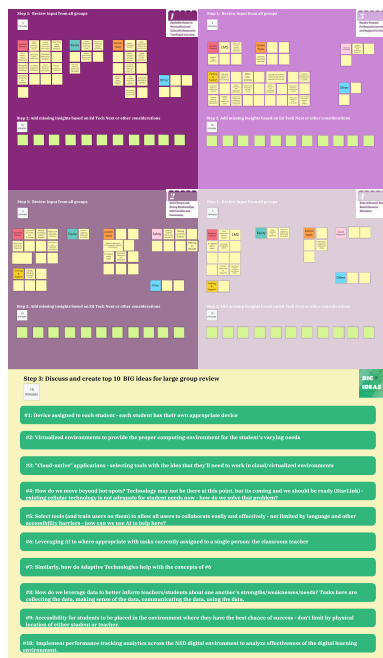
#6:

#7:

#8:

#9:

#10:





Q&A

[Find these proposals here.](#)

Obligations

Levy Support Staff

**Administrative
Computing**

**Professional
Development**

**Software
Maintenance**

**Operational
Systems**

**Instructional
Technology**



Thank you!

The next meeting is:

Tuesday, April 27, 5:30-7:30 p.m.

Summaries of today's meeting will be sent to each of you and posted to the website along with meeting minutes.

If you have any questions about the Miro tools we discussed today, please contact:

Ashley McClaran amcclaran@oacsvcs.com

and

Krista Lutz klutz@oacsvcs.com

Step 1: Review input from all groups

5 minutes



Step 2: Add missing insights based on Ed Tech Next or other considerations

10 minutes

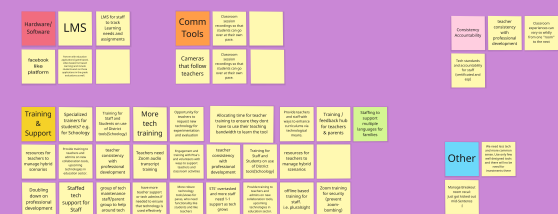


1

Equitable Access to Personalized and Culturally Responsive Teaching & Learning

Step 1: Review input from all groups

5 minutes



Step 2: Add missing insights based on Ed Tech Next or other considerations

10 minutes

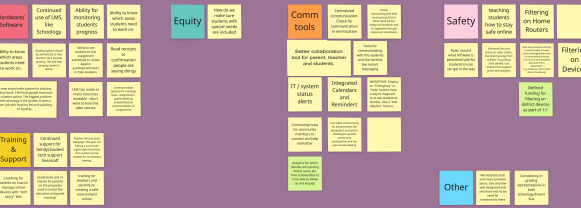


3

Results-Focused Professional Learning and Supports for Staff

Step 1: Review input from all groups

5 minutes



Step 2: Add missing insights based on Ed Tech Next or other considerations

10 minutes

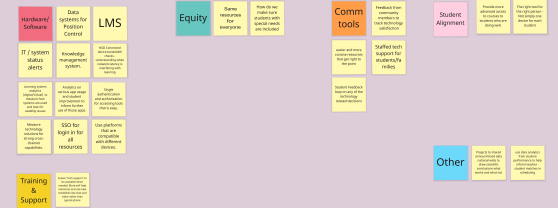


2

Safe Climate and Strong Relationships with Families and Community

Step 1: Review input from all groups

5 minutes



Step 2: Add missing insights based on Ed Tech Next or other considerations

10 minutes



1

Data-Informed, Needs-Based Resource Allocation

Step 3: Discuss and create top 10 BIG ideas for large group review

15 minutes

BIG IDEAS

#1: LMS - Continued support for and use of Schoology

#2: Technical support and resources for teachers/parents/families - increased staffing if necessary

#3: Increases in network connectivity opportunities for students and families

#4: Addressing network availability gaps for students and families

#5: Device access that meets the instructional need/requirement

#6: Language access -- translations, support on Help Desk, etc.

