

Kali Highlighted School Report

March 2019



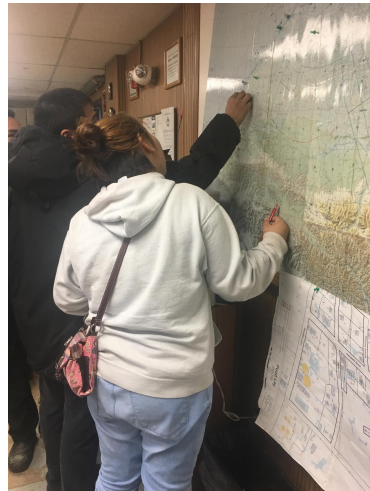
Site Initiatives

- 1.2.6 & 1.5.5- Site Project-Based/Experiential Learning, Site Alternative Programming:
- 1.2.7- Site Hands on Learning Activities & Programs:
- 1.3.4 & 1.3.5- Site Cultural Camps, Site Cultural Integration Activities:
- 1.4.8- Site Progress Monitoring/Data Driven Instruction:
- 1.6.9- Expand CTE offerings as relevant to each site:
- 2.1.3 Site Staff/Community Integration:
- 2.2.2 Community in the school:
- 2.5.1 Site K3/K4 Programs:
- 3.3.5 Site Staff Development & Retention:
- 5.1 Develop the systems by which to inspire, develop, and recruit local teachers
- 6.4 Ensure safe, modern, and high-performing learning facilities



BUILDING TEACHERS AND LEADERS

- We have a dedicated cohort of staff at Kali that are working their way towards a teaching certificate.
- This cohort is made up of very dedicated residents who want to become teachers despite the many hurdles that they face!
- At Kali School we are very interested in putting every possible resource into this team of local staff who are working towards taking this very important step.



NEW ACADEMIC PROGRAMS

- Excellence in Writing
 - 1st-12th
- Renaissance
 - Star Math
 - Star Reading
- Edgenuity
 - 3rd-12th
- Pilot Math Programs
 - Bridges
 - Glencoe



CULTURE CAMP/CULTURAL UNITS

- Mapkuk units
- Tuttuliaq
- Fish Camp (niksiksiuq and ilhuagniq)
- Nigliq Hunting
- Akpik picking (school wide)
- Tribal Government
 - Middle School Students were part of a joint unit on Tribal government taught by their teacher and also by our tribal council president. This unit is currently being refined and will be added as a new Mapkuq unit.
- Arctic survival/Safety taught by local hunters and Illisagvik



A WORLD BRIDGE

Students focused this semester on:

- Unmanned Aircraft and GIS systems
- Water quality testing
- Cabin Construction
- Tribal Government
- Food Security
 - Hydroponics



A WORLD BRIDGE

Cabin Project:

- Construction of a public use cabin to be used by:
 - Search and Rescue
 - Community members as a warming hut
 - School field trips and culture camps
 - Cross country ski base
 - School Trapline base
- Gained permission and help from local tribal council
- Collaborative project with community members and organizations



A WORLD BRIDGE

Hydroponics:

- Students learned about food security by starting up a hydroponic system.
- Students have had to overcome several design hurdles with the hydroponic system, and have been learning about teamwork and perseverance in this system.
- Currently the hydroponic team is starting to investigate where to grow the hydroponic system to start creating more substantial amounts of veggies for the lunch program



CTE PROGRAMS

- Kali School has had a strong focus on creating job skills. We are currently working hard to meld our CTE programs with our core academics as we strive to provide purpose to our academic learning.
- Students are studying NCCER coursework during ELA
- Students have been learning construction math during math time.
- Students are receiving dual credit with Illisagvik as they receive NCCER certifications.



CTE: CONSTRUCTION

- Students are currently working through the NCCER core certification courses.
- Upon completion of the Core program they will begin to work through construction level 1
- Phase 1:
 - Prototype/mobile 8x8 cabin
 - This spring students are starting to plan phase 2 of their construction project. This will be designing and building a 12'x16' cabin to be used for the community and school field trips and culture camps
- Phase 2:
 - 12x16 permanent school cabin



CTE: CERAMICS

- Students have learned:
 - Pinch Pots
 - Coil Pots
 - How to throw on the wheel
 - Students were able to create holiday gifts for their families
- We look forward to experimenting with local clays when things melt. We have a few areas picked out to try!



