

2013

SUMMER

INSTITUTE

FOR

TEACHERS

Scholarships
Available



DESIGN-BASED LEARNING
Preparation for teaching
K-12 Common Core Standards
and Performance-Based
Assessment



The
Summer Institute
for Teachers
is an intensive
five-day interactive
experience in the
proven and award-
winning Doreen
Nelson Method of
Design-Based
Learning.

This method taps students' natural creativity to develop higher-level thinking and enhance comprehension of the K-12 curriculum. It is never restricted by the changing world of content standards.

No matter what grade level or subject you teach, supplementing your current methods with Design-Based Learning (DBL) can make a dramatic difference in your classroom. Motivating students to engage in learning through this hands-on methodology leads to improved attendance, fewer discipline problems and higher scores on Performance Tasks and Common Assessments.

This five-day institute is worth four semester units of credit* and is open to K-12 educators, principals, administrators, college instructors and after-school program directors and staff. Scholarships are available.

* Transferable to the M.A. Degree Program (45 units) or the Certificate Program (20 units) in Design-Based Learning at California State Polytechnic University, Pomona.

"The Summer Institute for Teachers really helped me realize my goal of how to make everything connect throughout the school year."

APRIL WU

Teacher/Kinder Mandarin Immersion
Field ES, Pasadena USD

How Design-Based Learning (DBL) Works

Renowned education leader Sir Ken Robinson said, "I believe this passionately: that we don't grow into creativity, we grow out of it. Or rather, we get educated out of it." This holds true especially in education today where the traditional methods are no longer as effective in engaging and educating students. Educator Doreen Nelson's method of Design-Based Learning "sneaks up on learning" by giving teachers a specific series of steps that lead to activating students' innate curiosity. It provides an authentic experience with practice in solving problems and teaches ways for students to hold themselves and their peers accountable for learning. Creating a fun, interactive environment fosters the use of higher-level thinking skills and the application of the standard K-12 curriculum content.

A teacher using Design-Based Learning challenges students to create "never-before-seen" solutions to specific problems.

For example, to teach the biology content standard concept of how "stability in an ecosystem is a balance between competing effects," a high school biology class could build a 3D model of a city. Doing so would motivate students to answer questions like "How and why do citizens choose to live where they do?" and "How do they interact with each other within their city?" Armed with their own solutions, students could then compare the workings of their city to how organisms are dispersed throughout an environment and how they participate in symbiotic relationships with one another. Answering these questions guides students' understanding of the big ideas related to ecology.

Or a third grade teacher wanting to teach concepts of geometric measurement emphasizing the calculation of area might also have students build a miniature city. Her focus would be on reading the city as an array and solving mathematical problems

related to calculating population density, adding the square footage of buildings, and comparing the lengths of various routes around different areas within the city.

Building a rough physical model of a solution to a problem launches the learning process to unlock students' thinking. It motivates them to persevere in advocating for their solution and serves as a bridge to the academic material they will later study in textbooks. Students learn how to analyze and refine their ideas and how to test their thinking through both informal conversations and formal presentations. Leadership abilities, communication skills and writing facility are central to the methodology.



Award-Winning Program

Founded in 2002, Art Center's Summer Institute for Teachers received the 2006 Award of Merit in K-12 Architectural Education.

Design-Based Learning was developed by Doreen Nelson, a professor at both Art Center College of Design and California State Polytechnic University, Pomona. She founded the DBL M.A. Program at Cal Poly in 1995 and the DBL Certificate Program in 2010. Nelson is a recipient of the California State University 2006 Wang Family Excellence Award for her innovation in education. She leads the Summer Institute for Teachers.[†]

[†] The Doreen Nelson Method of Design-Based Learning (DBL) is protected by copyright and trademark law. Do not publish or make commercial use of any DBL materials without prior written permission. For details, visit csupomona.edu/copyright.html.



All Grade Levels, All Subjects

At the Summer Institute for Teachers, you'll learn specific steps you can immediately use to inspire, engage and energize your students—time-tested techniques that develop enhanced reasoning and problem-solving skills as well as tools for Performance-Based Assessment. A background in art or design is not necessary.

Teachers Teach Teachers

The faculty of the Summer Institute for Teachers includes public school educators who have earned a master's degree in Design-Based Learning from California State Polytechnic University, Pomona and who have successfully put this innovative approach to work in their own K-12 classrooms.

