

A group of three students are working on a wooden structure outdoors. One student in a blue shirt and red shorts is on the left, another in a white shirt is in the middle, and a third in a red shirt and blue shorts is on the right. They are standing on a concrete surface next to a grey cinder block wall. In the background, there is a chain-link fence and a yellow building. The sky is blue with some clouds. A green circle is in the top left corner, and a yellow banner is at the bottom.

Rediscover

# Hands-on STEAM Education for TK-12 2026-2027

Putting sustainability at the heart of maker education.

Welcome to Rediscover Center, a nonprofit organization where creativity, sustainability, and learning come together to transform education. Since 2002, we've helped hundreds of thousands of students across Los Angeles discover the joy of hands-on making. Our mission is to provide makers of all ages with the tools, sustainable materials, and confidence to build, tinker, and express themselves.

We work in classrooms, afterschool programs, and at our public makerspaces in Mid City and Venice. Rediscover creates inclusive environments where kids learn by doing. Our programs empower youth to use recycled and discarded materials to create art, solve real-world problems, gain practical skills, and become confident creators. We emphasize student voice and choice, uplifting each child's creative journey.

Whether you're looking for in-class enrichment, after school classes, memorable field trips, or professional development on maker education, Rediscover provides sustainable materials and powerful tools for your school community.

  
Jonathan Bijur  
*Executive Director*



# Creative Makers from TK to High School

Rediscover programs are tailored to meet the developmental and creative needs of students from TK through 12th grade. Our hands-on learning experiences are grounded in age-appropriate tools, open-ended exploration, and real-world relevance.



## TK-2:

Story-based upcycled art and craft projects that emphasize sensory play, imagination, independent inquiry, and fine motor skills.



## Grades 3-5:

Cardboard engineering, collaborative design, and guided tool use to introduce iterative making and STEAM concepts.



## Grades 6-8:

Advanced tool use, design thinking workshops, and problem-solving challenges that promote independence and creative risk-taking.



## Grades 9-12:

Project-based learning, in-depth skills development, and curriculum alignment to use maker skills as a tool for academic achievement and college and career readiness.

# How We Bring Making to Your School



Rediscover offers a range of services designed to incorporate maker education into your school community. Whether you're looking for a one-time event or weekly classroom engagements for every grade, our programs are customizable, scalable, and grounded in 20+ years of experience.

## In-School Teaching

Engaging tool-based classes aligned to academic and SEL goals.

## Afterschool Enrichment

STEAM-focused programs like Cardboard Art & Engineering and Woodworking Club.

## Field Trips

Hands-on learning at LA's largest youth makerspaces, packed with real tools and creative reuse materials.

## School Festivals & Community Events

Maker activity booths for back-to-school nights, STEAM fairs, and fundraisers.

## Professional Development

Training and mentorship for teachers in classroom tool use, project-based learning, and creative reuse.

## Makerspace Buildouts

Custom design and setup of tool-equipped learning environments in your school.

# Tool-Based Learning in the Classroom and After School

Our **in-school programs** bring Rediscover's tools, materials, and expertise **directly to your students**. Designed to fit your school schedule and curriculum, each program is guided by trained facilitators and scaffolded for age-appropriate learning. We use **hands-on making** to teach SEL, academics, design thinking, and sustainability. Students build with cardboard, wood, and upcycled materials while **developing skills in planning, collaboration, and iteration**.

## Program Highlights:

- Up to a 12 week program, typically one 45-90 minute workshop per week
- Custom themes to fit classroom goals
- Safety training and tool use fundamentals
- Projects that travel home or build up over time
- In the classroom, a dedicated makerspace, or after school program
- Abundant sustainably sourced materials and powerful tools

## Sample Activities:

- TK-2: Build-a-Character, Loose Parts Exploration, Upcycled Forest
- 3-5: Cardboard Construction, Puppets and Costumes, Native American Dwellings
- 6-8: Geodesic Structures, Cardboard Prototyping, Introduction to Woodworking
- 9-12: Design Challenge: Cultural Memory Exhibit, Upcycled Fashion Design, Functional Furniture



# Case Study: Building the Innovation Lab

In 2024, Kentwood Elementary partnered with Rediscover Center to launch the Innovation Lab — a dedicated, on-campus makerspace built to foster creativity, sustainability, and collaboration.

