

Digital Learning Plan

July 1, 2018 - June 30, 2021

Action Steps	Focus Area	Responsible Person(s)
<p>School-wide Technology Infrastructure: 1) Continue with classroom projector maintenance/replacements as needed (29 total to-date); 2) Continue with interactive whiteboard installations (includes 3 new MS classroom installs for 2018-2019); 3) Upgrade existing wireless internet access points; 4) Continue with scheduled replacement rotation of all computers (5 year); 5) Upgrade broadband connection (Internet) to 500 Mb down/up.</p>	Education Technology	Technology Coordinator 1,2 (John Munson), Network Administrator 3,4,5 (Todd Powers)
<p>STEM: 1) Continue with Junior & Senior Robotics Clubs (grades 5 – 7; VEX IQ; grades 8 – 12; VEX EDR); 2) Bring STEM activities into Grades 3 & 4 through integration work (TC), which includes our new "Maker Cart"; 3) Continue working with 'White Mountain Science, Inc' in MS/Elementary classrooms.</p>	Education Technology	Technology Coordinator 1,2,3 (John Munson), Classroom Teachers 2
<p>Technology Integration: 1) "Faculty Technology Integration Unit" requirement annually with all classroom teachers; 2) Professional development with teachers through conferences (e.g. Vermontfest, Dynamic Landscapes, Christa McAuliffe) and in-service workshops; 3) Implementation of the new ISTE Student & Educator Standards through PD work (e.g. early release day workshops); 4) Use of 'Newsela' through all content areas/all grades web-resource; 5) Continue 1:1 laptop program at HS level, transitioning to Chromebook environment; 6) Add 1:1 to the 8th grade for 2018-2019 and assess adding Grade 7 during this 3 year plan; 7) Become a member of ISTE.</p>	Education Technology	Technology Coordinator 1,2,3,7 (John Munson), Network Administrator 2,5,6 (Todd Powers), HS Principal 2,3,4 (John Barone)

Direct Educational Technology Instruction: 1) Continue work with third and fourth grades on keyboarding, computer literacy and SBAC readiness; 2) Continue offering HS courses: Digital Video, Robotics & Emerging Tech, Web Design, Computer Graphics; 3) Develop & Implement Grades 3 through 8 educational technology curriculum; 4) Continue to participate in VTVLC as a collaborative partner, providing content in exchange for 25 seats/semester.

Education
Technology

Technology Coordinator
1,2,4 (John
Munson), HS
Principal 3 (John Barone)

School Website converted to & maintained at ADA compliance: All pdf documents text-to-speech ready, images tagged, video closed-captioned, and school-wide procedures updated.

Education
Technology

Technology Coordinator
(John Munson)

Results Indicators

- 1) All classroom projectors are maintained and operable through the three years of the plan.
- 2) All classroom interactive whiteboards are maintained and operable through the three years of the plan.
- 3) New access points are purchased and installed.
- 4) All school computers are replaced within 5 year rotation schedule.
- 5) School broadband connection upgraded to 500Mb down/up

- 1) Junior & Senior Robotics Clubs will meet regularly through the three years of the plan. Teams will also compete annually in one or more robotics competitions.
- 2) STEM activities will be implemented into various elementary/middle school classrooms.
- 3) White Mountain Science, Inc. will be contracted to provide STEM activities in various EL/MS classrooms.

- 1) We have been requiring that teachers complete this for several years and will continue so through this plan.
- 2) Teachers may utilize professional development funds for this purpose, and we will also be planning to use early release days for PD workshops.
- 3) This will take place through BMU in-service PD.
- 4) The school will continue to subscribe to this service and provide teachers with training on how best to use.
- 5) HS students will have a Chromebook assigned to them for the school year.
- 6) The 1:1 computer program will be extended to 8th grade students during the 2018-2019 school year. Assess the plausibility of adding Grade 7 during the term of this plan.
- 7) BMU will join ISTE and partake of their educational technology information and guidance.

- 1) Provide Grades 3 & 4 thirty minutes/week of keyboarding and computer literacy instruction.
 - 2) At least four (4) half-credit High School courses will be offered each school year.
 - 3) The Curriculum Director working with out staff will design and implement a educational technology curriculum, which addresses internet safety, technology literacy, digital citizenship, keyboarding, appropriate use of technology, and productivity software. This will include hiring a new Educational Technology Specialist.
 - 4) The Technology Teacher (Munson) or some other BMU staff will teach for VTVLC , which allows 25 BMU students/semester to take online courses through VTVLC.
- The school website will be maintained to ADA compliance standards.