



K12 SWP Problem Statement and Project Objectives EXAMPLES

Following are examples of how an applicant might capture their Problem Statement and Project Objectives within the given character count limits. The following is not offered as exemplars but as examples of the level of detail to be considered.

Your final Problem Statement and Project Objectives will be entered directly into the NOVA platform.

1. Problem Statement

Provide a brief Problem Statement that is concise, clear, and evidence-based, supporting the problem or need that your K12 SWP efforts will address (2,500 characters maximum).

Be sure to include:

1. Local/regional workforce need informed by your region's Regional Plan.
2. Targeted underserved student populations requiring increased access and engagement in CTE.
3. Challenge(s) in current CTE pathway(s) that this plan will address.
4. Data that supports the above needs.

EXAMPLE

Approximately 75% of Maple Unified School District's (Maple USD) students qualify for free or reduced-price meals and 32% are English learners (ELs). In 2018–19, Maple USD's overall dropout rate was 12%, however, the dropout rate for EL students was 25%. Maple USD is eager to keep these students in school and provide an entry point

into a high-skill and high-wage career pathway that could serve our community as well as our geographical area.

A report shared by the regional consortium identified firefighter as a growth area for employment due to the impending retirement of 750 fire fighters, or 40% of the region's work force. Reported employment opportunities in fire safety include fire investigator, fire inspector, and firefighter. Throughout the summer, Maple USD administrators met with Deep River Community College District's (Deep River CCD) staff and Fire Department leaders to discuss expanding the district's CTE programs to include a Fire Science Career Pathway consisting of two courses, Introduction to Public Safety Careers and Emergency Medical Response (EMR). This pathway would serve students interested in a variety of public safety careers and the EMR course meets a requirement for Deep River CCD's Fire Science Program.

Discussions with Forest Service, CalFire, local fire departments, and Maple USD leaders identified the importance of providing students with work-based learning experiences, increasing the number of bilingual workers, and increasing the ethnic and gender diversity of the public service workforce. These stakeholders, along with Deep River CCD administrators, will serve on an advisory committee and work closely with the two programs to support the development of this pathway and increase enrollment and completion by underrepresented populations.

Beginning in September 2021, Maple USD will offer the Introduction to Public Safety Careers course. In spring 2022, Deep River CCD will offer the EMR course in Maple high schools as a dual enrollment course. Deep River CC will sustain the course through apportionment, provided that we ensure enrollments each year of 25 or more students. In the spring of 2021, all stakeholders will engage in outreach efforts informing students, parents, teachers, and the community about education and career opportunities in fire science and the introduction of Maple's Fire Science Career Pathway.

2. Project Objectives

Provide clear, concrete objectives, which this project aims to achieve, to address the issues in the Problem Statement. Include how the LEA(s) is using the K12 SWP funds to help meet those objectives. Avoid statements of lofty goals (2,500 characters maximum). Please include program strategies that:

1. Are informed by your region's Regional Plan and/or address workforce needs in the local or regional economy.
2. Lead K–12 students to postsecondary studies.
3. Target improved access and engagement of underserved students.

EXAMPLE

The project objectives of our K12 SWP work are as follows:

- 1. Maple USD will recruit and employ a teacher (.5 FTE) to teach the Introduction to Public Safety Careers course. This course will be taught in one Maple high school in the fall of 2021, and at two Maple high schools in the fall of 2022 and every fall thereafter. Grant funds will pay for the development and offering of the course in 2021 and 2022 with Maple USD absorbing these costs in subsequent years.*
- 2. Fund the Maple USD and Deep River CCD Fire Science instructors to develop the course outline for the Introduction to Public Safety Careers course and supporting materials and to work with employers to develop site visits and other work-based learning experiences, including one experience that brings Maple USD and Deep River CCD Fire Science students together to strengthen connections between the programs.*
- 3. Deep River CCD will offer the Emergency Medical Response course as a dual enrollment course in the spring of 2022 at one Maple high school and at two Maple high schools in the spring of 2023. Deep River CCD will fund this using a combination of Community College Strong Workforce Program funds and apportionment through the term of the grant and will continue to do so after the grant provided that enrollments remain at 25 or more students.*
- 4. A Maple and a Deep River counselor will meet with employers, use labor market information and develop materials to support counselors' ongoing career guidance work with Fire Science students. This team will also identify*

support services available to Fire Science students and work with the pathway teachers to develop referral and access strategies.

- 5. Deep River CCD Fire Science students will be employed using Federal Work Study funds to tutor Maple Fire Science students.*
- 6. A shared Advisory Committee will be formed. The Advisory Committee will take responsibility for holding an annual recruitment event targeting underrepresented students and their parents.*
- 7. Ensure a minimum of 25 Maple High School students (90% of those enrolled) successfully complete the Emergency Medical Response course in year 1 and 50 students successfully complete the course in year 2. A minimum of 30% of these will be EL students and a minimum of 70% will be economically disadvantaged. We expect 20 of the students from year 1 will enroll in Deep River CCD the following year, with 15 continuing in Fire Science. In year 2 we expect 40 to enroll in Deep River CCD with 30 continuing in Fire Science.*