## The program provided schoolwide engagement through:

- Weekly classes for TK–5 students facilitated by Rediscover
- GATE enrichment in advanced making
- Teacher professional development sessions
- Custom-designed tool walls, furniture, and storage
- Full integration with school-wide learning goals



**Parent and community support was key:** Families donated materials, volunteered for service days, and helped maintain the space. The Innovation Lab quickly became a popular spot on campus and a central feature on tours for prospective families.

# Kentwood Elementary's Maker Education Journey



**The program is perfect for what we need here.**

[Rediscover's Facilitators] are constantly reinventing, constantly feeding off what the kids are interested in doing. It has been a really positive experience... We get a lot of feedback from parents that the kids are inspired by what happens in our Innovation Lab. Kids tell their parents, **"I have to be at school today because I want to go to the Innovation Lab"**.

-Principal Helene Von Schreiber

## By the Numbers:

- 297 students served
- Four PD sessions
- 25+ parent volunteers
- Hundreds of original student projects displayed



## Outcomes:

- **Academic and SEL gains**, particularly in STEM and Visual Art
- Increased student engagement and **ownership of learning**
- Stronger school community bonds through **shared creative experiences**
- **Elevated school visibility and pride**
- Expanding from 2 days/week to 3/days a week for 2025-2026

# Field Trips That Spark Creativity

Rediscover field trips offer immersive, hands-on experiences at our makerspaces in Venice and Mid City. Each visit introduces students to real tools, sustainable materials, and maker projects guided by our expert Facilitators.

## Program Formats:

- One-day or multi-session trips
- Up to 50 students per makerspace, 100 students per field trip
- Tailored experiences for TK–12 learners
- Pre-visit coordination and post-visit reflection support
- Can be combined with in-school programming



## Workshop Themes:

- Upcycled Crafting (TK–12): Collage, sculpture, and creative reuse art
- Cardboard Construction (Grades 2–12): Skill-building, prototyping, costume design, puppets, architectural or conceptual models
- Woodworking (Grades 4–12): Safety-focused skill-building with drills, saws, and clamps; projects like woodscrap sculptures and functional furniture



## Special Modules:

- The Tin Forest
- My Neighborhood/ Mi Comunidad
- Upcycled Selfies
- Loose Parts Mosaic mural projects
- Geodesic Builds
- Design Challenges
- Rapid Prototype Generator
- Custom workshops to match your curricular goals

# Standards-Based Learning

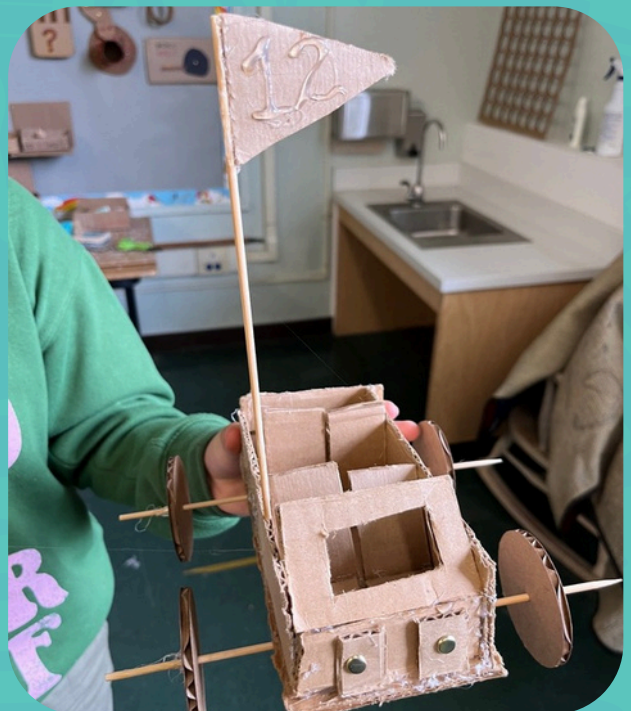
Rediscover's programs **support academic and social-emotional development** through hands-on experiences **aligned with California standards**. Our Teaching Artists and Maker Facilitators collaborate with educators to **tailor projects** that meet your school's instructional goals.

