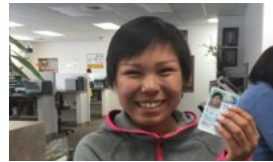




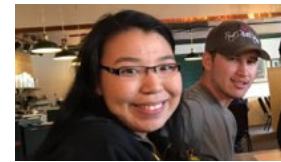
Math Science Expedition 2016
August 10-August 22.
Review Page 1



Summer XL at KPC/ ACC
June 11 - July 9
Review Page 3

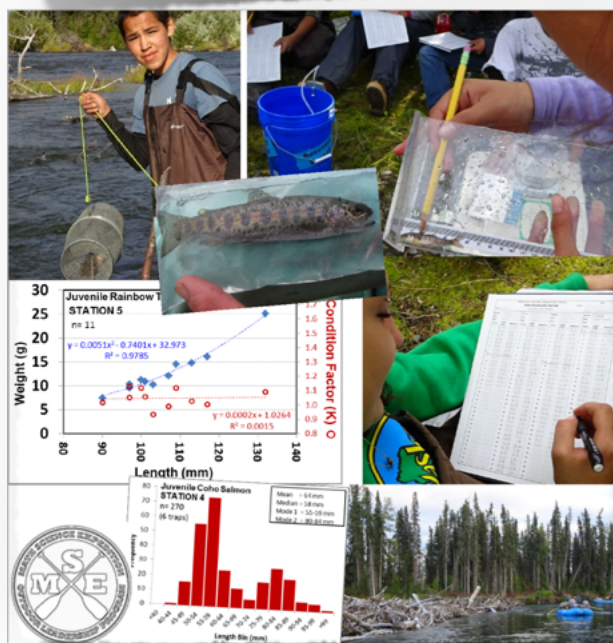


George River Internship
July 17 - July 31
Review Page 2



MAPTS / Calista Internship
May 26 - June 20
Review page 5

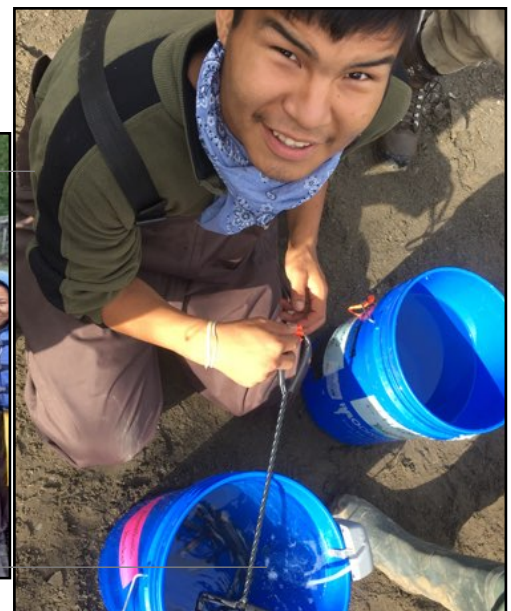
STUDENT SERVICES REPORT



Math Science Expedition 2016

This year, we celebrate the 12th Annual Math Science Expedition. There were 17 students that completed the program - 11 students from Aniak, 2 from Kalskag, 1 from Crooked Creek, 1 from Sleetmute and 2 from Stony River. Students were engaged in approximately 6 hours of classes each day. Studies encompassed hands on Fish Biology, First Aid/CPR certification, and Leadership Development. Instructors included Tony Wilson, Todd Boynton, Sue Hoeldt, Dave Cannon, Janessa Esquible, Jared Thorson, and Erich Kuball. Students also focused on social development, work ethic and daily group chores. Renfro Air provided

the transportation from each village to Bell Creek. Community members Jim Boelens, Dan Gillikin, Joe Kameroff, Nick Zito, Archie Morris, Eddy Hoeldt and Randy Hoeldt picked everyone up about 20 miles up the Aniak River and took us home utilizing their boats. Great times and hard work were had by all involved. Using the scientific process, students identified 1500 juvenile salmon at 5 different stations, measuring the lengths and weights of each. They also studied the condition of the river at each station gathering water quality, temperature, and other factors which help determine the health of the salmon fry. Doug Molyneaux is coordinating efforts to take the data gathered and offer it to various organization such as UAA and the department of Fish & Wildlife to develop further. He is also providing the data to other school districts for science fair projects. He is offering cash incentives to Kuspuk students and science teachers to further take the data and develop it into science fair projects. Additionally, he is also planning to come to elementary schools in the village to provide a simulation of the experiments on the Math/Science Expedition in the classroom. Doug, as well as Dave Cannon and Dan Gillikin's efforts in this project and the HS Summer internship have been most appreciated and have made a motivating impact in caring for the rivers and streams feeding the Kuskokwim region.



