


<p><b>HONEOYE FALLS-LIMA CENTRAL SCHOOL DISTRICT</b></p> <p><b>Quality Education Design: A Student-Centered Approach to Program Budget Development for the 2018-19 School Year</b></p> <p><b>Operational Plan 2018-19</b></p>	
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<b>Decision Input Unit Name:</b>	<b>Science</b>
<b>Site:</b>	<b>6 - 8</b>
<b>DIU Chairperson:</b>	<b>Jaclyn Buckley / Elizabeth Henderson</b>

<b>Name/Title of Committee Members</b>	<b>Name/Title of Committee Members</b>
Jaclyn Buckley, Science Teacher	Holley Rock, Grade 6 Teacher
Dick Gatto, Community Member	Christina Stetson, Grade 6 Teacher
Elizabeth Henderson, Science Teacher	Kenneth Warren, Science Teacher
Scott Krebbeks, Science Teacher	

The DIU/PBAC process is one of continuous improvement. Please developed goals by considering the questions listed in the diagram below. For additional information, see the presentation on *“What is a Strong Goal”* and the *HFL PBAC Guidelines* document.



**Goals for 2018 - 2019**

Select approximately three goals to prioritize for the 2018-2019 budget year. For each goal, describe how you will know if you accomplish each goal. Please detail the budget impacts and resources you will need to accomplish each goal.

1. At each grade level, technology will be integrated into at least one unit to align with district SAMR/TPACK model goals. The integration of technology will enable students to develop skills necessary to apply scientific concepts in a technology-driven world.

**Strategies:**

- Labs that incorporate use of Vernier Probes, TASA software
- Weekly Reviews and online tests/quizzes using Test Wizard
- Research and online activities / labs

**Budget Impacts / Resources Needed:**

- Continued subscription to online **Test Wizard** program

- Purchase additional **TASA** software programs to support 6<sup>th</sup> and 8<sup>th</sup> grade science curriculum
- Purchase additional **Vernier Probes and accessories** for continued digital laboratory experiences
- Maintain **One to World** laptop initiative

2. Implement and incorporate NYS Science Learning Standards (adopted in December 2016 from NYS in alignment with NGSS).

**Strategies:**

- Modification of instruction / laboratory experiences

**Budget Impacts / Resources Needed:**

- Updated curriculum maps uploaded to eDoctrina to address changes in NYS Science Standards to be accomplished beginning in Summer 2018
- Continued support to attend state and national level conferences and workshops that support the implementation of the standards
- Consider opportunities to add a full-time push in special education teacher to address the needs for a co-taught classroom model to support struggling students.
- Consider adding a summer school program for students who would benefit from additional instruction to meet standards. The design of the program would help to minimize the loss of gains made during the course of the regular school year by providing students with continued instruction and support throughout the summer.

**Goals for the current School Year (2017-2018)**

Please list your DIU goals for the current school year. For each goal, please indicate if we are on plan with this goal and what measures you are tracking.

1. At each grade level, technology will be integrated into at least one unit to align with district SAMR model goals.

**Current Progress:**

- Weekly Reviews are online in 8<sup>th</sup> grade (Test Wizard)
- Online tests via Test Wizard
- Use of Vernier Probes in Biology and Physical Science
- TASA software incorporated in Earth Science and Physical Science
- Human Body Digital Portfolios
- Recordex cameras are used daily in lessons

2. Review NYS Science Learning Standards (adopted in December 2017 from NYS in alignment with NGSS).

**Current Progress:**

- Attended the STANYS Fall 2017
- Attended the BOCES workshop- Paul Bozeman
- Superintendents Conference Day with Steve Orcutt and High School teachers

**Goals for the previous School Year (2016-2017)**

Please list your DIU goals for the school year just finished this past June. For each goal, please indicate if we achieved this goal and the measures you tracked.

1. 40% of students will achieve mastery on the following Common List Assessments based on 2015-16 gap analysis:

Common Unit Assessment	% Achieving Mastery (85% and above)
<i>Astronomy</i>	27% <i>*only 74/177 students took the Astronomy exam</i>
<i>Weather</i>	44%
<i>Genetics</i>	80%

2. Review NYS Science Learning Standards (presently in DRAFT form from NYS in alignment with NGSS).

- Superintendents Conference Day with Steve Orcutt and High School teachers