

OHSU On Track! lessons at Eagle Academy

The seventh-grade students were given a dozen seemingly random items: small parts from metal and plastic tools, a rubber band, a stick.

The challenge was to combine the pieces, and create a new tool that could be used to remove an object—a coin or marble—from a circle of dominos, without knocking over any of the dominos.

It was difficult, but many of the students were able come up with a tool design that allowed them successfully to complete the challenge. This was a project of On Track OHSU!

The On Track! team last week brought the bio-medical engineering lesson to the Warm Springs Eagle Academy.

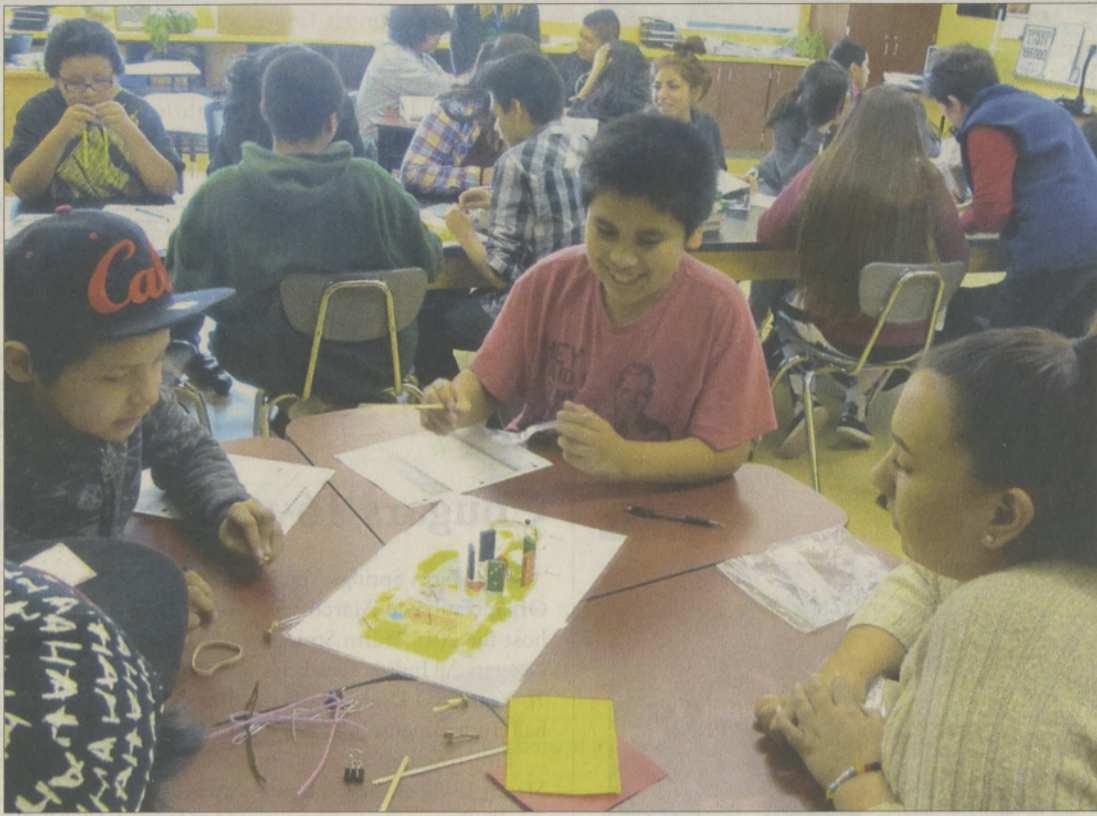
The point of the exercise is to show the kinds of challenges that bio-medical engineers face in designing new medical equipment.

The On Track! instructors talked with the students about the bio-medical profession, and other opportunities in health care.

This is the first year of a partnership between Oregon Health Sciences University and the Confederated Tribes of Warm Springs.

The On Track! team worked with the tribal Education Committee and the school district in creating the partnership.

Their mission is to inspire and energize young tribal members to consider a career in health care, said



Seventh-graders Jerome Dixon (left) and Chris Rodrigues work on the OHSU bio-engineering exercise, with help from high school teaching assistant Ashley Reese.

Susan Shugerman, OHSU assistant vice provost for Education Outreach and Collaboration.

On Track! also explains some of the steps that are needed in order to achieve a health care career.

Native Americans are under-represented in the medical fields.