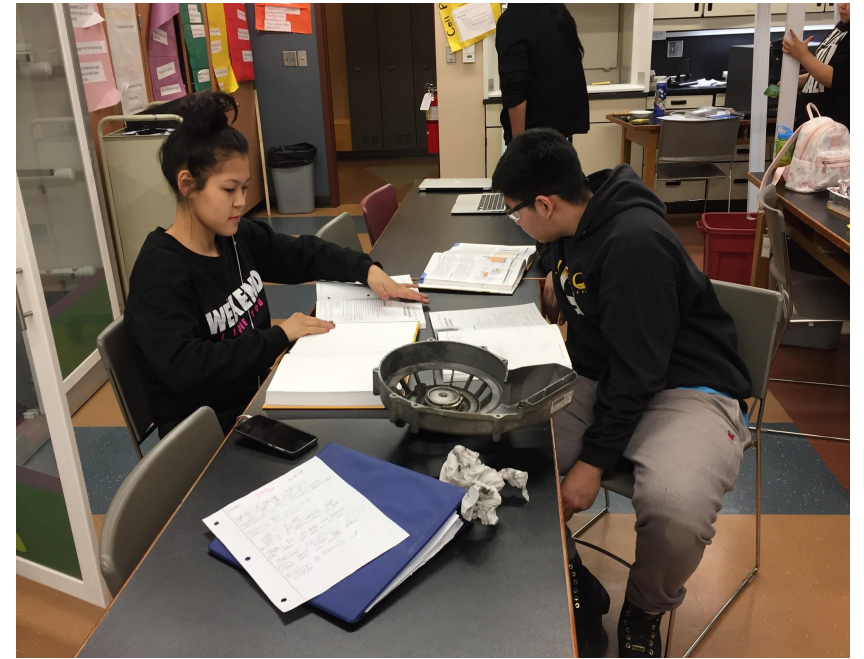
CTE: AVIATION

- Currently there are 10 students who are working their way through FAA Ground School
- Partnering with Civil Air Patrol
- We are currently looking at how to purchase a flight simulator for the students to begin logging flight hours on following the successful completion of Ground School.



CTE: SMALL ENGINES

- Students have been following district small engines curriculum
- Local Machine Projects
- Each student has been able to tear down and engine
- Currently students are learning all about the carburetor
- This is made possible with district CTE support as well as the flexibility of our maintenance department in allowing one of our maintenance workers to assist in the teaching of the course.



CTE: ENTREPRENEURSHIP

- Kavvik Pizza Parlor started up in January and is a student run pizza restaurant that is part of our student store. The students offer pizza for sale once a month. They take orders over the VHF and make deliveries by snowmachine.
- Students have all received their food handlers card during culinary arts, and recently completed their logo and earned how to produce the logo in the STEAM lab. Thanks to our cook Burt and ELA teacher Mr. Armstrong for helping out!



CTE: INTENSIVES

- Kali students have completed two intensive weeks this semester.
- During these intensive weeks, students have studied:
 - Music
 - Culinary Arts
 - Construction
 - Ceramics
 - Wilderness First Aid
- These intensives happened in large part due to the support of our district CTE programs lead by Mark Roseberry.





CTE: SCIENCE PATHWAY

- Students participated in modern science exploration hand in hand with professionals this fall
- Students were able to work with Walrus scientists this fall conducting carcass surveys



CTE: SCIENCE PATHWAY

- Students were able to assist with a Caribou Migration Study outside of Ambler with the Onion Portage.
- Following the 4 day campout, students were invited to Anchorage to present to the scientists at US Fish and Wildlife on the work that they did.



CTE: MAKER SPACE/STEM

- Kali Staff participated in a very busy day of STEM training in Anchorage in January at:
 - Cook Inlet Tribal Council Makers Space
 - UAA college of Engineering
 - Civil Air Patrol

- Currently Staff and students are learning about modern fabrication methods through our vinyl cutter, laser etcher/cutter, and are anxious to finish assembly of our newest addition to our STEAM lab, the X-Carve, a CNC Router.