## Aligned Frameworks:

- **Next Generation Science Standards:** scientific reasoning, engineering practices, and environmental awareness
- **Visual and Performing Arts Standards:** Artistic expression through sculpture, collage, and design
- **Social Emotional Learning:** Collaboration, communication, self-awareness, and responsible decision-making
- **Project-Based Learning:** Ideation, student voice and choice, sustained inquiry
- **Common Core Math and ELA:** Measurement, geometry, sequencing, storytelling, and explanatory writing

## Curriculum-Specific Projects:

- Biomes and Shelters (**NGSS**)
- Cardboard Automata (**VAPA + NGSS**)
- Emotion Wheel Selfie (**SEL**)
- Design Challenges (**PBL + ELA**)



# Empowering Educators to Bring Maker Learning to Life

At Rediscover, we know that a strong maker program starts with confident educators. Our professional development offerings give teachers the tools, mindsets, and resources they need to lead engaging, hands-on learning in any classroom. Parents, support staff, and the community also play an important role in students' success.



## Professional Development Includes:

- In-person and online classes on tool safety, creative reuse, and classroom setup
- Strategies for using maker-based art, engineering, and project-based learning in everyday curriculum
- Support for teaching large classes through differentiated instruction
- Resources including classroom visuals, maker project curriculum, and thematic project plans

## Family and Community Engagement:

- Parent education workshop on supporting maker learning at home
- Booster sessions, PTA workshops, and school resource fairs
- Opportunities for school-wide projects like Big Builds and donation drives
- Gift certificates to Rediscover's camps and classes for school fundraisers

Want to see more of how we are engaging with our communities?  
Visit our socials at @rediscoverctr

# From Empty Room to Makerspace

Whether you're starting from scratch or upgrading an existing space, Rediscover can help you design and build a makerspace that inspires creativity and supports deep learning. We bring years of hands-on experience developing learning environments for schools across Los Angeles. We work closely with faculty to customize a makerspace that teachers want to use and are confident incorporating into their teaching. Our hands-on approach to maker education builds off of an arts and crafts tradition that many teachers find familiar and comfortable.

## Services Include:

- Space planning and needs assessment
- Installation of tool walls, maker materials, mobile workstations, and project storage
- Custom signage, safety posters, and inspirational decor
- Support with sustainably sourcing materials and organization systems
- Professional development for staff on using and maintaining the space



# Let's Build Something Great, Together!



Rediscover Center is ready to partner with your school to bring hands-on standards-aligned maker learning to your students. We offer flexible scheduling, customized packages, and personalized support at every step of the process. Rediscover works with public, charter, and independent schools and youth serving organizations. We are an LAUSD Bench Contractor through BSAP and the Arts Community Network, and an approved Cultural Arts Passport Field Trip location.

Rediscover Center Inc is a 501c3 nonprofit, EIN #20-0192617.

## How to Book:

Visit [rediscovercenter.org/schools](https://rediscovercenter.org/schools) to explore our offerings in full, then fill out the inquiry form to request a consultation at [rediscovercenter.org/bookings](https://rediscovercenter.org/bookings) or via the QR code on this page.

Our Programs Team will follow up to design a custom plan based on your goals, timeline, and budget!



Questions? Email us at [schools@rediscovercenter.org](mailto:schools@rediscovercenter.org)

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