OHSU On Track! is working to help address this. The On Track! team is meeting with students in grades six through 12.

On Track! has partnerships with two other school districts in the state. The Confederated Tribes of Warm Springs are their first tribal partner

in the program, in its first year in Warm Springs. For the recent classes at the Warm Springs Eagle Academy, On Track! recruited two tribal member high school students to help as mentors.

— Dave McMechan

Heart Smart Dinner

The Model Diabetes program is set to host the Annual Heart Smart Dinner on Wednesday, February 24.

The dinner will be at the Agency Longhouse from 4 to 7 p.m. There will be a healthy salmon dinner. The drummers will bless this event.

There will something fun to do with attendees, a raffle, and gifts for children. Model Diabetes will also host a mini health fair from 4 to 5 p.m.

Model Diabetes invite all staff, family and friends to join in this fun event. Mayor of Madras Royce Embanks Jr. will be a guest at Heart Smart.

If you would like to set up a table at the health fair, call Jeri Kollen at 541-553-6289. Or email: jeri.kollen@ihs.gov

You can also call Loraine at 541-553-6292.

The Model Diabetes program is asking for volunteers, and any donations for the raffle and gifts. Call to have the items picked up, or you can drop off at the Community Health window at the Health and Wellness Center.

If you have any questions about Heart Smart, call Kat Spaulding, Heart Smart Dinner coordinator, at 541-553-6290.

This event is sponsored by Model Diabetes, the Health and Wellness Center, the Warm Springs Senior Center, and Warm Springs Diabetes Prevention.

A wish...

A Happy (belated) Valentine's Day to Colleen Marilyn Kalama. I love you and will be seeing you soon. Stuart Alan Smith Sr.

The next Spilyay will come out on Wednesday, March 2. For letters please write to david.mcmehan@wstribes.org Or stop by the media center.

First test flight for tribes' UAS program

The first flight of the Confederated Tribes unmanned aerial systems program is coming up this week.

The announcement comes from Eagle Tech Systems, the tribes' UAS subsidiary of Warm Springs Ventures. The flight is planned for this Friday, Feb. 19, said Aurolyn Stwyer, Ventures business development and marketing manager.

The Friday flight is scheduled for 1:30 p.m. at the at the Metolius Bench Unmanned Aerial Systems Operational Site, Ms. Stwyer said.

With this development, the Confederated Tribes' UAS program will host the first customers approved to fly at an Oregon test range.

For the test flight, the University of Alaska UAS center issued the Flight Test Site National Certificate of Authorization.

The test flight will be for a UAS vehicle, or drone, made by the company Aeromapper.

The drones have to be test-flown for a certain number of hours before they can be marketed. The



The logo of Eagle Tech Systems, subsidiary of Warm Springs Ventures, the economic development tribal enterprise.

Metolius Bench flight is part of this approval process, as conducted by the University of Alaska center.

Center for Excellence

The Confederated Tribes are in a unique position in the growing unmanned aerial systems industry.

"We are one of 12 test ranges approved by the FAA in the United States," Stwyer said. In Oregon, there are three sites: the Warm Springs Reservation, and at Pendleton and Tillamook.

The tribes' partner is VDOS

Global. The company is authorized by the University of Alaska to process flight authorization within a two-week timeline, compared to FAA approval time of six to nine months.

"Our mission is to provide services for our clients to fly faster, fly safer, and fly smarter," Aurolyn says.

The Warm Springs UAS Test Range offers a turn-key testing environment for flight authorization, flight testing and evaluation. A training center will be located at the Kah-Nee-Ta Resort and Spa.

"As a sovereign nation, we offer ease of services at our test ranges," Aurolyn says.

For example, the tribes have the ability to have controlled burns without having to get certifications or approvals with any outside entity. "We are focused on becoming a Center of Excellence for wildland fire management," Ms. Stwyer said.

Another advantage: There is a

de-energized power transmission line on the reservation. The line will be available for tests for that particular industry.

The third target market is natural resource management. Recruitment of young tribal members who are interested in the UAS field is another focus of Eagle Tech Systems.

Stwyer has been working with the Jefferson County School District 509-J, Central Oregon Community College, and SOAR Oregon on the education and recruitment component of the program.

Friday test flight

The weather forecast is favorable for the Aeromapper test flight at the Metolius Bench area in Seekseequa. Light refreshments and a cake will be served to celebrate the inaugural flight. Cell telephones and cameras are allowed for use at the event.

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