

COLLEGE OF EDUCATION
Mathematics & Science Teacher Initiative Toolkit
 CALIFORNIA STATE UNIVERSITY, FULLERTON

Skip Navigation

Home
General Information
Specific Populations
Credentials
For Candidates
K-12 & STEM Experiences
University Resources
Other Resources
Contact Us



The Mathematics and Science Teacher Initiative (MSTI) Toolkit provides an integrated set of resources for recruiting and supporting science and mathematics teachers in California. Sponsored by the Mathematics and Science Teacher Initiative (MSTI) of the California State University System Chancellor's Office, the toolkit includes resources from the 22 CSU campuses that prepare teachers in these fields.

The MSTI Toolkit is easy to navigate in just a few easy steps. Start by clicking on the + to expand any of the folders in the left-side navigation. Then click on a subfolder to see the resources categorized in that area. Some resources are actual Websites; others may be downloaded for your use and revision.

The Toolkit is designed to enable you to adapt the materials for your own use. The resources are in formats that can be readily modified so that programs and campuses can make use of the materials for their own recruitment efforts. We encourage you to take advantage of this design and to use any of the resources would be useful to you.

We wish to thank all of the CSU campuses for their generous contributions to the MSTI Toolkit. If you would like to contribute other recruitment resources to the Toolkit, the new materials will be welcome additions. Please contact Victoria Costa, Director of Science Education, email: vcosta@fullerton.edu, phone: 714-278-2307.

See examples below of the beginning of two subcategories.

Home
General Information
About Credentials
Pathways to Math
Pathways to Science
Specific Populations
Credentials
Regular Math
Foundational Math
Regular Science
Specialized Science
Foundational General Science

Pathways to Teaching Math

Title	File(s)	Description
"Alternative Pathways to a Credential" Presentation	ppt	Covers all of the pathways to a single subject credential option, including early completion internship, visiting faculty permit, and double credential with special education.
"FLM Pathways" from Liberal Studies, Child Development, and Human Services	N/A	Four-year study plans for a minor in mathematics combined with one of the degrees above and the single subject credential program. The single subject credential may be earned in 4.5 years.
"Increasing Your Teaching Capacity" Webpage	webpage	Provides step-by-step directions for adding a credential area, including adding a single subject authorization to a multiple subject credential.
"Picture Yourself Teaching Mathematics" Advertisement	pdf	Advertisement used as poster on Titan Newspaper racks and on the back of the "GO TITANS!" poster distributed at baseball games.
"Teaching Foundational Level Mathematics" Website	webpage	Provides a model of distributing information via the Web.

K-12 STEM Experiences

Title	File(s)	Description
Expand General Information Early Day Biotechnology Education Partnership	webpage	Training for teachers in hands-on biotechnology lab activities for high-school biology classes.
Future Teacher Website	webpage	Program materials and presentations for middle and high school students on teaching math, teaching science, becoming a teacher, education careers, and FAQs.
Mathematics Engineering Science Achievement (MESA)	webpage	MESA works with thousands of educationally disadvantaged students so they excel in math and science and graduate with math-based degrees. MESA works closely with industry partners and the University of California, California State University, the California Community Colleges, the Association of Independent Colleges and Universities and the State Department of Education.

MSTI Toolkit
<http://msti.fullerton.edu>