

2015 SUMMER INSTITUTE FOR TEACHERS

SCHOLARSHIPS
AVAILABLE



ARTCENTER.EDU/TEACHERS

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 based 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.

Regardless of your grade level, subject or need for integrating the curriculum, supplementing your current methods with Design-Based Learning 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 provides three 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.

* Units are 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. Please check with your school district regarding transferability of units/salary points.

HOW DESIGN-BASED LEARNING (DBL) WORKS

Chinese contemporary artist and political activist Ai Weiwei said, "Creativity is a part of human nature. It can only be untaught." This rings true especially in education today where traditional and unimaginative methods are not only ineffective but counterproductive. Educator Doreen Nelson's Method of Design-Based Learning "sneaks up on learning" by giving teachers a specific series of steps that are built around essential questions and lead to activating students' innate creativity. 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 content-related problems.

For example, a high school biology teacher wanting to teach genetics might have students build a miniature city inhabited by 3D creatures that are assigned various hereditary traits. The students then study inheritance patterns and develop explanations and unique justifications for their predictions, utilizing evidence to substantiate their arguments. This practice of inquiry mirrors the work of geneticists who explore gene behavior.

Or a third grade teacher wanting to teach the mathematical practice of perseverance and problem solving despite initial mistakes might also have students build a miniature city. Solving problems related to what they build leads to reflection on the changes made. As they calculate how many people can fit in their structure, find various routes to extend or decrease travel time, and adjust the square footage of their building, they discover multiple paths to solve a problem and learn the validity of revision.

Building a rough physical model of a solution to a problem makes learning personal and provides conceptual knowledge that leads students to understand academic material. Using what they make, students learn how to analyze and refine their ideas and how to test their thinking through both informal conversations and formal presentations. Civics, government, 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 from the American Architectural Foundation.

Design-Based Learning was developed by Doreen Nelson, a professor at both Art Center College of Design and California State Polytechnic University, Pomona. Nelson founded the DBL M.A. Program at Cal Poly in 1995 and the DBL Certificate Program in 2010. She has been awarded lifetime honorary membership by The American Institute of Architects, the highest honor bestowed upon a non-architect, and she is the recipient of the California State University Wang Family Excellence Award for her innovation in education. She leads the Summer Institute for Teachers.†

"I AM LEARNING WITH A MINDSET BLOWN OPEN TO ENDLESS POSSIBILITIES. I HAVE THE SAME EXCITEMENT I DID GOING INTO MY FIRST YEAR OF TEACHING—THAT FEELING THAT I MIGHT ACTUALLY MAKE A DIFFERENCE IN STUDENTS' LIVES."

VICTORIA LANNOM
Teacher, Multiple Subjects, Grade 8, Sierra Vista MS
Hacienda La Puente USD

† 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 cspomona.edu/copyright.html.

"DESIGN-BASED LEARNING HAS A FREEING EFFECT AND TAKES THE EDGE OFF WHEN TRYING TO 'UNPACK THE STANDARDS.' IT GETS THE STUDENTS THINKING CREATIVELY."

PAULETTE JACKSON
Special Education Teacher, Grades 6-8, Daniel Webster MS, LAUSD

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 and teacher-pair discounts are available. Teachers who complete the Summer Institute for Teachers' five-day program can earn three semester units of credit. This course is 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 an integrated 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 participatory 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.



PARTICIPATING SCHOOLS

Design-Based Learning Summer Institute for Teachers 2002-2014*

ALHAMBRA UNIFIED SCHOOL DISTRICT (USD)
Century HS
Granada ES
ALTA LOMA SD
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
BONITA USD
Bonita HS
CENTINELA VALLEY USD
Lawndale HS
CHAFFEY JOINT UNION HIGH SD
Montclair HS
EL MONTE USD
Cherryilee ES
Columbia MS
District HS
Durfee MS
Le Gore ES
Rio Hondo MS
Rosemead HS
Wilkerson ES
GARVEY USD
Temple Intermediate ES
GLENDALE USD
Cerritos ES
Edison ES
Mark Keppel ES
GLEN DORA USD
Goddard ES
GREEN DOT SCHOOLS
Animo Westside MS
HACIENDA/LA PUENTE USD
Grazide ES
Leopold Avenue ES
Newton MS
Sierra Vista MS
Valley HS
William Workman HS
HOLLISTER USD
Rancho San Justo MS
INDEPENDENT SCHOOLS
Flintridge Prep
Harvard-Westlake School
Holy Family School
Mirman School
Notre Dame Academy ES
Rose and Alex Pilibos Armenian School

Sacred Heart HS
Sahag Mesrob Armenian Christian School
Sequoiah School
Stephen S. Wise ES
The Chandler School
The Sycamores NPS
The Waverly School
Village Glen School
Westland School
Westridge School for Girls
Weizmann Day School
LA CAÑADA USD
St. Francis HS
LA VERNE USD
Damien HS
LAWNDALE USD
Mitchell ES
LENNOX USD
Buford ES
Lennox Math Science Technology Academy
LOS ANGELES USD
24th Street ES
95th Street ES
107th Street MS
Ambassador School of Global Leadership
Arlington Heights ES
Arts Education Branch
Belmont HS
Bellingham ES
Belvedere ES
Birmingham HS
Bridge Street ES
Braddock Drive ES
John Burroughs MS
Castelar ES
Colfax Charter ES
Cahuenga ES
City of Angels HS
Cleveland HS
Columbus MS
Community Charter
Early College HS
Dahlia Heights ES
Daniel Webster MS
Delevan Drive ES
Dorris Place ES
Downtown Value ES
Downtown Magnets HS
Eagle Rock ES
East Los Angeles Renaissance Academy
Emelita Street ES
Emerson MS
Euclid Avenue ES
Evans Service Area
Fair Avenue ES
Francisco Bravo Medical
Magnet HS
Fremont HS

