

## Creating a Viable Business on Mars

Governor's School students won 2nd place and \$6,000 in the Pete Conrad Spirit of innovation Competition in California over Spring break. The team, "We Miss Pluto" designed the Helium-3 Excavator (HEX) and lunar rover. The product was designed to extract Helium-3 from the lunar regolith, store it, and ready it for transport back to Earth. All expenses were paid through fund raising, student payment, or grants. Team members included: Chase Brown (Tabb HS), Joe Luke (Phoebus HS), Tyler Clinch (Phoebus HS), and Drew Tyler (Poquoson HS).



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## Governor's School Students visit Costa Rica



Eleven Governor's School students spent Spring break experiencing the biodiversity and ecosystems of Costa Rica. The group hiked through the rainforests at La Selva Research Station and the dry lowland forests of Palo Verde Research Station on the Pacific coast. In addition, they hiked to the base of the Arenal volcano where they encountered an eyelash viper and saw the amazing view of a smoldering volcano. Students swam in the hot springs flowing from the volcano, saw crocodiles in the river at Palo Verde, discovered an abundance of birds and mammals, and took a zip-line tour through the rainforest canopy. Scientists provided students with information on research being done at these locations and discussed diversity of amphibians and reptiles in Costa Rica.

## SkillsUSA State Competition Results

SkillsUSA State Leadership Conference competitions took place March 27 and 28 at the Hampton Convention Center and several satellite sites to include New Horizons' Butler Farm campus. The events held at NHREC were a resounding success with nearly two hundred people participating and viewing seven contests. All attendees were impressed with the New Horizons' facilities. The events went smoothly thanks to the dedicated efforts of our staff and business partners. New Horizons' winners were as follows:



Name	Event	Teacher	Place
Paul Bodensick	Precision Machining Tech. (Post-Secondary)	Greg Sprock	1st
Nicholas Buscarino	CNC Turning (Post-Secondary)	Greg Sprock	1st
Ericka Crowder	Cosmetology	Michelle Sykes/Vickie Servais	4th
Ta'mara Glover	Esthetics (Model)	Michelle Sykes/Vickie Servais	3rd
Tyce Korth	CNC Milling (Post-Secondary)	Greg Sprock	1st
Eric McDonald	HVAC & Refrigeration	Lee Chapman	3rd
Brianna Ruff	Esthetics	Michelle Sykes/Vickie Servais	3rd
Dylan Way	Principles of Technology	Gregg Harris	1st

Additionally, Alex Blevins from Kecoughtan HS and Cosmetology I was elected as a State SkillsUSA officer.

## Students Excel at FCCLA

New Horizons' Early Childhood students excelled at the State *Family, Career and Community Leaders of America* (FCCLA) Conference in Virginia Beach, March 26 through March 29. In addition to the gold and silver winners, New Horizons had three students who were STAR attendants and, among a myriad of other things, assisted with the Feed the Children truck distribution of food to people living in Virginia Beach. Thanks to Penny Cooke and Sharon Dement for leading our Early Childhood/FCCLA students to excel. New Horizons' winners were as follows:

Name	Home School	Event	Medal
Brittany Browne	Menchville	Early Childhood	Gold and Trophy
Felicia Huffman	Bethel	Life Event Planning	Silver and Trophy
Shenika McNeil	Bethel	Life Event Planning	Silver and Trophy
Jessica Al Amin	Heritage	Life Event Planning	Silver and Trophy
Endia Hedgepath	Bethel	Chapter Service Project	Silver and Trophy
Jaslin West	Bethel	Chapter Service Project	Silver and Trophy
Christina Napier	Kecoughtan	Chapter Service Project	Silver and Trophy
Ashleigh Owens	Bethel	Illustrated Talk	Silver Trophy