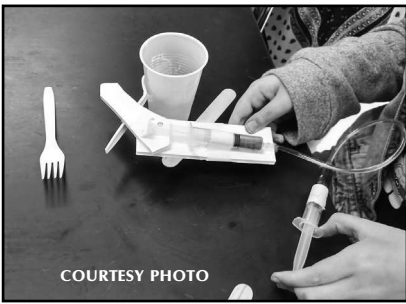


Siuslaw

Introduction to innovation

In the real world, engineers design all kinds of things to make our lives easier. In the classroom, student engineers develop problem solving and critical thinking skills to prepare for the future.



Students create hydraulic devices to grasp and move items.

In an introduction to the engineering design process, eighth-grade students in Mrs. Wells' Science classes were introduced to the basic principle of hydraulics.

As part of hands-on application, they built a hydraulic system using syringes, clear tubing and colored water.

Students soon realized that when the plunger of one syringe was pushed down the plunger of the other syringe would move up. This is a result of the liquid being incompressible, so when a force is applied to one end of the hydraulic system it is transmitted through the liquid to the other end.

This force can be used to move, push or lift things.

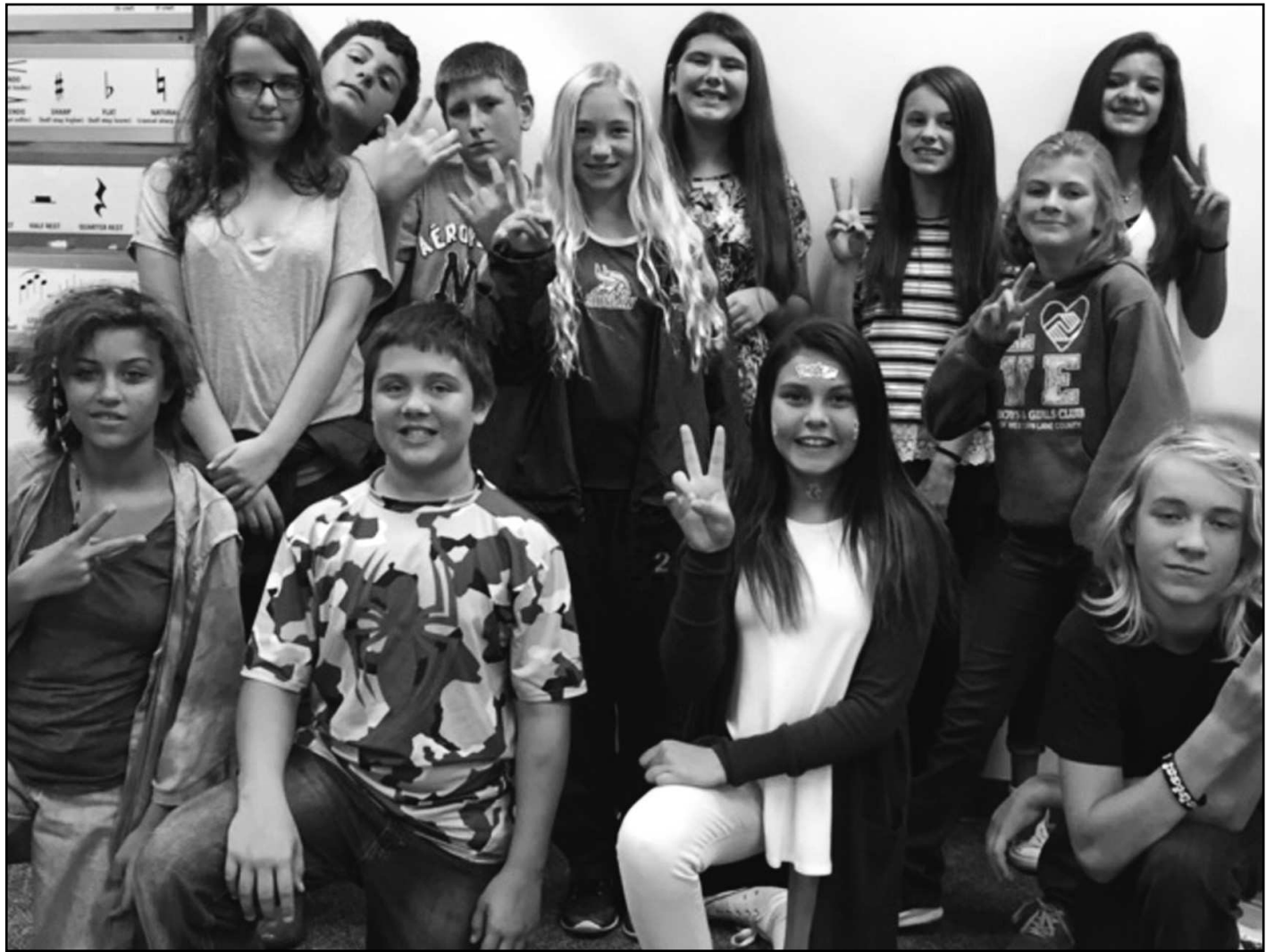
Mrs. Wells then chal-

lenged the students to build a hydraulic device that could grasp a cup.

