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# STUDENT SERVICES REPORT



## Math Science Expedition 2018

This year, we celebrate the 14th Annual Math Science Expedition. There were 24 students that completed the program. Participants included 10 students from Aniak, 5 from Kalskag, 4 from Sleetmute, 6 from Bethel. Students were engaged in about 6 hours of classes each day. These included hands on Fish Biology, Wilderness First Aide, and Leadership Development. Instructors included Tony Wilson, Ashley Glasheen, Sue Hoeldt, Ken Harper, Dave Cannon, Kattie Hoeldt, David Hoeldt, Walter Lee as well as myself. Students also focused on social development, work ethic and daily group chores. Renfro Air and KuspuK School District provided the transportation from the villages to Bell Creek. Community members Jim Boelens, Dan Gillikin, Eddy Hoeldt, Al Kvamme, LaMonte Albertson,, Archie Morris, picked us 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. Students primarily using the scientific

process identified 1500 juvenile salmon at 4 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 has already been coordinating efforts to take the data gathered and offer it to various organizations such as UAA and the department of Fish & Wildlife to develop further. He has started to meet with Kuspuk students to prepare Science Fair projects based on the data gathered on the expedition. He is also planning to come to elementary schools in the villages to provide a simulation of the experiments on the math science expedition in the 5th and 6th grade classrooms in a program called the MSE Simulation. Doug Molyneaux, Dave Cannon, Ken Harper and Dan Gillikin's efforts in this project have been most appreciated and have made an impact on motivation in caring for our rivers and streams which feed the Kuskokwim. We are currently seeking funding for Kuspuk School District to continue to continue these efforts by reapplying for the Partners Grant with the Alaska Department of Fish & Game. Also note that Sue Hoeldt has been involved with the MSE program since 2006 and has been integral in its planning and implementation.



# George River Internship

Twelve high school students from Aniak, Kalskag, Crooked Creek, and Sleetmute participated in the George River High School Internship program in late July. Thanks to the Native Village of Napaimute, Dan Gillikin and EXCEL Alaska for their efforts to this program. Also thanks for the funding provided

by the US Department of Fish & Wildlife - Office of Subsistence. These students earned credits in science. Students 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 Amanda Hoeldt, the Fish & Wildlife technician who was working there at the time.

In addition to the internship, students utilized their leadership skills to run a 10 day 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. I will note that more and more KSD students who have completed the MSE and GRI programs are now working for Fish & Game and Native Village of Napaimute.

Students needed to apply for the opportunity, completing an application, resume, cover letter and needed to have recommendations to be accepted.



# Summer XL and Capstone

Summer XL and Capstone. EXCEL Alaska completed the Summer XL Camp, which was a 28-day relevant, hands-on intensive, learning camp held at Kenai Peninsula College and Alaska Christian College. Twelve Kuspuk students stayed on campus for the 4 weeks to experience dorm life and prepare them for their future. Students assessed themselves each night on the YES Employability Standards, and were in class for 6 hours each day. Students had the ability to choose from Firefighting, ETT, Welding, Carpentry, Certified Nurses Assistant, or Aviation. Students also had the opportunity to complete Drivers Education and received their instructional permits. Two Aniak graduates (Alyssa Morgan and Pearl Morgan) stayed an extended time to complete the CNA program through Kenai Peninsula College. One Kalskag student (Kristen Levi) stayed on to complete an Aviation program through Land and Sea Aviation.

Other activities during Summer XL, include physical training, outdoor leadership, post secondary planning and preparation. For seniors, the program was tailored to individual needs. This is now the 5th summer camp that EXCEL Alaska has offered to Kuspuk students.

The Capstone began in May. Aniak graduate (David Hoelddt), Kalskag senior (Robert Wise) and Stony River graduate (Tyrel Gusty) completed the surface mining program through MAPTS. These students also went on to complete internship programs through Brice Construction, Yukon Equipment and STG. All were offered continued training and employment after the internship ended.

Overall, Kuspuk students have had many opportunities with EXCEL Alaska and Kuspuk School District.