CURRENT EXTRACURRICULAR PROGRAMS

- Girls Basketball
- Boys Basketball
- Mix 6 volleyball
- Cross country
- Fat tire bikes/school bike shop
- Hunting
- School Trapline
- Skin Sewing
- Open Community woodshop
- Lego robotics
- Book Fairs





NEW EXTRACURRICULAR PROGRAMS

- After school art classes
 - Students are utilizing district art kits as well as our ceramics space
- Student Council
- Cross country ski club (with lots of help from Skiku)
- Middle school basketball team
- Little dribblers



RURAL/URBAN SCHOOL EXCHANGE

- This spring we will be sending 5 students to Juneau to learn about what school is like there, how our state government works, and also what life is like for a kid in Juneau. Then a group of 5 students from Juneau will spend a week in Pt. Lay learning about what Pt. Lay is like, how the government works, and what school is like for Pt. Lay students.
- Students who are participating in this program are putting in lots of after school hours becoming experts on Pt. Lay so that they can be good hosts to their visitors, and teach them about their home.





RIVERS OF KINDNESS

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MLK^{JR.} HAD A DREAM.



WHAT'S

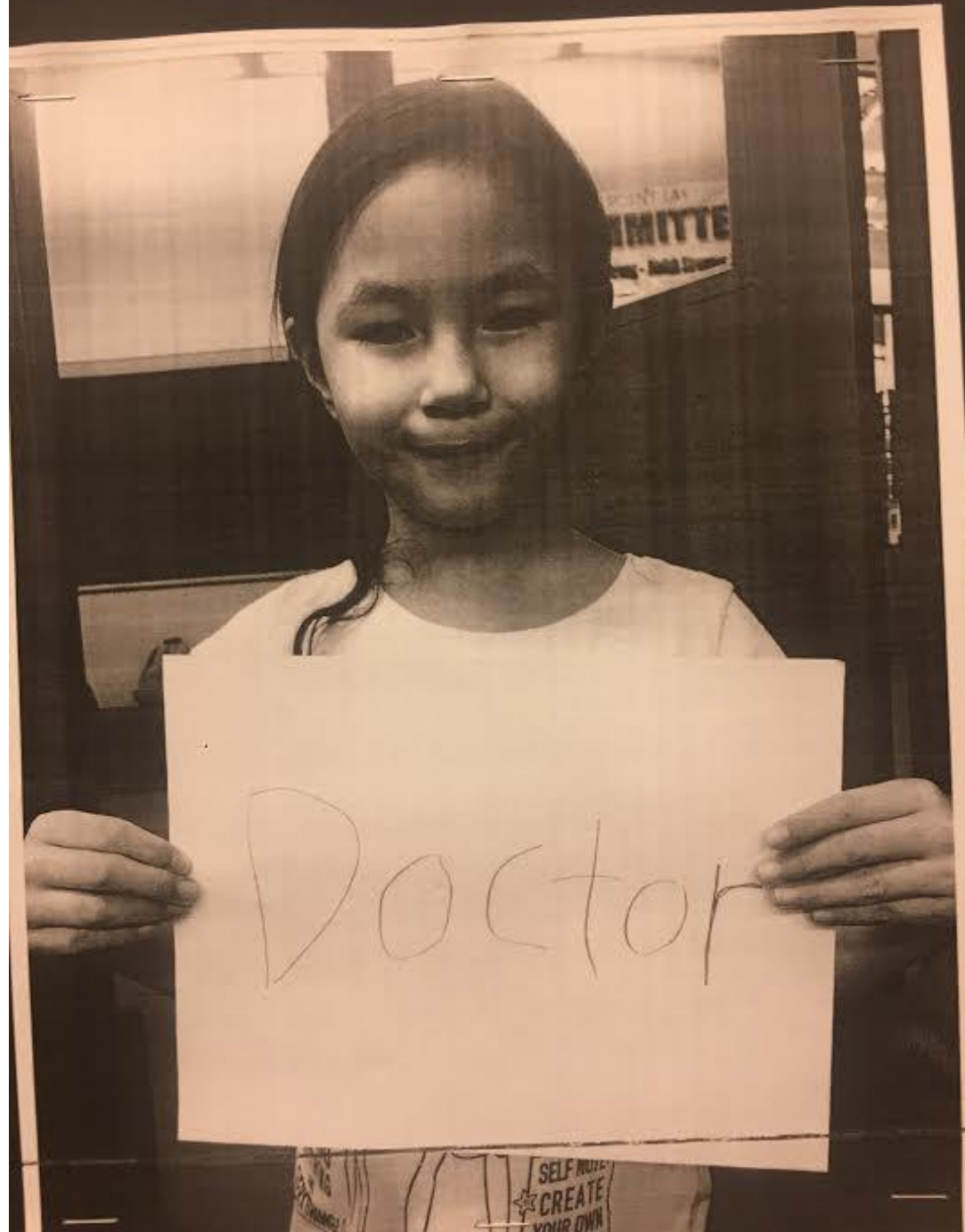


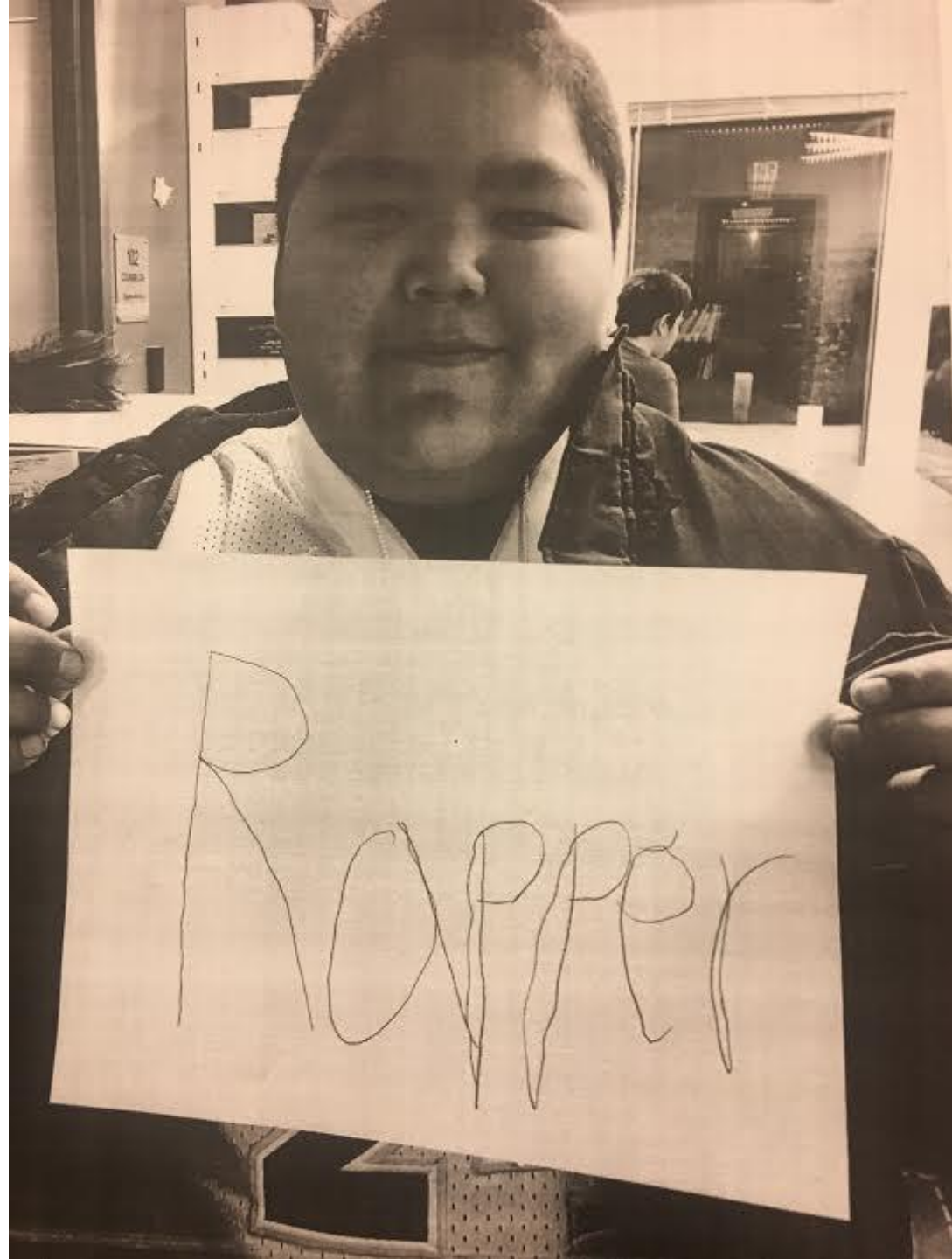
YOUR

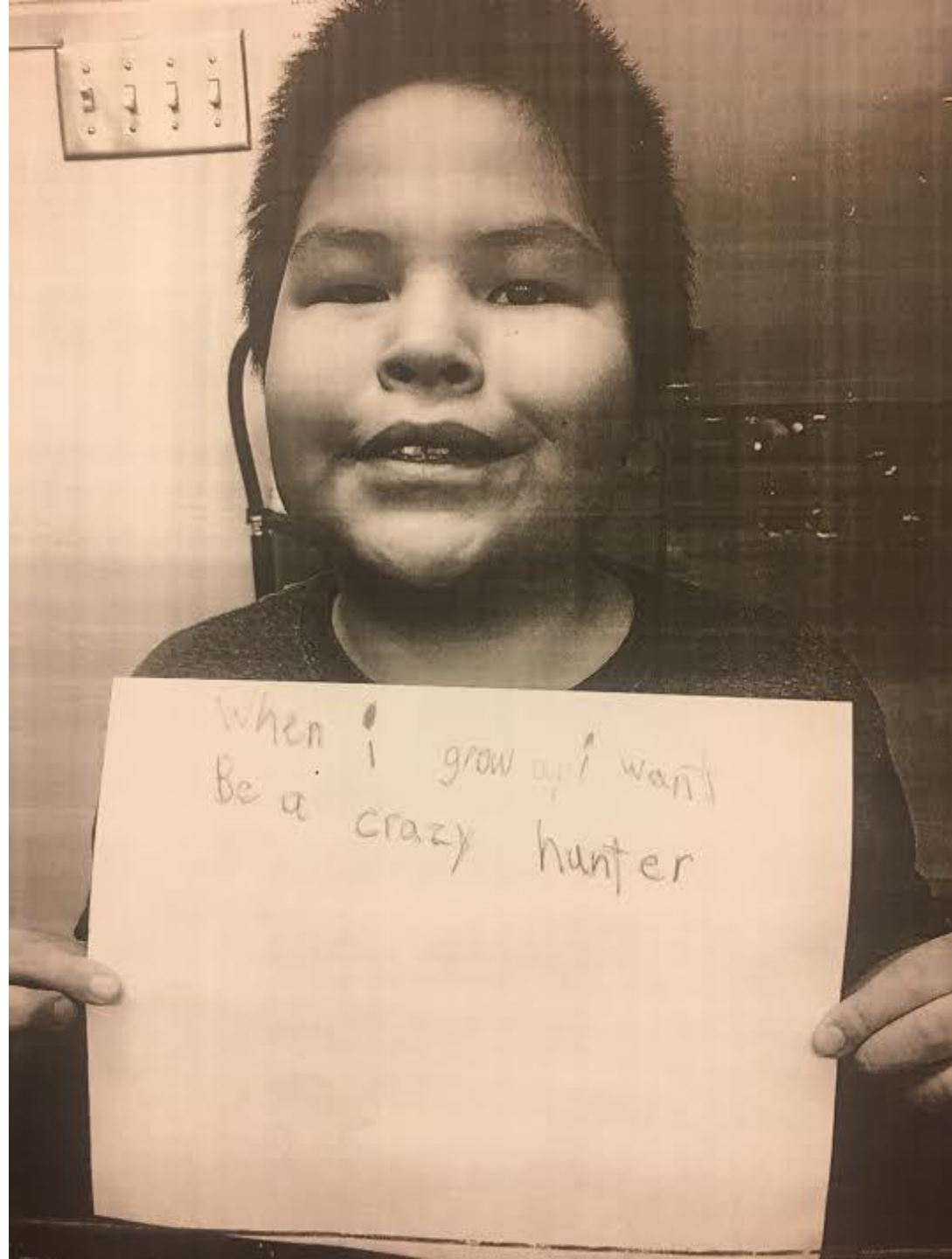


DREAM?



