| | |
|---|---|
| **HONEOYE FALLS-LIMA CENTRAL SCHOOL DISTRICT**<br><br>**Quality Education Design: A Student-Centered Approach to Program Budget Development for the 2018-19 School Year**<br><br>**Operational Plan 2018-19** | HONEOYE FALLS - LIMA CENTRAL SCHOOL DISTRICT<br>*"Education is the Foundation for Success"* |

| | |
|---|---|
| **Decision Input Unit Name:** | **Special Area Technology Education** |
| **Site:** | **6 - 8** |
| **DIU Chairperson:** | **Tim Egan** |

| Name/Title of Committee Members | Name/Title of Committee Members |
|---|---|
| Tim Egan, Technology Teacher | Jason Waughtel, Technology Teacher |
| Ed Reed, Community Member | |

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. Continued implementation of the use of personal electronic devices as tools to solve technological problems. Student prepared pseudo-blogs will be assessed using a site developed rubric.

   Strategies:
   - Model appropriate uses of personal electronic devices by applying district digital citizenship standards
   - Provide students with time and opportunities to implement new assessments.

Additional Resources / Budget Impact:
- None

2. Make additional resources (i.e. – instructional opportunities) available to students to connect digital designs to real-world CAM output devices.

   Strategies:
   - Add is CAM router to integrate CAD and CAM beginning in eighth grade so that students can produce precision parts to incorporate into their Rube Goldberg/Simple Machine devices
   - Utilize our Co2 laser cutter/engraver to produce precision parts for our Seventh Grade rocketry activity

   Additional Resources / Budget Impact:
   - Materials for the Co2 Laser
   - Replacement laser tube (every 1500 hrs.)
   - CNC Router Kit – Shopbot 24-18 with spindle, bits, and mini enclosure

## 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. Encourage and promote the appropriate use of personal electronic devices in class for one unit. This will be measured by students' ability to produce a "pseudo-blog" documenting their activities on a week-to-week basis.
   - We have yet to begin our chosen unit, "Rube Goldberg Machines" in order to indicate any progress with regard to this goal

2. Make additional resources available to students to connect digital designs to real world CAM output devices.
   - We were unable to purchase the CAM router due to the unexpected failure of our 75-year old table saw. A significant portion of the funds designated for the purchase of the router was used to purchase a new table saw

## 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. 75% of all 7th and 8th grade students will demonstrate mastery on grade level measures of technological literacy skills development in the form of a district developed and approved post assessment.

   Actual Results
   - 75% of last year's 7th grade and 82% of last year's 8th grade Technology Ed. students scored above 85% or better on the district approved post-test
   - Instructional activities were designed and implemented to enhance student acquisition of relevant technical literacy skills: interactive engineer's notebooks, formative and summative assessments, written student reflections, and data analysis