

STEAM in AFTERSCHOOL

Last Spring at the ND STEM Network Conference in Fargo, Jolene Hermanson (Grafton Middle School STEM Teacher) and Lori Zahradka, 21st CCLC program director North Valley Career and Tech Center, connected with Aaron Bergstrom (HPC/Citizen Science Specialist, Computational Research Center, UND Citizen Science Grid, ND EPSCoR) where he offered to teach supercomputing at Grafton if we were able to supply fourteen Raspberry Pi's (Jolene happened to have a box of ten in her classroom that were unopened so we had a good start!).



On September 29, eighteen students in grades 6-12 at Grafton were fully engaged in the afterschool Raspberry Pi Citizen Science Workshop. Three Computer Science researchers (including Aaron) from UND worked with the students as they learned to install a Linux operating system on the Raspberry Pi, basics of Linux command-line input, how to install software libraries from the command-line and much more! Additionally, it was a nice way to build support for the afterschool robotics club as the science teacher robotics coach always says the students struggle with programming.

You can find more information on Raspberry PI at the following link:

www.raspberrypi.org/help/what-is-a-raspberry-pi/

Students in STEAM