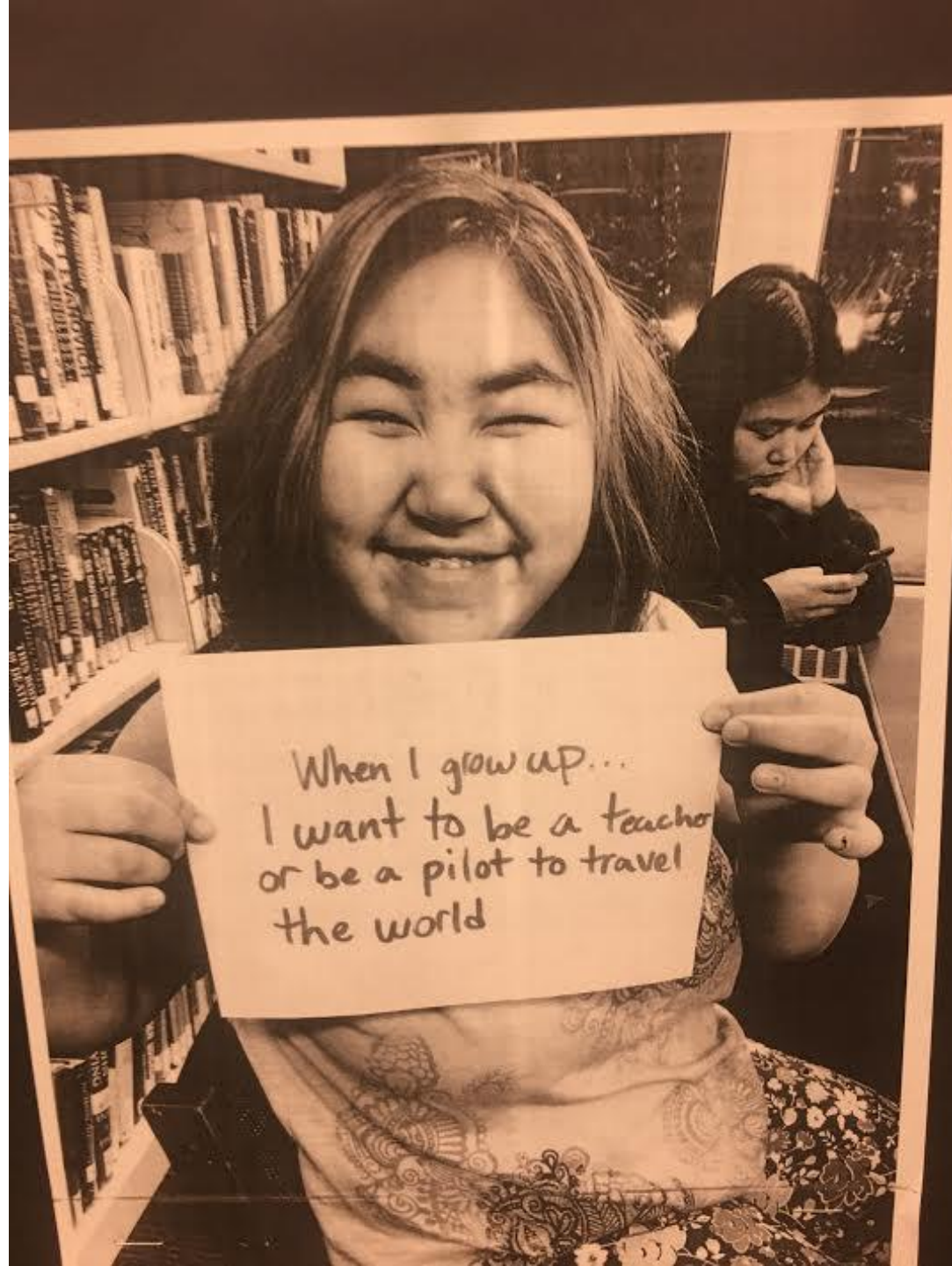






When i grow up i want
to be a crazy hunter





When I grow up...
I want to be a teacher
or be a pilot to travel
the world