George River Internship

Ten high school students from Aniak, Kalskag, Crooked Creek and Sleetmute participated in the George River High School Internship program in late July. Through the efforts of Dan Gilikan, Dave Cannon, EXCEL Alaska, and funding provided by the US Department of Fish & Wildlife - Office of Subsistence, these students earned credits in science. They learned sentinel & synoptic measurements such as locating monuments, surveying cross sectional profiles, conducting Wolman pebble



counts, measuring stream velocity and calculating discharge, collecting water quality point measures, conducting juvenile depletion trapping, measuring length and weights of Juveniles, collecting aquatic invertebrates and riparian vegetation.

Students also spent time at the George River Weir where they had a more in-depth experience with Fish & Wildlife Technician, Amanda Hoeldt.

In addition to the internship, students utilized their leadership skills to run a two week camp based on their previous experiences on the Math/Science Expedition. Students were paid for the efforts and were provided science credits in River Systems Ecology.



For the second time we offered Summer Camp at Kenai Peninsula College this year. This years 4-week camp enrollment was increased to 62 students (14 KSD). KSD students included Kalskag, Aniak, Chuatbaluk, Crooked Creek, Sleetmute and Stony River.



. Over all Summer XL 2016 Camp Completion Numbers:

- Drivers License - 22 students (3 KSD)
- Drivers Permits - 18 students (4 KSD)
- UA Welding Class Credits - 16 students (6 KSD)
- UA Process Tech. Hand Tools Credits - 9 students (1 KSD)
- ETT Certified - 20 students (3 KSD)
 - All day ride along with the fire department - 9



- students
- Carpentry National Core Certified - 17 students (4 KSD)
 - Built 2 - 10 x 12 sheds - 17 students
- High School Credit
 - 0.5 credits for Drivers Education - 36 students (6 KSD)
 - 0.5 credits for either:
 - Career Development Life Work Planning (grades 9-10) -24 students (4 KSD)
 - Employability Skills Advanced Job Readiness (grades 11-12) - 4 students (1 KSD)
- Enrolled in College or Internship or Employed:
 - Kenai Peninsula College - 2 students
 - Delta Mine Training Center - 3 students (2 KSD)
 - AVTEC - 1 student
 - Alaska Job Corps - 2 student (1 KSD)
 - Amundsen - 1 student
 - Employment - 2 students
- Drug, Alcohol, and Suicide Prevention Training - 57 students (13 KSD)
- Leadership Training - 57 students (13 KSD)
- Workplace Safety Training - 57 students (13 KSD)
- Employability Skills Training - 57 students (13 KSD)
- 27-days of "Taste of College/Campus Life - 57 students (13 KSD)
- Independent/Financial Living Skills Training - 57 students. (13 KSD)





Graduation Invitation

Introduction to Surface Mining Graduates

June 6, 2016 - 10:45 am

Please Join MAPTS, University of Alaska and EXCEL Alaska in celebrating our students who participated in this course.

LIVE BROADCAST
facebook.com/MAPTSU

UNIVERSITY of ALASKA
Many Traditions One Alaska

MAPTS - Surface Mining Internship

Through application, hard work and perseverance, ten EXCEL Alaska students applied and were selected to participate in EXCEL/Delta Mine Training Center Capstone. Students from Kuspuks and other partner districts were recommended by the EXCEL Alaska program to participate in this training. The Surface Mine Training Camp is 140 hours comprising 14 ten-hour work days. In addition to a compliance course for MSHA's Part 48 Inexperienced Newly-Employed Miner and Basic First Aid and CPR, students learned mining terminology, communication techniques, signaling, equipment inspections and light maintenance duties that are all a part of a surface mine operator's job.





Thorough Tec simulators, which are also used in the underground training were utilized in the surface training, with the cabs switched out for the appropriate (or near approximation) of the actual equipment on site. The instructors guided the students through a demanding set of criteria to develop an operator that is safe and alert with a high level of confidence that only MAPTS training provides. After completing the simulator training and passing the proficiency exams, each student quickly moved on to operating the heavy equipment.

MAPTS driving track and arena was challenging and required a high level of attention to situational awareness. Students learned how to use radios and signals to communicate effectively and safely with other operators, vendors and persons working and navigating around within the surface quarry and driving arena.



Once students completed the rigorous 2-week surface mine training, they were paired up with an industry partner for a 2-week paid work internship, including companies such as Granite Construction, Brice Construction, Tunisia Construction, Brice Environmental, and STG. Students worked in places from Prudhoe Bay to Seattle Washington. It was the capstone event of various EXCEL Alaska programs offered to these graduates over the past year.

