

RCSD Elective/Course Review Form

Teachers: Please use this form to provide information so HR can determine which credential pathway may be needed to approve your elective course you will be teaching. Please complete ONE FORM for EACH elective or course you will teach.

The respondent's email (**kristurk300@gmail.com**) was recorded on submission of this form.

Teacher Full Name *

Kristin Murray

Credentials I hold (please be specific eg, Multiple Subject, Single Subject Math, added/
supplemental authorization etc)

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Multiple Subject- English Learner Authorization

School Site *

- ☐ Adelante/Selby
- ☐ Clifford
- ☐ Cloud
- ☐ Garfield
- ☐ Hoover
- ☐ Kennedy
- ☐ MIT
- ☐ NSA
- ☒ Orion
- ☐ Roosevelt
- ☐ Taft

Grade Level *

K-5

Elective Course title *

STEAM at Orion and Adelante

We have different models of elective delivery in RCSD. I will be teaching this course in: *

- ☐ Trimester 1
- ☐ Trimester 2
- ☐ Trimester 3
- ☒ The entire school year
- ☐ Aug-Dec
- ☐ Jan-June

Outcomes/Goals for students. What project or end product will be produced? *

Students will be using the engineering design process to complete STEAM projects. The students will produce outcomes of completed projects. These projects will be individual and small groups. Students will learn how to make changes and improvements based off of their mistakes to improve their outcomes. They will also be able to reflect and share their project methods and outcomes with others. Some of these projects will be school wide for school events like the Science Fair.

Describe the standards/topics/activities that will be taught. *

Science, Technology, Engineering, Arts, Mathematics. Students will be working on STEAM lessons every week. The standards being used will be focused on the science standards for grades K-5 (NGSS). Students will build and plan investigations and analyze their outcomes.

What background do you have to teach this course? Does the standards fall within your credential? Are these topics a hobby? Please explain. *

The standards do fall within my credential. I have taught for 14 years which includes elementary science lessons. I have over 5 years of teaching STEM/STEAM. I have created a STEAM program and curriculum for students in Botswana. I worked with the students in Botswana for two summers. Internationally I have taught STEAM while teaching in Turkey and Taiwan. These STEAM lessons were used to help improve English skills of the students in Botswana, Taiwan, and Turkey. While teaching in California and Utah, I taught weekly science lessons based off of the grade level standards and used the current district curriculum.

The CTC requires the District to prove you are qualified to teach this course. Please explain how you qualified to teach this course. *

I am qualified to teach this course because I have taught elementary science lessons weekly for 11 years using grade level curriculum. I have taught STEM/STEAM lessons for over 5 years. I have a multiple subject teaching credential. I created STEAM curriculum for the summer science program in Botswana.

I agree I would like the Local Committee on Assignments to review this course information and recommend an approval to the School Board so students may take this course. Please type your name as your signature. *

Kristin Murray

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MM DD YYYY

07 / 31 / 2026

This form was created inside of Redwood City School District.

Google Forms