



St. Vrain Valley Schools

Race to the Top (RTTT): 4 Years beginning in January 2013 - January 2017

Schools included in this Project (Skyline HS feeder system and two additional Title schools to begin plan replication in another feeder):

- **Skyline HS, Trail Ridge MS, Heritage MS, Columbine ES, Loma Linda ES, Rocky Mountain ES, Spangler ES, Northridge ES, Indian Peaks ES, Fall River ES, Alpine ES**
- **Total budget: \$16,589,000**

Plan Goals:

1. Rigorous K-12 programming for all students to include STEM at all levels.

St. Vrain will strengthen and enhance our Skyline High School program so that it becomes a national model for STEM academies. This initiative will connect the STEM Academy model to the Skyline High School middle and elementary feeder schools. St. Vrain will radically transform our schools which have the greatest need to those that provide the greatest promise.

- **Implement augmented school year for at risk students at elementary schools involved. 7 weeks of K – 5 summer intervention with a literacy, STEM, and English Language Development focus**
- **Implement Galileo at all sites as a formative assessment, progress monitoring tool**
- **Implementation of STEM focus with the hiring of a STEM coordinator**
- **Training around technology integration to support the T in STEM to include purchase of technology devices for each site**
- **Math/STEM support for all elementary summer intervention students to support student engagement run much like an Innovation Academy at each summer site**
- **Telementoring by industry experts for 200 middle school students**
- **myON reader for 4 years for each of 8 elementary sites**

2. Personalized programming to continue improving graduation rates and postsecondary readiness.

St. Vrain will implement personalized ICAP plans (Grades 5-12) and expand post secondary opportunities. The Relationships with Educators Accelerate Learning (R.E.A.L) plan will provide mentoring support. In year four we will develop P-Tech, a grade 9-14 program in partnership with IBM and the local community college.

- **Focus on Individual Career and Academic Plan (ICAP) implementation with a counselor hired for the three secondary schools to include training of staff and monitoring of student personalized graduation plans**
- **Hiring of 28 teachers annually to implement REAL (Relationships with Educators Accelerate Learning) plan with mentoring of at risk students for at least 4 hours per week**
- **P-Tech research, curriculum development, and implementation**

3. Personalized programming to continue improving graduation rates and postsecondary readiness through STEM focused application of skills in the Innovation Center.

The alignment of coursework to actual work in the high school Innovation Center will be a pipeline for all students in this feeder for a vision of future opportunity and career success.

- **Opening of an Innovation Center for Skyline HS students to promote real world application of STEM skills taught in STEM classes providing relationships with business to develop real work plans**
- **Stipends for student work – 1784 Hours summer and after school work at the Innovation Center**