#7: Professional development for teaching staff

#8: Focused outreach for supports for our most vulnerable students

#9: Adoption of and support/training for a data dashboard regarding instructional impacts

#10: Providing for safe access to district technology and the internet

2

Results-Focused Professional Learning and Supports for Staff



4 Data-Informed, Needs-Based Resource Allocation

Allocation



**BIG
IDEAS**

IDEAS

#10: Implement performance tracking analytics across the NSD digital environment to analyze effectiveness of the digital learning environment.

2

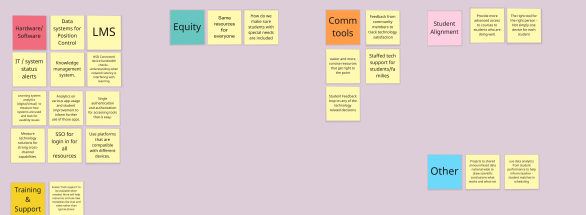
Results-Focused Professional Learning and Supports for Staff

10
minut

Age Group	Percentage
18-24	10%
25-34	15%
35-44	20%
45-54	25%
55-64	30%
65-74	35%
75-84	40%
85+	45%

Data-Informed, Need-Based Resource Allocation

Allocation

10
minut

**BIG
IDEAS**

IDEAS

#10:

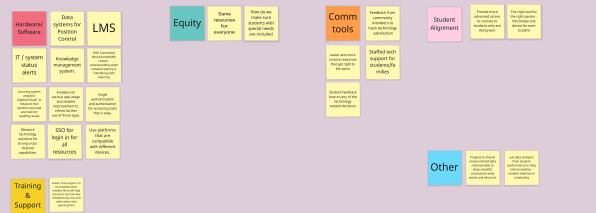
2

Results-Focused Professional Learning and Supports for Staff

10
minute

Data-Informed, Needs-Based Resource Allocation

Allocation

10
minute

**BIG
IDEAS**

#7:

#8:

#9:

#10:

Step 1: Review input from all groups

5 minutes

1

Equitable Access to Personalized and Culturally Responsive Teaching & Learning

2

Safe Climate and Strong Relationships with Families and Community

Hardware/Software

- Hardware/Software: Review current hardware and software, identify gaps, and plan for future needs.
- Equity: Ensure all students have access to technology and resources.
- Comm Tools: Use communication tools to engage families and the community.
- Other: Address other concerns or ideas raised by the group.

Step 2: Add missing insights based on Ed Tech Next or other considerations

10 minutes

Step 1: Review input from all groups

5 minutes

3

Results-Focused Professional Learning and Supports for Staff

Hardware/Software

- Hardware/Software: Review current hardware and software, identify gaps, and plan for future needs.
- LMS: Use Learning Management Systems to track student progress and provide personalized learning.
- Comm Tools: Use communication tools to engage families and the community.
- Training & Support: Provide professional learning and supports for staff.
- Other: Address other concerns or ideas raised by the group.

Step 2: Add missing insights based on Ed Tech Next or other considerations

10 minutes

Step 1: Review input from all groups

5 minutes

2

Safe Climate and Strong Relationships with Families and Community

Hardware/Software

- Hardware/Software: Review current hardware and software, identify gaps, and plan for future needs.
- Equity: Ensure all students have access to technology and resources.
- Comm Tools: Use communication tools to engage families and the community.
- Safety: Address safety concerns and create a safe climate for all students.
- Other: Address other concerns or ideas raised by the group.

Step 2: Add missing insights based on Ed Tech Next or other considerations

10 minutes

Step 1: Review input from all groups

5 minutes

1

Data-Informed, Needs-Based Resource Allocation

Hardware/Software

- Hardware/Software: Review current hardware and software, identify gaps, and plan for future needs.
- LMS: Use Learning Management Systems to track student progress and provide personalized learning.
- Equity: Ensure all students have access to technology and resources.
- Comm tools: Use communication tools to engage families and the community.
- Student Alignment: Align resources with student needs and interests.
- Other: Address other concerns or ideas raised by the group.