Career Advancement & Follow-Up Seminars

Several full-tuition scholarships, grants and group discounts are available. Teachers who complete the Summer Institute for Teachers' five-day program can earn four semester units of credit. These units are transferable to the M.A. Program in Design-Based Learning at California State Polytechnic University, Pomona.

Supplement your current teaching methods

Design-Based Learning is not intended to replace lessons you're using now. Rather, it gives you a powerful new methodology for presenting curriculum to meet the required Content and Common Core Standards. DBL is accessible to various types of learners, including at-risk, gifted, ADD and ADHD students. ELL students' oral and written communication skills are enhanced through their engagement in the design challenges.



Fun Interactive Experience

The five-day Summer Institute for Teachers consists of engaging hands-on activities that stimulate creativity and improve overall student performance.

No Special Equipment Required

Design-Based Learning doesn't require expensive materials. Paper, pencils, glue and recycled materials are all you need. As a result, Design-Based Learning programs are unaffected by textbook changes and budget reductions.

"The pressure on public school teachers to demonstrate that their students have achieved identified competencies has taken some of the life and creativity out of the classroom. DBL brings back the joy of teaching without compromising anything."

SARA RODRIGUES
Teacher, English, Grade 10
Polytechnic HS, LAUSD

PARTICIPATING SCHOOL DISTRICT

Design-Based Learning Summer Institute for Teachers 2002-2011*

Alhambra Unified School District (USD)

Century HS
Granada ES

Alta Loma School District

Carnelian ES

Azusa USD

Slauson MS

Baldwin Park USD

De Anza ES

Holland MS

Olive Street ES

Tracy ES (Dual Immersion)

Beverly Hills USD

Beverly Hills HS

Centinela Valley USD

Lawndale HS

Chaffey Joint Union HS District

Montclair HS

Charter Schools

California Academy for

Liberal Studies

City Life Charter

CityLife Downtown

Colony HS Charter Schools

Community Day School

Da Vinci Design HS

Dream Yard Los Angeles

East San Gabriel Valley

ROP/TC

Granada Hills Charter HS

LA Academy of Arts &

Enterprise

Opportunities Unlimited

Charter School

Pacoima Charter School

Para Los Niños

Santa Monica Boulevard

Community Charter School

South Western Academy

Synergy Charter Academy

El Monte USD

Cherrylee ES

Columbia MS

District HS

Durfee MS

Le Gore ES

Rio Hondo MS

Rosemead HS

Wilkerson ES

Glendale USD

Cerritos ES

Edison ES

Mark Keppel ES

Glendora USD

Goddard ES

Hacienda / La Puente USD

Grazide ES

Newton MS

Sierra Vista MS

Valley HS

Wilson HS

Hollister USD

Rancho San Justo MS

Independent Schools

Flintridge Prep

Harvard-Westlake School

Haven House

Holy Family School

Sacred Heart High School

Sahag Mesrob Armenian

Christian School

Santa Teresita ES

Sequoyah School

St. Patrick's School Diocese

of San Diego

Stephen S. Wise ES

The Chandler School

The Sycamores NPS

The Waverly School

Village Glen School

International Schools

Amerikan Lisesi (Izmir, Turkey)

Space Craft Design Institution

(Seoul, Korea)

Kuei Shan School (Taipei,

Taiwan)

Tianjin International School

(China)

Tinian ES, PSS (Northern

Mariana Islands)