Students had a limited amount of time to brainstorm their ideas with their teams, choose their best idea, build a prototype, test their prototype and redesign before doing a final test and demonstration to the class.

Through this process, students worked together to produce a variety of solutions for grabbing a cup with their devices. Some students even went beyond the task given and invented ways to lift their cups, as well. — Submitted by Alexis Wells

Giving PEACE a chance



Students from Siuslaw Middle School Choir performed a concert of music to celebrate 2016 World Peace Day on Sept. 21. Students from the fifth-grade class of Kim Stokes were special guests. — Submitted by Debra Young

Once a band director, always a band director

Gloria Mittleman, retired school principal and band teacher, volunteered to conduct a workshop last week for the flute and clarinet students in Mr. Rowbotham's Beginning Band Woodwinds class at Siuslaw Middle School.

Mittleman took the students through the proper instrument assembly, fingerings, embouchure and care and cleaning techniques. Over four periods on Monday through Thursday, she reinforced Mr. R's classroom expectations for proper posture, classroom conduct and respect for fellow Band members.

Retired since 2005 from the Sweet Home School District, Mittleman continues to provide free private music lessons in Coos Bay, Ore., to young band students.

"I love Band from the utmost part of my heart," Mittleman stated. "When I retired from administration, I did not want to retire from teaching music completely. A



Gloria Mittleman (right) teaches proper technique to Chris Rowbotham's Beginning Band Woodwind students.

chance meeting connected me with Mr. Rowbotham and set up the opportunity for this week in Florence. I am impressed with the behavior of this class and also how kind the Siuslaw Middle School students and staff have been to myself and my service dog, Gage."

Rowbotham and the students bid her a hearty goodbye and thanks, and invited her to their



first concert on Monday, Dec. 5, at the middle school.

For more information about Siuslaw Bands, to donate a playable band instrument or to volunteer, contact Siuslaw Middle School at 541-997-8241. — Submitted by Rachel I. Pearson

ASPIRE kicks off new year

We are off to a busy beginning of the school year.

Here are some important dates to keep in mind:

- Lane County College Fair at University of Oregon in Eugene, Friday, Oct. 7, from 9 a.m. to noon.

Over 40 colleges will be at the University of Oregon for the college fair. See Mr. Moser to register to attend. Space is limited as Mr. Moser is driving a mini-bus. You must be pre-excused and use this web address, www.register.goto.collegefairs.com/Registration/Registration, to register. The website will give you a bar code so the colleges that interest you can scan you into their system.

- "Make it Happen" Local Scholarship Night, Siuslaw High School Commons, Tuesday, Oct. 18, at 6:30 p.m.

- Financial Aid Night, Siuslaw High School Commons, Thursday, Oct. 20, at 6:30 p.m.

Local Scholarship and Community Service Night and the Financial Aid Night are open to grades 11 and 12.

Last year, our community gave over \$124,000 in scholarships. However, there were several career-based scholarships — which could fund trade schools as well as colleges — which were not given out because students did not apply. Don't count yourself out!

Also remember, these organizations like to give to students who give back by volunteering, so meet with service providing agencies who could use a hand.

- ACT Test at Siuslaw High School, Saturday, Oct. 22. Register through Friday, Sept. 30. Go to www.actstudent.org for more information.

- SAT Test at Siuslaw High School, Saturday, Dec. 3. Register by Nov. 3 at normal price or pay late fees through Nov. 22. For more information, go to www.collegeboard.org.

Juniors need to register and pay with Mr. Moser for the PSAT on Wednesday, Oct. 19. If they want to qualify for the National Merit Scholarship Program.

Note the registration deadlines for the ACT and SAT.

Any student who qualifies for free or reduced lunch can get a fee waiver which only works if you register on time. Use the websites above to learn more and to prepare for these tests.

ASPIRE volunteer mentors came on board after Sept. 21, so students can expect call slips for appointments after that.

The Pride period will be a popular choice but times can be throughout the school day. Please be reliable.

Happy new school year! — Submitted by Bou Kilgore

	Monday to Thursday	Friday
Elementary	8:35 a.m. – 2:50 p.m.	8:35 a.m. – 1:35 p.m.
Middle	8:30 a.m. – 3:10 p.m.	8:30 a.m. – 1:52 p.m.
High School	8:28 a.m. – 3:10 p.m.	8:28 a.m. – 2:00 p.m.

SHS also has a new bell schedule so that students have time during the school day to study. — Submitted by Kerri A. Tatum

A SOLID FOUNDATION FOR A NEW SCHOOL YEAR



Max Perry created this bulletin board outside his classroom at Siuslaw High School. This year he is teaching a brand new class for incoming freshmen geared to getting students set on the right track and with a solid foundation so that every student graduates on time. He will be covering social skills, study skills and how students can advocate for themselves, among other things. We are hopeful that this, in conjunction with some of our other supports, will help us solve our graduation problem over the next few years. — Submitted by SHS Principal Kerri A. Tatum



Save the date! Florence Community PTA and Siuslaw Elementary School will be holding a Color-A-Thon 5K fun run on Saturday, Nov. 5. For more information, go to florencepta.org and schoolathon.com.

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