



S.T.E.M. & S.T.E.A.M

University of Family Learning Workshops		Grades PK- 5	Middle/ High School
A Cup of S.T.E.A.M. (123b) What could you do with a cup and other basic materials? Families will be challenged to build and design in the areas of Science, Technology, Engineering, Arts, and Mathematics during this hands-on workshop.		X	
Cooking with Young Children (417) <i>Presented by UNCE</i> Cooking with Young Children is a parenting class for families with preschoolers. Instructors share the benefits of cooking with young children. There is an emphasis on fruits & vegetables and participants will make a smoothie for all to enjoy.		PK only	
Dare to Dive into Data (326) <i>Presented by CCSD ELL</i> Dive into activities that provide opportunities to collect, organize, represent, and interpret data. Take a look at surprising results in real-world applications, by collecting and graphing data sets.		X	
Drop. Stop. Don't Pop! Launching into Design & the Scientific Process (329) <i>Presented by CCSD ELL</i> Inspire future scientists and engineers! Families will work as an engineering team to build an amusement park ride with inexpensive materials. Parents will learn how guide their children in creating a science and engineering board.		X	6-8th grades
Full S.T.E.A.M Ahead! (123) During this hands-on workshop, families will use everyday items to collaboratively problem-solve and complete a design challenge. Many "tools" needed for science, technology, engineering, arts, and math exploration are inside your home!		X	
Let's Discover S.T.E.M. (427) <i>Presented by UNCE</i> Let's Discover S.T.E.M. is a 7-week parenting program focusing on science, technology, engineering, and math designed for families with preschool-aged children. The 1.5 hour class meets once a week and features reading and hands-on learning activities. The program aims to help parents create and encourage S.T.E.M. based activities for children, while building the children's interest and skills in S.T.E.M. <i>Offered at Hollingsworth ES, Long ES, Lunt ES, & Sunrise Acres ES ONLY-Additional locations in the Spring</i>		X	
S.T.E.M. Engineering Adventures (316) <i>Presented by CCSD ELL</i> This course is designed to spark interest in Science, Technology, Engineering, and Math practices. Parents will experience engineering challenges such as building a water tower, parking garage, and a house, using inexpensive materials. Parents will receive materials to engage their family at home.		X	6-8th grades
Girls in STEM (333) <i>Presented by CCSD Career & Technical Education</i> Statistics vary by country and by discipline, but generally speaking, women make up a significantly smaller percentage of the current STEM workforce, and the gap is broadening. This course emphasizes the importance of encouraging young girls in STEM and technology subjects in school and beyond.			X
TECHNOLOchicas (334) <i>Presented by CCSD Career & Technical Education</i> This course is designed to raise awareness among young Latinas and their families about opportunities and careers in technology. TECHNOLOchicas uses the powerful stories of Latinas from diverse backgrounds in technology fields, and recognizes the power of innovation to change the world.			X

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<http://faces.ccsd.net/university-of-family-learning-ufi/course-catalog/>

