



CONFLUENCE

Dec. 7+8, 2016
6:30-8:30pm
XV

MERGING SCIENCE, HUMANITIES AND THE ARTS AROUND GLOBAL CONCERNS



Humanitarian Engineering

615 Main Street, P Studio

This project is about engineering change in the world one problem at a time. To this end, our HSC2 students designed solutions to a variety of the world's problems such as: solar water purification for refugees in Syria; micro passive refrigeration units to help distribute anti-venom in rural India; and sonic bombs to help homeless women and children in Eugene/Springfield prevent sexual assault.

To demonstrate their ideas, students have created ED Talks (Think a TED talk, without the trademark infringement). In their talks our students focused on a marginalized community, outlined the problem that they are working to fix and demonstrate their original engineering solution.

ED Talks:

Weds 12/7	Thurs 12/8
6:40 The Banshee	6:40 Home Source
6:50 Code Red	6:50 Tiny Eden
7:20 Saur Paanee	7:20 AVF
7:30 Homiez	7:30 Magneeto
7:50 UV20	7:50 Plan Bee
8:00 Medicine Safe	8:00 Hot Rocks
8:10 Buzzy Bee	



Globalization Crash Course

615 Main Street, Studio 2

The Globalization One Act Festival is a series of one-act plays that focuses on the space race and its further reaching role in globalization.

A32 Students have been using the engineering process to create sets, scripts, costumes for the one act plays surrounding the Space race and its impact on globalization. Each short play will be followed by a question and answer session with the creators. Come enjoy an evening of theater!



Empowering Change

639 Main Street, Annex 2

The planet's natural resources have been a source of both concern and controversy. This semester, A32s worked together to explore their sentiments surrounding the use of both finite and renewable energy through three perspectives: government, scientific and activist.

Interactive art installations and oral presentations showcase their work in five rooms, each focusing on one of the following energy sources: wood, earth, air, fire and water.



World's Fair

HSC, 402 Main Street

Exhibits showcase the culture and contributions of countries historically under-represented in schools and historical world fairs around the world.

Through art, music, food and more, HSC1 students explain scientific principles behind world changing inventions and share the rich histories and cultures of countries around the world.

- Ghana:** The Cotton Gin
- Egypt:** The Suez canal
- New Zealand:** The Kelly Kettel
- Samoa:** Mammala Tree Medicine
- Australia:** The Brennan Torpedo
- Mexico:** The Loom
- Brazil:** Antivenom
- Honduras:** The Steam Shovel
- United States:** The Firearm
- Colombia:** The Hakim Valve
- Korea:** The Hwacha
- Japan:** The Biplane
- Laos:** Rubber Mastication Machine
- Vietnam:** The Steamboat



ACADEMY OF ARTS & ACADEMICS

615 Main Street, Springfield, OR
A3school.org

INSPIRING LEARNING, ENGAGING PASSION AND EMPOWERING TRANSFORMATION

EXPLORE DESIGN CREATE
 REFINE OWN EXPLORE DESIGN CREATE
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Thank you to everyone who helped to make Confluence happen, including our panel members who gave their time and wisdom, and all the teachers, staff and parent volunteers who worked long hours. Special thanks to our parent group (P3), MECCA (Materials Exchange Center for Community Arts) and BRING Recycling for their donations and continued support throughout the years!



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A3 Abroad: Nepal

615 Main Street, Enter Annex 1

A multi-sensory experience of not just what 8 students and two staff members did during our three-week tour of Nepal, but how it FELT to be so far removed from our homes and culture. The experience starts with the frenetic energy of Kathmandu, transitions to the age-old serenity of the Buddhist and Hindu holy sites, and our unique visit with the US Ambassador to Nepal and our budding partnership with the NIC Academy. Visitors will then get to experience the majesty of the Everest trek and then, our

crowning experience: the powerful and deeply emotional homestays and guest-teaching done in the remote village of Suryenagar. Finally, visitors can hear and see a video of personal statements each of the students made about our experiences.

You'll see and hear a lot about what we did, learned, and how we grew. But that didn't happen intellectually. It happened by investing all of our feelings, knowledge, and (dis)comfort, and trust into this amazing place filled with truly amazing people. Enjoy.

Go around the **BACK** of the school, pass the **A3 Abroad Banner**, and enter through the back door of **Studio 3** to continue the tour...



↑ **Annex 1**
Your Journey Begins Here



Special Thanks to The A3 Governing Board and A3 staff for supporting the concept of A3 Abroad! • The parents for trusting Ed and Mike with their kids ("What could possibly go wrong?") and for helping out with all that fundraising • Lisa Hibbard for the gusto to come along and "mother" us! • Kari Berg and Shelley Albrich for helping with the Confluence Art • Taylor Freeman, Sound Design • Ariana Schwartz and Malinda Blustain for preparing the muslin curtains • The kids who were never tourists, but true participants • Carolyn Hatefi for keeping the money straight • Premier Travel, Wayne Meyers • The Travel Clinic, Dr. John Wilson • The Eugene/Kathmandu Sister City Committee (Eugene), Harvey Blustain • Andy Hock, Chris Spetzler, and Scott Crowell for curriculum support • Ebbert Memorial Church.

In Nepal: Mountain Go Trekking, Bharat Karki • Eugene/Kathmandu Sister City Committee (Kathmandu), Sanat Kumar Thapa • NIC Academy, Prakash Regmi, students and staff • Shree Araniko Secondary School; Purusotam Kharel, Headmaster and all the staff and students!!! • Our host families, Ambica, Sunita, "Kaka and Boju," Laxmi, Kisor, and Urmila!!! • Subash, our amazing porter • BB Shrestha • My family in Nepal; Amaji, Renu-didi, Preksha & "Joi," Suman-didi, Mina-didi, and of course **Mrs. Sandhya Fisher, for teaching us cooking, culture, and helping us out with tons of stuff in Nepal!**



PLUS

Something Civil at The Jazz Station

124 W Broadway, Eugene

This project is a culmination of a semester long study of the Civil Rights Movement and incorporates spoken word, song and music. Students share their learning and understanding of the movement by celebrating and commemorating the individuals, events and songs that helped change our nation.

A31 Students will be accompanied by a small group of professional musicians who will be playing some of the Jazz music that was inspired by the Civil Rights Movement.

The A3 Abroad Genesis

by Mike Fisher

It's one of those things: "if they can do it, so can we!" Last year, while we were visiting the Tacoma School of the Arts, one of our many mentor schools, that we learned that they had taken kids to Nepal. But student travel shouldn't just be inherently educa-

tional, it should actually receive the credit it's due for changing lives and deepening learning. A3 students, unlike our counterparts in Tacoma, should get high school credit towards graduation. We not only can do it, we can do it better.

And thus, A3 Abroad was born. Nepal was the first trip, the next is left up to the students and teachers who want to pitch for and have the next adventure approved and planned. Ed and I think Cuba's a good choice. South Africa maybe. South America's a strong contender. Regardless, our next trip, just like this first one, won't be just a trip; it'll be a class and the participants will be responsible to prove what they learned.