La Cañada USD

St. Francis HS

Lawndale USD

Mitchell ES

Los Angeles USD

24th Street ES

107th Street MS

Belmont HS

Birmingham HS

Bridge Street ES

John Burroughs MS

Castelar ES

City of Angels HS

Cleveland HS

Columbus MS

Daniel Webster MS

Delevan Drive ES

Dorris Place ES

Downtown Value ES

Eagle Rock ES

Emelita Street ES School

East Los Angeles Renaissance

Academy

Euclid Avenue ES

Fair Avenue ES

Fremont HS

Hobart Blvd. ES

Hopper Avenue ES

Huntington Drive ES

Lincoln HS

Magnolia ES

Mayfield Academy HS

Markham MS

Miramonte ES

Mt. Gleason MS

Multnomah ES

Nightingale MS

Palms MS

Pio Pico ES

Pio Pico Span ES

Plasencia ES

Pueblo De Los Angeles HS

Reseda ES

Rosemont Ave. ES

Rosewood Ave. ES

San Pascual ES

Santa Monica Boulevard

Community Charter

South Gate HS

Sylmar HS

Taft HS

Toluca Lake ES

T.S. King MS

Wadsworth Avenue ES

Walgrove ES

Washington Irving MS

Washington Prep HS

West Vernon ES

Westchester HS

Westport Hills ES

Wilshire Park ES

Woodrow Wilson HS

Valley Alternative HS

Valley Region ES #8

Virgil MS

Lennox USD

Buford ES

Lynwood USD

Washington ES

Montebello USD

Cesar E. Chavez ES

Milpitas USD

Rose ES

Ontario Montclair SD

Kingsley ES

Orange USD

Orange HS

Kingsley ES

Pasadena USD

Aveson Charter School

Cleveland ES

Garey HS

Hamilton ES

Jackson ES

Jefferson ES

John Muir HS

Linda Vista ES

Madison ES

Marshall MS/HS

McKinley Arts MS

Norma Coombs MS

Noyes ES

Pasadena HS

San Rafael ES

Sierra Madre ES

Washington Accelerated ES

Webster ES

Wilson MS

Pomona USD

Allison ES

Alcott ES

Barfield ES

Ganesha HS

Garey HS

Kingsley ES

Neil Armstrong ES

Washington ES

Rancho Cucamonga USD

Alta Loma HS

Rialto USD

Rialto HS

Rowland USD

Jellicoe ES

Nogales HS

San Diego USD

Curie ES

San Gabriel USD

Jefferson MS

San Marino USD

Valentine ES

Santa Ana USD

Orange County HS of the Arts

Santa Monica Malibu USD

CDS

Olympic HS

Saugus USD

Plum Canyon ES

Sierra Madre USD

Sierra Madre School

Simi Valley USD

Santa Susana HS

Tehachapi USD

Monroe HS

Torrance USD

West HS

Walnut Valley USD

Chaparral MS

Suzanne MS

Whittier USD

Edwards MS

Woodbridge USD

(Connecticut)

Amity Regional HS No. 5

Other

Art Center Graduate

Media Design Practices

Moorpark College, VCCCD

NATHA (Neighbors Acting

Together Helping All)

Our Lady of the Lake University,

San Antonio, Texas

The HeArt Project

"Excellent program. Excellent instructor. Well organized."

MARJORIE LOTT

Teacher, Math/Science, Grade 7
Washington MS, Pasadena USD

General Information

Fees / Credits / Discounts

Fee includes cost of materials, curriculum guide and parking.

<u>Single Participant</u>	DBL-001-01	DBL-002-01
	4 Semester Units \$680	Non-Credit \$500
<u>Teacher Pair Discount*</u>	4 Semester Units	Non-Credit
	\$630 per teacher	\$450 per teacher

Refund Policy

To receive a full tuition refund, written notice of cancellation is required by July 22, 2013.

Grant Opportunities for Pasadena Unified School District Teachers

The Pasadena Educational Foundation (PEF) is a non-profit community organization that raises funds to support educational programs and teachers in the Pasadena Unified School District. PEF offers competitive grants to teachers for classroom projects and professional staff development. For information about the Teacher Grant Program, please visit pasedfoundation.org.

Scholarships

Several tuition-only scholarships are available. Applications from Title 1 schools in the greater Los Angeles area and teachers entering the Cal Poly M.A. Degree or Certificate Programs receive priority. Applications must be received by July 12, 2013 and must include:

1. A letter of support from your principal.
2. A brief (one page or less) description of how Design-Based Learning might contribute to your classroom.
3. To receive unit credit, submit a check payable to Art Center College of Design or credit card information with your registration form in the amount of \$180.

Location / Directions

Art Center College of Design, South Campus

950 South Raymond Avenue, Pasadena, CA 91105.

For directions to Art Center, visit artcenter.edu.