**Current Count as of 09/07/2018**

	PK3	PK4	K	1	2	3	4	5	6	7	8	9	10	11	12	Total in Blg	OASIS Count
AMNES	6	9	8	6	10	13	14	15								81	66
AJSHS									12	6	10	5	4	4	5	46	46
<b>Total Aniak</b>	<b>6</b>	<b>9</b>	<b>8</b>	<b>6</b>	<b>10</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>12</b>	<b>6</b>	<b>10</b>	<b>5</b>	<b>4</b>	<b>4</b>	<b>5</b>	<b>127</b>	<b>112</b>
CVSS	1	2	3	2	5	2	6	2	0	1	2	0	0	1	1	28	25
JJSS	1	3	0	3	2	1	1	2	3	3	0	2	1	1	0	23	19
JESS	1	3	1	4	2	2	1	3	0	1	1	0	0	0	2	21	17
GMS	1	1	0	2	3	1	4	3	0	0	0	0	1	0	0	16	14
<b>Total UpRiver</b>	<b>4</b>	<b>9</b>	<b>4</b>	<b>11</b>	<b>12</b>	<b>6</b>	<b>12</b>	<b>10</b>	<b>3</b>	<b>5</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>88</b>	<b>75</b>
JOGES	6	15	14	16	15											66	45
ZLES						11	14	19								44	44
GMSHS									14	5	6	16	8	8	11	68	68
<b>Total Kalskag</b>	<b>6</b>	<b>15</b>	<b>14</b>	<b>16</b>	<b>15</b>	<b>11</b>	<b>14</b>	<b>19</b>	<b>14</b>	<b>5</b>	<b>6</b>	<b>16</b>	<b>8</b>	<b>8</b>	<b>11</b>	<b>178</b>	<b>157</b>
<b>Total District</b>	<b>16</b>	<b>33</b>	<b>26</b>	<b>33</b>	<b>37</b>	<b>30</b>	<b>40</b>	<b>44</b>	<b>29</b>	<b>16</b>	<b>19</b>	<b>23</b>	<b>14</b>	<b>14</b>	<b>19</b>	<b>393</b>	<b>344</b>
Sub Totals	<b>49</b>		<b>239</b>						<b>105</b>								
	<b>PK Total</b>		<b>K-6 Total</b>						<b>7-12 Total</b>								

**Compared to count last year on 10/3/2017**

	PK3	PK4	K	1	2	3	4	5	6	7	8	9	10	11	12	Total in Blg	OASIS Count
AMNES	10	8	7	10	16	12	14	11	6							94	76
AJSHS										9	11	3	8	6	14	51	51
<b>Total Aniak</b>	<b>10</b>	<b>8</b>	<b>7</b>	<b>10</b>	<b>16</b>	<b>12</b>	<b>14</b>	<b>11</b>	<b>6</b>	<b>9</b>	<b>11</b>	<b>3</b>	<b>8</b>	<b>6</b>	<b>14</b>	<b>145</b>	<b>127</b>
CVSS	1	3	2	4	1	4	3	0	1	3	1	0	0	1	0	24	20
JJSS	4	1	4	4	1	2	2	2	2	0	2	1	2	0	0	27	23
JESS	3	1	5	2	2	1	2	0	1	1	2	0	0	1	0	21	17
GMS	1	0	2	3	1	4	2	0	0	0	0	1	1	0	0	15	14
<b>Total UpRiver</b>	<b>9</b>	<b>5</b>	<b>13</b>	<b>13</b>	<b>5</b>	<b>11</b>	<b>9</b>	<b>2</b>	<b>4</b>	<b>4</b>	<b>5</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>87</b>	<b>74</b>
JOGES	13	13	17	17	12											72	49
ZLES						14	17	16								47	47
GMSHS									5	7	13	11	12	7	5	60	60
<b>Total Kalskag</b>	<b>13</b>	<b>13</b>	<b>17</b>	<b>17</b>	<b>12</b>	<b>14</b>	<b>17</b>	<b>16</b>	<b>5</b>	<b>7</b>	<b>13</b>	<b>11</b>	<b>12</b>	<b>7</b>	<b>5</b>	<b>179</b>	<b>156</b>
<b>Total District</b>	<b>32</b>	<b>26</b>	<b>37</b>	<b>40</b>	<b>33</b>	<b>37</b>	<b>40</b>	<b>29</b>	<b>15</b>	<b>20</b>	<b>29</b>	<b>16</b>	<b>23</b>	<b>15</b>	<b>19</b>	<b>411</b>	<b>357</b>
Sub Totals	<b>58</b>		<b>231</b>						<b>122</b>								
	<b>PK Total</b>		<b>K-6 Total</b>						<b>7-12 Total</b>								