**Fraser Public Schools
Learning Management System - Executive Summary
November 2018
Status Update - Vision and Needs**

<u>Current Reality</u>
Fraser Public Schools is a K-12 district located in in Macomb County Michigan. Our schools consist of one 9-12 high school, one 7-8 middle school, six K-6 elementary schools, and 1 pre-K early learning center. Enrollment for the 2017-18 school year was 4991.

We have been developing our *Portrait of a Graduate* to drive our next Strategic Plan. This work has been critical to answering our why and developing the next stages of our work.
https://fraserportrait.weebly.com/

Fraser Public schools has been transitioning to Competency Based Education over the past 4 years. Teachers and district staff are creating three-dimensional learning for students by combining content, skills, and conceptual competencies. Competencies include explicit, measurable, and transferable learning objectives that empower students.
http://cblflipbook.fraser.k12.mi.us/#p=1

Each competency is supported by learning objectives or 'I can' statements and built upon national and state standards for learning.

To facilitate instruction, assessment, and reporting we have utilized the LMS *itslearning* at the elementary level and *BlackBoard* at the secondary level. We have utilized *Data Director* for district level data collection and analysis, which will no longer be available to us starting 2019. PowerSchool, supported at the county level, provides grade and attendance data for all district staff, parents, and students.

Although desired, a district-wide Learning Management System that includes a Student Information System, all data reporting, and content has not yet been identified for K-12.

Student responsibility and agency is increased in the CBE model in comparison to the traditional model of education. Students needed to be educated on this new model as owners of their own education. Reporting progress on competency proficiency is critical.

Technology Needs:
- Single Sign-On between content delivery system and data/assessment piece
- Shares data from/to PowerSchool bi-directionally via PowerSchool Plug-in
- Capability to import multiple external scores per student from M-STEP, AIMSweb, SRI, others

Digital Ecosystem:
- Create courses that are centrally designed and shared
- Courses can be copied and shared between teachers
- Ability for students to see the day's lesson on course dashboard - lesson planner/calendar (elementary)
- Ability to embed video content and links
- Personalized learning pathways
- Adaptive release
- Kid-friendly for lower elementary learners/sophisticated for secondary learners
- Simple, intuitive interface for teachers and students - requiring few steps
- Student portfolio feature that are course and student-based with evidence easily uploaded by students

Competency Reporting:
- Ability to upload our own competencies (aligned to state and national standards)
- Ability to tag to multiple level Learning Objectives
- LOs can be aligned to competencies and averaged to calculate a competency grade (Secondary Level)
- Students and Parents view of a status/progress report for competencies
- Reporting for teachers (assessment-level, per class, per student, per grade-level, per learning objective/competency)
- Reporting for Principals and district administration
- Reporting for parents and students - simple and intuitive
- Ability to build custom reports utilizing assessments
- Badges
- Student notifications based on teacher created conditions
- Mobile App

Assessment Needs:

- Multiple means of assessment (question types)
- Rubrics that can include scores for multiple line items that can be independently tied to learning objectives in addition to tying the final rubric score to a competency
- Individual assessment items can be tagged to Learning Objectives
- Ability to use rubrics within assessment questions