Additional Information

In addition to the Summer Institute for Teachers, we can create customized professional development sessions for interested schools. Please contact:

Paula Goodman, Director, K-12 Programs

626.396.2347

K-12teachers@artcenter.edu

artcenter.edu/teachers

*A special discount of \$50 per teacher is awarded to pairs from the same school.

Schedule

5 Days

July 24–26 & 29–30

8:30 am–4:30 pm

Day 1 Wednesday, July 24

Introduction to Design-Based Learning (DBL)

Learn to apply simplified design techniques to teach problem solving.

Day 2 Thursday, July 25

Test Drive DBL Activities

Experience hands-on activities for engaging students.

Day 3 Friday, July 26

Make DBL Work For You

Apply content and common core standards to curriculum, instruction and assessment.

Day 4 Monday, July 29

Learn Techniques For Assessment

Establish criteria for evaluating Design-Based Learning across the curriculum.

Day 5 Tuesday, July 30

DBL & Your Classroom

Develop an action plan for your classroom.



Philanthropic support for the Summer Institute for Teachers has been generously provided by:

Grace Ray Anderson

Art Center Partners

Margaret A. Cargill Foundation

Collectors Foundation

Richard and Jean Coyne Family Foundation

Ford Motor Company Fund

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The Kenneth T. and Eileen L. Norris Foundation

Thomas L. Safran

Lorraine Triolo and Jeffrey Burke

Elizabeth P. Urban

Watson Design Associates

SUMMER INSTITUTE FOR TEACHERS

Registration Form

FOR OFFICE USE ONLY:

☐ RECEIVED ☐ PROGRAMMED ☐ CS
☐ MP ☐ APP# 2012

Please complete the registration form below, including your signature. Attach a check or money order in the exact amount payable to Art Center College of Design or supply the necessary credit card information, including signature, on the form. Cash cannot be accepted. Registration will be confirmed by mail. If you are applying for a scholarship, please refer to the scholarship guidelines.

Paying by credit card

Fax your registration form to:
626.396.4219
Please call to confirm receipt:
626.396.2319

Registration by mail

Send completed form & payment to:
Design-Based Learning Lab
Art Center College of Design
P.O. Box 7197
Pasadena, CA 91109-7197

Registration in person

Submit completed form & payment to:
Design-Based Learning Lab
Administrative Office
950 South Raymond Ave.
Pasadena, CA 91105
M-T: 10 am-9 pm / F: 10 am-5 pm

Last name		First	Middle
Address		City	
State	ZIP	Daytime phone	Evening phone / /
Email	Social Security number		Birth date
Person to contact in an emergency			Phone
Grade level(s)		Subject area(s)	
School name		Years of teaching experience	
School address		School district	
School principal		School phone	

Information

☐ Male ☐ Female

Are you Hispanic or Latino?

☐ Yes ☐ No

Select one of more from the following categories?

☐ American Indian or Alaska Native ☐ Asian
☐ Black or African American
☐ Native Hawaiian or Other Pacific Islander ☐ White

Courses (check all that apply)

☐ Scholarship Applicant

Scholarship covers tuition only. Unit credit is \$180 and scholarship recipient's responsibility.

Single Participant

☐ DBL-001-01 4 Semester Units \$680 ☐ DBL-002-01 Non Credit \$500

Teacher Pair

☐ 4 Semester Units \$630 per teacher ☐ Non-Credit \$450 per teacher

\$

Name of other teacher(s)

Total enclosed

Payment

☐ Check enclosed ☐ MasterCard ☐ Visa ☐ Discover ☐ American Express

Credit card number	Expiration date	Security code
Name on card	Billing address (as shown on credit card statement)	
City	State	ZIP
Cardholder signature		

As a student of Art Center, I agree to abide by all policies and regulations of the College.

Signature Date

How did you hear about the Summer Institute for Teachers?

ADDRESS SERVICE REQUESTED

2013

SUMMER INSTITUTE FOR TEACHERS

July 24–26 & 29–30, 2013

- ▶ For K-12 teachers in all subject areas
- ▶ Four semester units
- ▶ Five-day interactive experience taught by working classroom teachers

Scholarships
Available



Design-Based Learning

- ▶ Time-tested technique proven to raise test scores
- ▶ Highly effective with ELL and learning disabled students
- ▶ Applicable to all California standards
- ▶ Reduces teacher burnout
- ▶ No special classroom supplies or equipment required