

# North Boone Technology Plan



The Mission of the North Boone educational community is to provide students with exceptional experiences that continuously develop their minds and character, fostering life-long learning and responsible citizenship.

## 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.

## 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

### Implementation:

- 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.

#### Monitoring & Reviewing:

- 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

##### Planning:

- Fall: Create and convene Technology Instruction Committee of teachers, administrators and students
  - 1st semester: LMS review and recommendation
  - 2nd semester: Host focus groups for teachers and students
- 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.

### Monitoring & Reviewing:

- Staff will complete the SAMR Self-Evaluation Tool and will share results with colleagues at one late start.
- 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.
- Technology Committee will sequence K-12 technology skills for classroom use.

### Monitoring & Reviewing:

- Collect SAMR self-evaluations from all teachers twice 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 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.

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

Monitoring & Reviewing:

- 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.

## **Appendix**

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](#)