



ANSEP

ALASKA

NATIVE

SCIENCE &

ENGINEERING

PROGRAM

Quantitative and Qualitative External Evaluation



Hamutal Bernstein
Carlos Martín
Lauren Eyster
Theresa Anderson
Stephanie Owen
Ananda Martin-Caughey

Building Alaska's Science and Engineering Pipeline

Evaluation of the
Alaska Native Science
& Engineering Program



ANSEP Components

MIDDLE SCHOOL ACADEMY

6th, 7th, and 8th grade

STEM CAREER EXPLORATIONS

Returning Middle School Students

ACCELERATION ACADEMY

8th - 11th grade

SUMMER BRIDGE

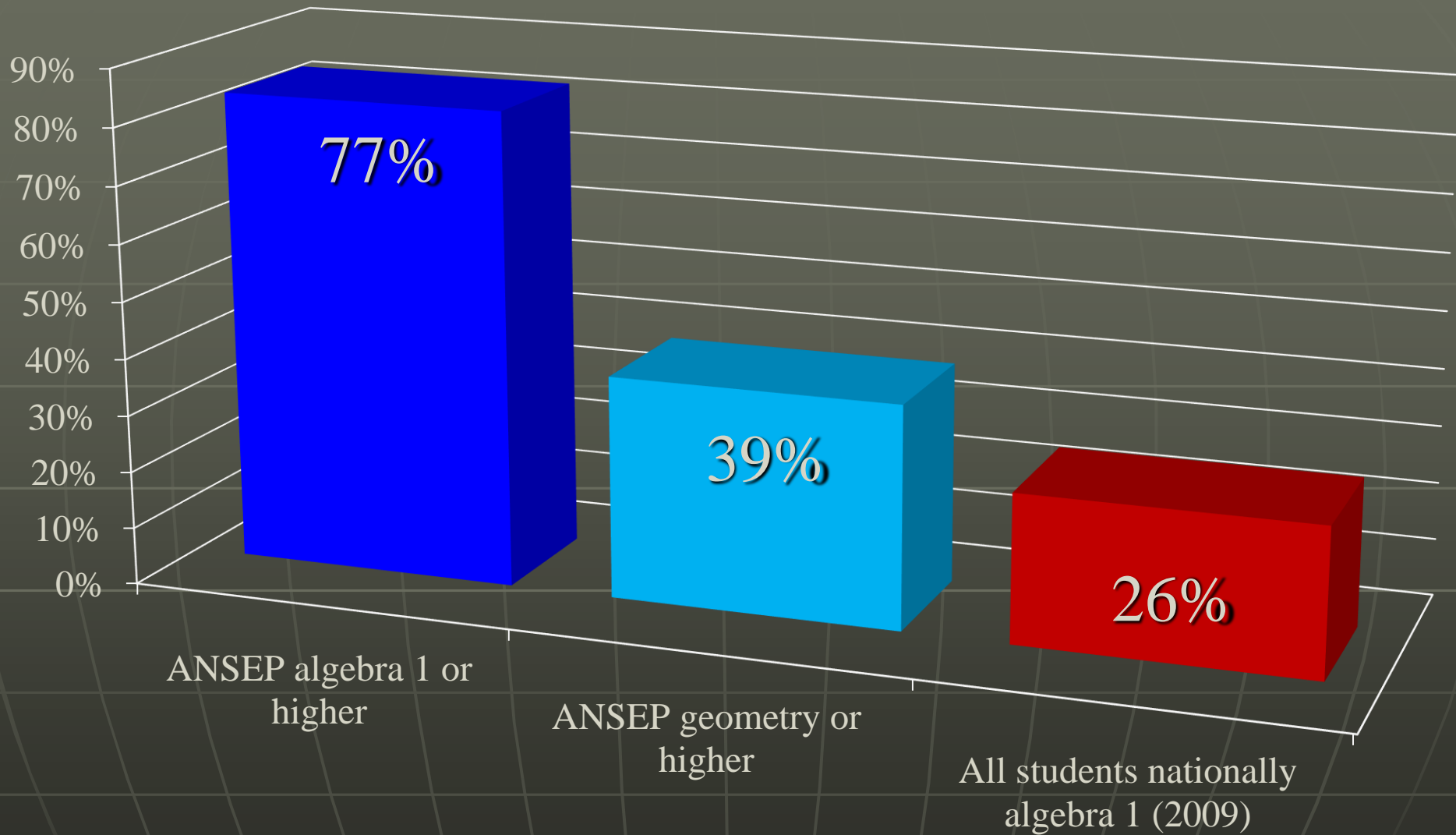
Incoming University Freshman

UNIVERSITY SUCCESS

University Students

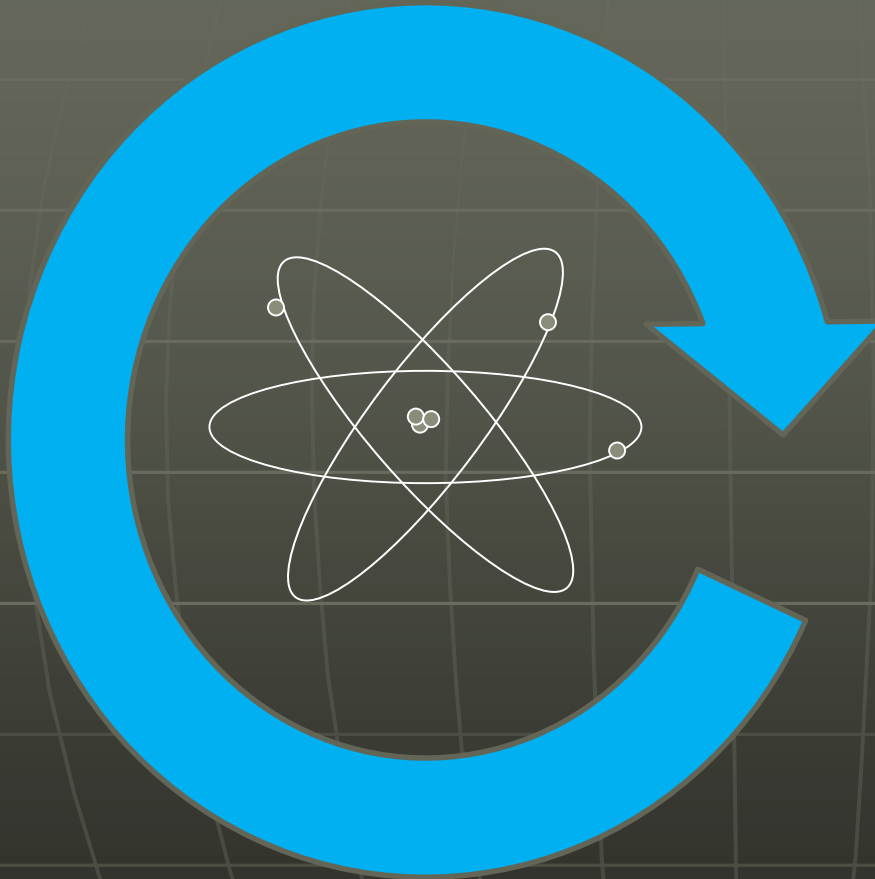


ANSEP 8th Grade Math Completion



ANSEP High School Acceleration Academy

Advanced Academics and Career Exploration



95%

of students advance 1
level or more in math or
science each summer



ANSEP Summer Bridge

*Building a Strong Foundation for
University and Professional Achievement*



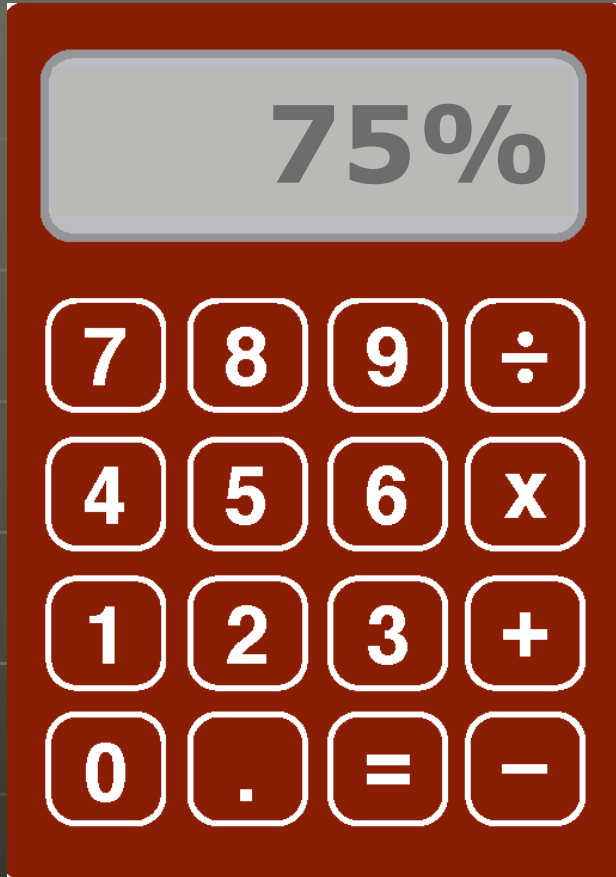
95%

of students successfully
transition to science or
engineering BS degree
programs

Participants 1998 - 2014



ANSEP University Success



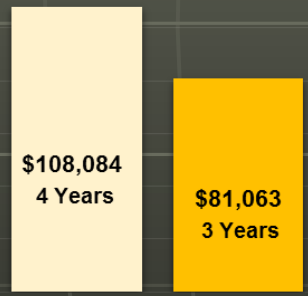
Percentage of ANSEP students who have graduated or are currently enrolled

MT. EDGECUMBE ANSEP ACCELERATION HIGH SCHOOL



\$5.9 Million
Annual savings
to the State of
Alaska
By serving 400
students
each year

State of Alaska
General Fund Cost Per
Student to
Graduate from HS¹



■ Current Mt. Edgecumbe HS
■ Mt. Edgecumbe ANSEP Acceleration HS

State of Alaska
General Fund Cost Per
Student for
the University of Alaska²



■ Current Mt. Edgecumbe HS
■ Mt. Edgecumbe ANSEP Acceleration HS

University Credits by HS Graduation

46 BS Science or
Engineering

39 BBA Management

39 BA Elementary
Education

29 BS Psychology