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School Board Report Monday, February 12, 2018

Professional Activities of Staff:

- Five new staff members continue to work on their Alt 4 plans to become certified in their content areas.
- CTC teachers had an opportunity to meet with Rose Colby, author of the book *Competency Based Education* to further their understanding of CBE.
- Christine Thompson has designed a course to teach CTE students all about writing cover letters and resumes as well as practice interviewing through role playing.
- In January, CADD instructor Joe Riddensdale, traveled to Nepal to volunteer with All Hands All Hearts Smart Response, a volunteer organization that helps rebuild schools in areas devastated by natural disaster. In 2015 an earthquake struck the country of Nepal killing around 8,700 people and destroying thousands of schools. All Hands has been rebuilding schools to be earthquake resistant and also teaching local residents masonry skills in hopes that they will have a skilled labor force moving forward. Joe spent 4 days at Kalakaseran. During that time he was involved in the finishing of septic tanks and stairs leading from the upper to the lower areas of the school. Joe also was able to visit a local school that has about 1500 students in grades 1 - 12. He gifted a kit of VEX Robotic parts (donated by Intelitek) to help the school jump start its computer programming and robotics courses.

Center Priorities:

- We continue to collect, analyze & post data necessary for the May 7,8 Monitoring Review by the DOE.
- Students and advisors are busy preparing for the Career Technical Student Organization (CTSO) state competitions coming up in February and March.
- Teachers have nominated students for the National Technical Honor Society. These students will be further vetted before a final round of students is selected.
- NH Girls Technology Day is scheduled for March 14 at UNH. This is for girls exploring STEM opportunities. We will take approximately 15 girls.
- Freshman Transition Night has been scheduled for Wednesday, March 21.
- MWVCTC Kiwanis Rotary Scholarship Dinner has been set for Wednesday, May 9.

Program News:

Building Trades – Work continues on the Tiny House as well as the gazebo for Pine Tree Elementary. Students also built six hockey goals for the Laura Foundation's Youth Pond Hockey Festival. Please see attached.

Machine Tool – Students continue to work on flight critical hardware for NASA to be used on the International Space Station. Stacey Hale from NASA will be here on February 9 to certify 32 students (Advanced & Level 1) in quality control and to recognize the students who do this very important work.

Health Science – Our LNA program began this semester with 8 students (maximum capacity). Students will complete 40 hours of classroom instruction followed by 60 hours of clinical instruction. At the conclusion of the program, they will be eligible to sit for the LNA exam. The clinical portion of the course is being taught in collaboration with Memorial Hospital's Merriman House.

Career Services - In addition to our well established placements, we've got some exciting new extended learning opportunities happening 2nd semester:

- Junior, Daniel Weeder, is partnering with the Tin Mountain Conservation Center to conduct wildlife plot studies on the Kennett High School property. Once established, the hope is that the plot studies will then be taken over by the Earth Science classes.
- Julia Dzierseski began an internship with Outside TV where she has been allowed to film episodes and learn about the whole production process.
- William Alber is working as an intern with Rapid Insight where he is writing and completing Unit Tests, which are used to help debug software by testing for expected output to make the program more reliable.

Computer Science - Students who are opting in to take the Computer Science AP Principles test in Programming I and II classes are currently working on the EXPLORE task, where they research computing innovations through credible sources and create a computation artifact (infographic, video, audio, etc..). They will answer questions about how their chosen innovation impacts society and paves the way for future innovations. Later in the quarter they will work on the CREATE task where students will create programs / web applications of their choice. Both tasks will be finished and submitted to the College Board by April 30th, before the AP exam in May; all three parts are weighted to formulate an overall AP score.

Robotics - Team 5106C competed Saturday February 3rd at Conval. They made it to the semifinals as the 5th seed before being eliminated. Teams 5106A and 5106C will be competing at Manchester Community College on February 17th in the New Hampshire VEX Robotics State Championships.

Teacher Education - With the beginning of the 2nd semester we welcomed 16 Student Teachers to work with our 24 Little Eagles and their families. Students in the Curriculum & Methods class dove into CBE and Mindfulness with guest presenters Kadie Wilson and Sophie Edwards respectively. Site visits to Conway Elementary start this week. Each Tuesday & Wednesday students will spend an hour within a Conway Elementary classroom. Mrs. Edwards has helped match each high school students' teaching interests with a classroom teacher. Our Conway El visits will wrap up at the end of March with the Teacher Education students planning and delivering a lesson in their respective classrooms. In addition,

students are collecting information and data to use in their Capstone Projects while becoming part of the Conway Elementary community.

HOSA (Health Occupation Students of America) - sponsored and hosted *Story Time and Pajama Giveaway* at the Conway Public Library in January. HOSA and Educator's Rising will host their 2nd annual Winter Carnival event for preschool and elementary age children on Saturday, February 10th from 12-3 p.m. at the North Conway Community Center. A fun afternoon of activities are planned to help promote the messages of Let's Go 5-2-1-0. The event will also serve as a fundraiser for NAMI- NH, National Alliance on Mental Illness.

FBLA (Future Business Leaders of America) - hosted a fundraiser at Flatbread on February 1 for the Spring Leadership Conference and various FBLA district initiatives. The event was very successful with around a dozen members participating. We are very much indebted to the many local businesses that were very generous with donations for the event. Students will be attending the FBLA Spring Leadership Conference in March and are slated to compete in events such as public speaking, resume writing, introduction to business presentations, and sales presentations.

