



NORTH SLOPE BOROUGH SCHOOL DISTRICT

MEMORANDUM

TO: Roxanne Brower, President
Members of the School Board

THROUGH: Kathy Ahgeak, Superintendent

THROUGH: Ronnie Stanford, Assistant Superintendent

FROM: Mark Roseberry, Director of CTE

DATE: January 30, 2020

SUBJECT: RLC/CTE Pilot Course Information

MEMO: (Informational Item)

NSBSD Strategic Plan Goal:

1.6 QATQIÑÑIAGVIK (CAREER LEARNING PROGRAM): Design a career learning program expanding educational opportunities that connect students to careers; Implement the CTE 5-Year Plan.

Background:

The NSBSD board has a strategic plan goal to develop Career/Tech Education (CTE) programs from elementary through high school. This spring we have 4 pilot courses/programs support CTE in elementary, middle school and high school. The following is a summary of those pilots:

- **Project Lead the Way Launch-** Elementary focus- This program offers Science, technology, engineering, mathematics (STEM) related projects designed for Pre-K through 5th grade. Each module in the Launch program offers STEM projects and hands-on experiences based on applicable standards for each grade.
- **Paxton Patterson Career Exploration modules-** Middle School Focus- Each module in this career exploration program, provides hands-on experience in a specific career area. Each module takes 2-3 weeks to complete. Students get experience in a variety of different career experiences such as construction, health care and veterinarian. This will help them determine career areas that they like or dislike.
- **Intro to Engineering-** High School Focus: This course is being piloted this year and is adapted from a college prep course taught at Utah Valley University. This course will introduce students to multiple types of engineering such as civil, mechanical, architectural, robotics, electrical, petroleum. Students will learn about each type of engineering through a variety of instructional strategies that include hands-on experiences.
- **Inspire-** This program is designed to supplement coursework in Arctic Home Economics, health courses and leadership. The supplemental program is not specific to any one course. We have just started to review the materials to determine how it could be incorporated into existing courses.