

**reDiscoverCenter.org** 310.393.3636  
12958 W Washington Blvd, Los Angeles, CA 90066  
and throughout Los Angeles County



## **School Services offered by reDiscover Center**

### **Real Tools. Real Materials. Safe Environment.**

We safely put real tools in the hands of children. Through experiential Constructionism we help the child build as large as their imaginations. We have honed our Tool Safety Protocol over the past seven years, training over 2,000 children. Utilizing a strict pedagogical approach we scale the tool use to the child. We train and support schools that are easing into providing Makerspace facilities. We can bring the tools to your school, or you can bring the students to us. Real tools and materials, like drills, clamps, hand saws, jig saws, lumber, screws and loads of open ended upcycled materials are provided.

Tinkering is a playful way to approach and solve problems through doing, failing, experimentation, discovery and reflection. Making is a constructive act. Tinkering combines the creativity of sculpture and the rigor of engineering, while meeting the child where they are most interested, in the physical world.

#### **Pop-Up Makerspace: Tinkering in a Box**

We bring a Tinkering Facilitator, tools and materials directly to your school or program. You designate a space and we "kit it out". Each day, cycle through multiple classes for tool training, or have one class go in-depth with woodworking and Tinkering. A typical full day workshop introduces children to clamps, drills and saws, combining safety instruction, design challenges and facilitated open Tinkering.

#### **Tool Safety Professional Development**

We give teachers and administrators the confidence to safely bring real tools into the classroom or makerspace. We help teachers with different skill levels become comfortable with a common toolset. Learn how to promote a culture of tool safety that becomes your classroom's norm. We can also train apprehensive administrators so they can be more confident their institutions' interests and liabilities are considered. We specialize in training teachers of 2nd grade through 6th but our methods easily translate to middle and high school.

#### **Curriculum and Makerspace Design Consulting**

Go beyond tape and hot glue. Is there a Science project like a chain reaction machine you want to attempt? Or did you always wish that the California 4th Grade Mission Project could spawn a future architect? Why can't a student build a trebuchet for a History class? Tinkering is an antidote to a dry curriculum. We can work with your staff to integrate Tinkering into the mix.

Ideally Makerspaces evolve to fit the projects our students aspire to. We can help you plan for future growth or the building of a brand new space. We are constantly adapting spaces, tools and expertise to fit the current need. Our professional Tinkers will assess your needs and help you bring it to the next level.

#### **After School Programs**

After school enrichment, typically 60-90 minutes once a week, provides engaging tinkering activities for PreK-K and 1st-5th students. reDiscover can pack in and pack out selected tools and materials to provide a sequence of guided activities working in a variety of natural and manufactured materials. After school programs run for 8-12 weeks, to match your existing after school program. reDiscover Center also operates Tinkering Club, offering daily drop-in sessions in reDiscover's fully stocked kids makerspace. Tool safety training is required before attending Tinkering Club.

#### **Field Trips to reDiscover's 2,000 sf Kids Makerspace**

Most reDiscover Center programs can be turned into Field Trips, including professional development workshops, tool training classes, and kids tinkering programs. Our two rooms of makerspace facilities can accommodate up to 50 tinkerers.

#### **Tool Rentals for Classroom Use**

We stock real tools selected to accommodate child-sized hands. For a day, a week, or a semester, reDiscover can rent you a classroom set of drills, clamps, saws plus include

the materials for a semester of Tinkering. We provide the tools and expertise that your school may not be ready to invest in. Are you currently thinking about expanding into prototyping with wood? Tinkering is best when everyone has access to the tools they need, when they need them.

#### **Open Ended Materials Sales**

At our vast warehouse we have an array of creative reuse and new materials that have been curated for maximum interest. Come and browse the unique and familiar objects, all for sale by the pound. Preselected kits for specific projects also available for pickup or delivery.

#### **Pricing**

##### **Pop-Up Makerspace**

*\$1250 per day, discounts available for multiday residencies*

##### **Tool Safety Professional Development**

*\$400 for a 2 hour hands-on safety training or \$1000 for a full day workshop including teaching techniques for establishing classroom safety procedures*

##### **Curriculum and Makerspace Design Consulting**

*\$90/hour*

##### **After School Programs**

*\$10-25/child/class*

##### **Field Trips**

*\$350/class and up*

##### **Tools Rental**

*a la carte or packages from \$750-2000/ classroom per semester*

##### **Materials Sales**

*most materials \$1/pound, classroom kits for specific projects \$50-150*