




Nerds of the North

in Numbers 2021 edition

"We strive to promote STEM education, encourage FIRST participation in younger generations, and blaze a trail in the engineering world. Our mission is to empower and inspire the future generations of Alaskan engineers, chemists, biologists, architects, astrophysicists, and leaders in the expanding STEM universe. We strive towards this goal every day: through literacy, through inclusion, through opportunity, and through education."


Team Overview



15 Students
Who are enrolled on our team
Down 58% from last year



6 Schools
Represented on our team
Down 54% from last year




1438 Miles
Typically flown to competitions *




377,191 Miles²
The total area covered by all team members**


Team History




20 Years
Since our team was founded



260+ Students
Have been on the team



7 Teams
Alaska once had in FRC (We are now down to 1)




31 Events
Travelled to in the last 20 years

Outreach Impact



20 Events
That we have conducted outreach at
Up 100% since 2018



12 Resources
We have developed for FIRST teams and to encourage STEM in the community



8,000 People
Impacted by our outreach over 3 years



927 people
Impacted by our team's outreach his year.

Encouraging Literacy




Lowest Reading Score
Alaska's 4th graders have consistently scored lowest in the nation in reading ***



4 Published Books
As completed projects, with 6 more in progress
Up 300% from 2018




Up 14% since 2018
370 Children
Who we have read our Riley Robot books to this year




3 Languages
Our book has been translated into, including 2 Alaska Native languages

Members




73% Members
Are currently enrolled in both FTC and FRC
Up 120% from 2018



33% Rookies
Are new to FRC and new to our team



20% Women
Decreasing the gender gap in STEM fields
Up 33% since 2018



73% STEM Driven
Planning to pursue STEM degrees and careers

• Distance from Travelmath.com, Anchorage AK to Seattle WA
 ** Distance from Travelmath.com, Area between Fairbanks, Anchorage, Moose Pass, and Ohio
 *** According to The National Assessment for Educational Progress