Step 2: Add missing insights based on Ed Tech Next or other considerations

10 minutes

Step 3: Discuss and create top 10 BIG ideas for large group review

15 minutes

BIG IDEAS

- #1: True 1:1 devices + ensuring each student has the tools needed to learn effectively
- #2: Support instructional technology training for teachers.
- #3: Student Safety
- #4: Support for Families - Continued tech family help line - make the UX easier
- #5: Reliable Internet Access for each family
- #6: Investing in district wide resources that reimagine the curriculum in an online environment (Soundtrap for music)
- #7: Remove language barriers and retaining language tools developed in remote learning
- #8: Continued support and development for Learning Management System(s)
- #9:
- #10:

5 minutes

Expanding the network of students in the field can complement the education.

5 minutes

Other

Also need to ask and respond to questions about why the author/poet needs and there without reading the poem/essay

10 minutes

minute

5
minutes

Gender equity in grading representations in Israeli Schools (Pavoni & Yot

5
minutes

10
minutes10
minutes

15

[illegible]

#10: Assisting parents to navigate technology to stay informed about their child's education and be involved.

Step 1: Review input from all groups

5 minutes

1

Equitable Access to Personalized and Culturally Responsive Teaching & Learning

Hardware Software

How do we ensure equitable access to devices and internet?

How do we ensure equitable access to devices and internet?

How do we ensure equitable access to devices and internet?

Equity

How do we ensure equitable access to devices and internet?

Comm Tools

How do we ensure equitable access to devices and internet?

Other

Step 2: Add missing insights based on Ed Tech Next or other considerations

10 minutes

Step 1: Review input from all groups

5 minutes

3

Results-Focused Professional Learning and Supports for Staff

Hardware Software

How do we ensure equitable access to devices and internet?

How do we ensure equitable access to devices and internet?

How do we ensure equitable access to devices and internet?

Equity

How do we ensure equitable access to devices and internet?

Comm Tools

How do we ensure equitable access to devices and internet?

Other

Step 2: Add missing insights based on Ed Tech Next or other considerations

10 minutes

Step 1: Review input from all groups

5 minutes

2

Safe Climate and Strong Relationships with Families and Community

Hardware Software

How do we ensure equitable access to devices and internet?

How do we ensure equitable access to devices and internet?

How do we ensure equitable access to devices and internet?

Equity

How do we ensure equitable access to devices and internet?

Comm Tools

How do we ensure equitable access to devices and internet?

Other

Step 2: Add missing insights based on Ed Tech Next or other considerations

10 minutes

Step 1: Review input from all groups

5 minutes

4

Data-Informed, Needs-Based Resource Allocation

Hardware Software

How do we ensure equitable access to devices and internet?

How do we ensure equitable access to devices and internet?

How do we ensure equitable access to devices and internet?

Equity

How do we ensure equitable access to devices and internet?

Comm Tools

How do we ensure equitable access to devices and internet?

Other

Step 2: Add missing insights based on Ed Tech Next or other considerations

10 minutes

Step 3: Discuss and create top 10 BIG ideas for large group review

15 minutes

BIG IDEAS

#1: 1:1 Devices

#2: Hotspots/quality of connections

#3: Consistent training for staff

#4: Well utilized LMS

#5: High quality classroom AV system

#6: Staffing of IT support

#7: Curate recordings and create repository of learning for students, staff, parents

#8: SSO/consistent platform

#9: Improve progress tracking and standardize assignment workflow

#10:

5 minutes

[illegible]

10 minutes

Age Group	Percentage
18-24	10%
25-34	15%
35-44	20%
45-54	25%
55-64	30%
65-74	35%
75-84	40%
85+	45%

5 minutes

[illegible]

Initiates

5 minutes

[illegible]

minutes

5 minutes

[illegible]

minutes

15 minutes



**BIG
IDEAS**

#1: Your BIG idea goes here...

#2:

#3:

#4:

#5:

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#7:

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#9:

#10: