North Boone Technology Plan

The Mission of the North Boone educational community is to provide a safe and all-inclusive learning environment that prepares confident students to be resilient for a future that is ever-changing.

Purpose

The purpose of the North Boone Technology Plan is to outline the district's plan process for technology planning, implementation, and monitoring. This is a living document, and as such, it is expected to be refined periodically to reflect changes from outside factors.

Strategic Plan

The North Boone Technology Plan supports the following Goals and Strategies from the District's Strategic Plan.
Goal 2: Learning Conditions
Strategy 4: Provide rigorous, engaging, and equitable learning experiences for all students.

Timeline

The technology plan will be put into effect over a 5-year period going through the phases of planning, implementation, and monitoring/reviewing technology goals and outcomes.

Timeline			
Year 1	Planning	Implementation	M&R
Year 2	Planning	Implementation	Monitoring & Reviewing
Year 3	Implementation		Monitoring & Reviewing
Year 4	Implementation	Monitoring & Reviewing	
Year 5	Implementation	Monitoring & Reviewing	

Devices will also be reviewed and refreshed based on a 5-year cycle. The link for this cycle is included in the Appendix.

Year 1

Planning:
- North Boone Administration determines implementation timeline and benchmarks.
- Training from the Learning Technology Center of Illinois
  - May 2020: Grades 3-4 and 9-12
  - August and October 2020: Grades K-12
  - Topics: SAMR model, Google Classroom, Kami, Flip Grid, Adobe Spark
  - Additional topics will be added based on teacher feedback
- Technology Coaching from the Learning Technology Center of Illinois

- - Coach: Amy Graham
    - Each school will have 3 personalized coaching days throughout the year
  - Administration provides overview presentation for all schools

<u>Implementation:</u>
- Grades 3-12 will participate in 1:1 implementation
- Implementation Goals:
  - *Grades 3-4*: By end of school year, should be able to do all level 1 items in LMS. Substitution Level of SAMR and trying items in the Augmentation Level.
  - *Grades 5-8*: By end of school year, should be able to do all level 1 & 2 items in LMS. Augmentation Level of SAMR and trying items in the Modification Level.
  - *Grades 9-12*: By end of school year, should be able to do all level 1 items in LMS. Substitution Level of SAMR and trying items in the Augmentation Level.

<u>Monitoring & Reviewing:</u>
- Administration will work with ECRA, our data partner, to correlate achievement data to specific Apps and Software. See the Appendix for the Apps/Software to Monitor document.
- All staff will complete a Google Survey to support PD needs.
- Administration will review data from our LTC Tech Coach in order to support PD needs and next steps for implementation.

Year 2

<u>Planning:</u>
- Fall: Create and convene Technology Instruction Committee of teachers, administrators and students
  - 1st semester: LMS review and recommendation
    - The Technology Instruction Committee determined that an LMS review is not needed at this time. We will continue to use Google Classroom and Schoology.
  - 2nd semester: Host focus groups for teachers and students
    - The Technology Instruction Committee determined that surveys would work better than focus groups at this time. During the 21-22 school year, we gave a survey to teachers and to students (grades 6-12). The data from teachers was used to hold mini-tech sessions on the April Institute Day. The student survey was given at the end of the year and will be reviewed next school year.
- Administration: Review implementation data and feedback from Year 1 and make adjustments to the plan

Implementation:
- Grades K-12 will participate in 1:1 implementation
- Implementation Goals:
  - *Grades K-2:* By end of school year, should be able to do all level 1 items in LMS. Substitution Level of SAMR and trying items in the Augmentation Level.
  - *Grades 3-4:* By end of school year, should be able to do all level 1 & 2 items in LMS. Augmentation Level of SAMR and trying items in the Modification Level.
  - *Grades 5-8:* By end of school year, should be able to do all level 1, 2, & 3 items in LMS. Should be living between Augmentation and Modification levels of SAMR and trying one item in Redefinition.
  - *Grades 9-12:* By end of school year, should be able to do all level 1 & 2 items in LMS. Augmentation Level of SAMR and trying items in the Modification Level.
- Support: Host after school support sessions for teachers at various grade levels and on various topics.
- Technology Coaching from the Learning Technology Center of Illinois
  - Each school will have 4 personalized coaching days for a 8-9 week coaching cycle

Monitoring & Reviewing:
- Begin collecting data for the Apps/Software to Monitor.
  - Provide data to ECRA.
  - Administration reviews correlations and uses data to make purchasing decisions.

Year 3

Implementation:
- Grades K-12 will participate in 1:1 implementation
- Implementation Goals:
  - *Grades K-2:* By end of school year, should be able to do all level 1 & 2 items in LMS. Augmentation Level of SAMR and trying items in the Modification Level.
  - *Grades 3-4:* By end of school year, should be able to do all level 1, 2, & 3 items in LMS. Should be living between Augmentation and Modification levels of SAMR and trying one item in Redefinition.
  - *Grades 5-8:* By end of school year, should be able to do all Level 1, 2, 3, & 4 items in LMS. Modification Level of SAMR and visiting the Redefinition level several times during the year.
  - *Grades 9-12:* By end of school year, should be able to do all level 1, 2, & 3 items in LMS. Should be living between Augmentation and Modification levels of SAMR and trying one item in Redefinition.
- Support: Host after school support sessions for teachers at various grade levels and on various topics.
- The Technology Committee will sequence K-12 technology skills for classroom use.

- Our district instructional coaches will receive tech coaching and training from the LTC of IL. This will help our coaches in supporting teachers in the implementation of technology through coaching cycles.

Monitoring & Reviewing:
- Collect SAMR self-evaluations from all teachers once during the year for Technology Instruction Committee review.
- Class rounds/visits by a team of administrators to gather implementation data.
- Review correlations between software/app usage and achievement data to inform purchasing decisions for next school year.

Year 4

Implementation:
- Grades K-12 will participate in 1:1 implementation
- Implementation Goals:
  - *Grades K-2:* By end of school year, should be able to do all level 1, 2, & 3 items in LMS. Should be living between Augmentation and Modification levels of SAMR and trying one item in Redefinition.
  - *Grades 3-4*: By end of school year, should be able to do all Level 1, 2, 3, & 4 items in LMS. Modification Level of SAMR and visiting the Redefinition level several times during the year.
  - *Grades 5-8*: Full implementation of LMS and SAMR levels
  - *Grades 9-12*: By end of school year, should be able to do all Level 1, 2, 3, & 4 items in LMS. Modification Level of SAMR and visiting the Redefinition level several times during the year.

Monitoring & Reviewing:
- Collect SAMR self-evaluations from all teachers two times during the year for building level review.
- Class rounds/visits by a team of administrators to gather implementation data.
- Review correlations between software/app usage and achievement data to inform purchasing decisions for next school year.

Year 5

Implementation:
- Grades K-12 will participate in 1:1 implementation
- Implementation Goals:
  - *Grades K-2:* By end of school year, should be able to do all Level 1, 2, 3, & 4 items in LMS. Modification Level of SAMR and visiting the Redefinition level several times during the year.

- *Grades 3-4*: Full implementation of LMS and SAMR levels
- *Grades 5-8*: Full implementation of LMS and SAMR levels
- *Grades 9-12*: Full implementation of LMS and SAMR levels

<u>Monitoring & Reviewing:</u>
- Collect SAMR self-evaluations from all teachers three times during the year for building level review.
- Class rounds/visits by a team of administrators to gather implementation data.
- Review correlations between software/app usage and achievement data to inform purchasing decisions for next school year.

<u>**Appendix**</u>

Implementation Links:
[Technology Implementation Plan Spreadsheet](#)
[SAMR Levels](#)
[LMS Levels](#)

Monitoring and Reviewing Links:
[Apps/Software to Monitor](#)
[SAMR Self-Evaluation Tool](#)

Device Links:
[1:1 Device Life Cycle](#)

Technology Instruction Committee Links:
[Roles and Responsibilities](#)