



Upstream Academy

What is Upstream Academy?

Group of STREAM Focused Camps

- **Science, Technology, Relationships, Engineering, Arts, and Mathematics**
- **For Title VI and Migrant Students**
- **Those at or below grade level**



What do we do at Upstream?

- **Pair the students with an up-and-coming technology**
 - One that could be a contender in the future
 - Learn the tech and problem solve through the issues



Why do we do this?

Students today:

- Will likely have 5-7 different careers
- Need to be able to think critically and problem solve

Helps them see their part in the future!



Upstream STEM Vision – 5 year plan



1: Upstream Middle School Academy (drone tech)

2: Upstream Ultra (medical tech)

3: Upstream High School (STEM based - neuroscience tech)

4: High School Math and Science Electives and
Summer Internships (Applied Archaeology)

- Helping students plan for a STEM future

5: Post Graduation Plan - Campus visits

- Scholarship Opportunities

Upstream Academies

Level One - Upstream Middle School Academy

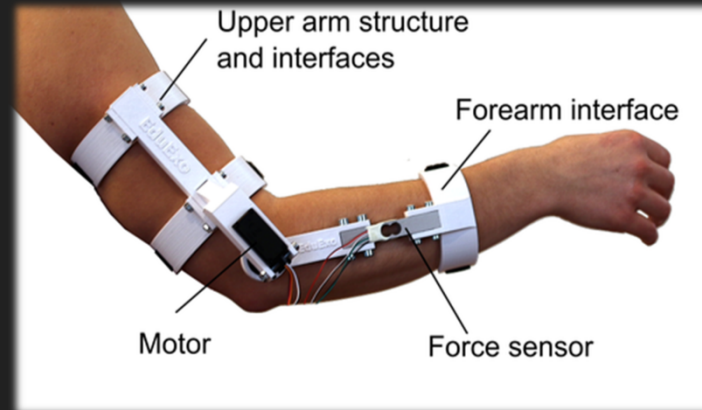
Drone Technology (October and June)



Level Two - Upstream Ultra

Medical Technology

(February) <https://www.beyond-robotics.com/eduexo/>



Upstream Partners

K'Beq Cultural Center

Yaghanen Youth Center

Dena'ina Wellness Center

Yinihughelatani Program

Alaska State Troopers

Kenai National Wildlife Refuge





Life Skills Academy

Need for life skills training

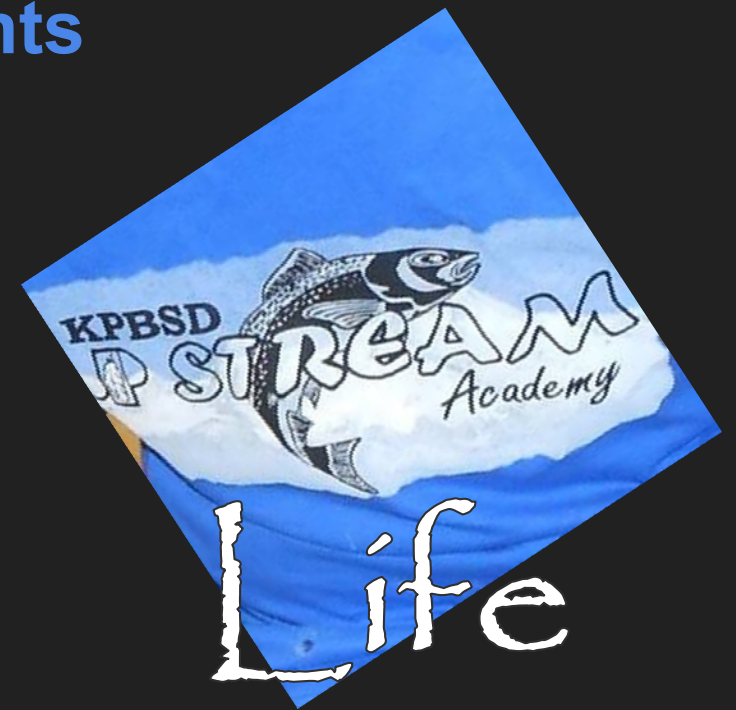
- Students in Transition
- Foster Care
- Economically Disadvantaged
- Likely to Drop Out



Upstream Life

For At-Risk High School Students

- Independent Living Skills
- Job Skills
- Human Trafficking
- Emotional/Behavioral Health



Upstream Life

Prospective Partners

- Job Corps Alaska
- Priceless Alaska
- Cook Inlet Tribal Council
- Sen. Lisa Murkowski's Office
- Brightways Learning
- Covenant House Alaska



Who Benefits from the Academies?

May 2017- June 2018

- **106 Middle School Students district-wide**
- **16 At-Risk High School Students**
- **Chaperones/Teachers - bringing STEM back to their classrooms**

How You Can Help

Let us know if there are cultural activities/lessons that you would like to share with our students.

- High area of need: Arts



Plan For:

Upstream Middle School and Upstream Ultra

- 36 middle school students
- 1-2 hour sessions

Upstream Life

- 16 high school students
- 1-2 hour sessions



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