
EBP SUMMARY REPORT 2015-2016

RIVERSIDE SCHOOL BOARD

Project 3 - Secondary IV CST Math Data Team

Goals and Activities

There were was one RSB Secondary IV Science and Technology/Applied Science and Technology Success Team meeting this school year which involve teachers from all four high schools. It was composed of two teachers from St-John's HS, two from Centennial RHS, three from Heritage RHS and one from Saint-Lambert International HS.

Outcomes

1) ST/AST IV Success Team met for a full day on March 29th 2016. The team was composed of 8 teachers (from all four high schools) and the educational consultant. This was the first success meeting for secondary IV ST/AST teachers at RSB.

This meeting first involved analyzing data from the June 2015 Uniform Exam (RSB, school and classroom results). Teachers then moved to conducting an item analysis using student samples. A large group *Student Artifact Recording Tool* was completed electronically for each question. Teachers stated observable elements, misconceptions, inferences and teaching implications for each item/question. The team then proceeded to share the results but mainly brainstorm and research instructional strategies to address the misconceptions.

Afterwards, the school teams worked on their local goals. Schools elaborated a school success plan for April-June 2016. They identified 3 strengths, 3 weaknesses and main student struggles. They elaborated 1-2 objectives to improve success on the June 2016 Uniform Exam. The objectives stated a specific percentage of improvement on a topic or part of the exam (e.g. student success on mechanical properties will be improved by 5% from the pre to post assessment). The school plan included the collection of observable evidence (artifacts), monitoring success, teaching implications and sharing results and progress with students. As such, it included a formative assessment plan for the pre-instruction, during instruction and post-instruction phases of learning. Each school also included a date of completion and reporting back to the community.

The consultant met with the ST IV teachers at Centennial RHS to elaborate their local success plan and create the related resources (April 2016).

Results on the specific items related to each school's goal, from the June 2016 Uniform Exam, will be analyzed by the consultant and the teachers, and the results will be shared with the school (administration and science and technology teachers) in early September 2016.

The cost of the meeting (teacher release only) came out to \$ ***.

Submitted June 10, 2016. L.Rae