

ARE YOU READY TO TAP INTO YOUR INNOVATIVE POTENTIAL WITH KCI'S

SPACE

PROGRAM?



Makerspace

EXPLORE • THINK • MAKE
TINKER • COLLABORATE
LEARN • DESIGN

Here at the **Krause Center for Innovation** we specialize in professional learning for educators. The **SPACE Program** is designed for K-14 teachers who want to grow as Makerspace Coordinators at their sites. **SPACE – Supporting Prototyping And Creativity in Education** – participants are those interested in honing their maker skills or seeking employment in fabrication laboratories and makerspaces within community centers, libraries, and educational settings. The program provides instruction and support for **building models and prototypes, strategies to spark innovation and invention, and creative problem-solving and collaboration.**



KRAUSE CENTER *for* INNOVATION

WHAT TO EXPECT
FROM THE

SPACE PROGRAM

APPLY

design thinking in meaningful
and impactful ways with
your learners

LEARN

from expert instructors who
have direct experience with
makerspace coordination

CONNECT

with educators embracing
change right alongside
each other



EXPAND

your maker mindset
and exercise more
creative capacity

MAXIMIZE

the instructional
impact of
your current
makerspace

SHARPEN

your maker skills for
both personal and
professional growth

LEARN MORE ABOUT KCI'S
SPACE PROGRAM AND APPLY
FOR THE NEXT COHORT!



WHAT IS THE SPACE PROGRAM?

The SPACE Program invites participants to be makers, recognizing and practicing creativity in everyday life. Each activity and project includes a focus on managing learning experiences that empower students to think outside the box and be problem solvers.

There are three phases of the SPACE Program: 1) Design Thinking, 2) Computational Thinking, and 3) Design Challenges. Each phase is framed by KCI's **Ten Maker Mindsets** which include:

- **Wonder:** Notice inspiration and where it comes from.
- **Tinker:** Mess around with things to see what they do.
- **Collaborate:** Share your ideas and work with others.
- **Design:** Organize your thoughts and ideas into specific solutions.
- **Prototype:** Build models to test them out, revising as needed.
- **Solve Problems:** Use thinking routines to analyze situations and develop solutions.
- **Take Risks:** Try new things, even if you aren't sure they will work.
- **Celebrate Failure:** Embrace fails and share them so that everyone can learn and celebrate with you.
- **Extend:** Consider where you can apply what you are learning to other parts of your life.
- **Have Fun:** Enjoy the process and embrace the mess.



Additionally, each SPACE participant earns a California Certificate of Achievement as a Makerspace Coordinator plus the following upon program completion:

- 18 continuing education units
- 3-year access pass to KCI's Makerspace

WHAT MAKES THE SPACE PROGRAM UNIQUE?

KCI's SPACE Program offers hands-on learning that empowers educators to participate as makers and experience the potential of a maker learning environment firsthand. As participants move through the activities and projects, they are guided by expert instructors to consider the roles of the teacher and makerspace coordinator in the implementation of maker education in their environments. Participants receive direct equipment training on 3D printers, laser cutters, vinyl cutters, and more. Creativity and play infuse every activity and are central to the learning experiences both in the program and back in the school communities.



WHAT PEOPLE ARE SAYING

“

The SPACE Program activities were wonderful and engaging—challenging for adults yet still accessible to younger children. Content was relevant and I appreciated the time to play and explore!

“

Thinking about design from an empathetic standpoint has provided a more purposeful approach to my work and my art.

“

This was my first experience with KCI, and I loved every minute of it! I would definitely recommend to friends and colleagues. I'm using my new skills in the classroom every day.





Our **SPACE Program** welcomes participants throughout the state of California who serve K-14 learners in all capacities!



At the Krause Center for Innovation, we care deeply about our work and commit daily to the goal of **improving education in our communities.**

At the heart of KCI you'll find teachers who care. Founded by an educator, run by educators, and benefiting educators, KCI understands that it's about more than just subject matter expertise. Our team brings together some of the most talented and experienced professionals with the goal of improving education in our communities. Here at KCI we understand that the classroom truly is the place where systemic change begins, where ideas take shape, where growth is nurtured. Through partnerships and various collaborations, **KCI is constantly growing and expanding its reach, scope and services and making a big difference.**



To date, more than 24,000 teachers and countless students have benefitted from KCI programs.

NURTURING INNOVATION IN EDUCATION SINCE 2000



KRAUSE CENTER *for* INNOVATION

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