Gledhill Street ES
Griffith MS
Hillside ES
Hobart Blvd. ES
Hopper Avenue ES
Huntington Drive ES
Jack H. Skirball MS
Irving MS
Loyola Village ES
Le Conte MS
Lincoln HS
Los Angeles Academy MS
Los Angeles County HS of the Arts
Magnolia ES
Malabar Street School
Mark Twain MS
Mayfield Academy HS
Markham MS
Melvin Avenue ES
Miramonte ES
Monte Vista ES
Mt. Gleason MS
Multnomah ES
Nightingale MS
Orthopedic Hospital
Medical Magnet HS
Wright MS STEAM
Magnet
Palms MS
Paseo del Rey Natural Science ES
Pio Pico ES
Pio Pico Span ES
Plasencia ES
Polytechnic HS
Pueblo HS
Rockdale ES
Reseda ES
Rosemont Ave. ES
Rosewood Ave. ES
San Jose ES
San Pascual ES
San Pedro ES
Santa Monica Blvd.
Community Charter
Sepulveda MS
South Gate HS
South Region ES #2
Sun Valley Magnet School
Sylmar HS
Taft HS
Tarzana ES
Toluca Lake ES
T.S. King MS
Wadsworth Avenue ES
Walgrove ES
Washington Irving MS
Washington Prep HS
Weemes ES
West Vernon ES
Westchester HS

Westport Hills ES
Wilshire Park ES
Wisdom ES
Woodrow Wilson HS
Valley Alternative HS
Valley Region ES #8
Vena ES
Virgil MS
LYNWOOD USD
Washington ES
LONG BEACH USD
Jefferson Leadership Academies
MILPITAS USD
Rose ES
MONTEBELLO USD
Cesar E. Chavez ES
ONTARIO MONTCLAIR SD
Kingsley ES
ORANGE USD
Orange HS
PASADENA USD
Altadena ES
Aveson Charter School
Blair HS
Cleveland ES
Don Benito ES
Education Center
Edison ES
Eliot MS
Field ES
Focus Point Academy
Garey HS
Hamilton ES
Jackson ES
James Madison ES
Jefferson ES
John Muir HS
Linda Vista ES
Loma Alta ES
Madison ES
Marshall MS/HS
McKinley Arts MS
Muir HS
Norma Coombs MS
Noyes ES
Pasadena HS
Roosevelt ES
San Rafael ES
Sierra Madre ES
Washington Accelerated ES
Washington MS
Webster ES
Willard ES
Wilson MS
POMONA USD
Allison ES
Alcott ES
Barfield ES
Ganesha HS
Garey HS
Kingsley ES

Neil Armstrong ES
Washington ES
Westmont ES
RANCHO CUCAMONGA USD
Alta Loma HS
RIALTO USD
Eisenhower HS
Rialto HS
RIO ELEMENTARY SD
Rio Real ES
ROWLAND USD
Hollingworth ES
Jellick ES
Nogales HS
SAN DIEGO USD
Curie ES
SAN JOSE USD
Willow Glen MS
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
SEBASTOPOLE UNION SD
The Reach School
SIERRA MADRE USD
Sierra Madre School
SIMI VALLEY USD
Santa Susana HS
TEHACHAPI USD
Monroe HS
TORRANCE USD
West HS
VALLE LINDO USD
Dean L. Shively ES
WALNUT VALLEY USD
Chaparral MS
Suzanne MS
Walnut HS
WESTMINSTER SD
Warner MS
William Workman HS
WHITTIER CITY USD
Edwards MS
WHITTIER UNION HIGH SD
Santa Fe HS

* Partial list only. For a comprehensive listing, visit artcenter.edu/teachers.

GENERAL INFORMATION

Fees / Credits / Discounts

Fee includes cost of materials, curriculum guide and parking.

	DBL-001-01 3 Semester Units	DBL-002-01 Non-Credit
Single Participant	\$760	\$625
Teacher Pair Discount*	\$710 per teacher	\$575 per teacher

Refund Policy

To receive a full tuition refund, your written notice of cancellation is required by July 20, 2015.

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 10, 2015, 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 \$135 payment either as a check payable to "Art Center College of Design" or by providing your credit card information, along with your registration form.

Location / Directions

Art Center College of Design, South Campus
950 South Raymond Ave., 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

Art Center gratefully acknowledges the following endowed funds that support student scholarships, and donors who have contributed \$1,000 or more to Public Programs between July 1, 2013 and June 30, 2014. Donors may choose to designate their gifts for general support or to specific programs including Art Center at Night, Saturday High, Art Center for Kids or the Summer Institute for Teachers: Grace Ray Anderson; Richard and Jean Coyne Family Foundation; Rowe and Gayle Giesen Trust; Annie S. Huang BFA 91; Judith G. Kelly; Lowell Milken Family Foundation and Professor Leah Toby Hoffnitz, Honorary Alumna; Dwight Stuart Youth Fund; Watson Design Associates; General Motors Foundation; Art Center at Night Endowed Scholarship for Hispanic Students; David and Judith Brown Endowed Scholarship for Saturday High; Mickey McGuire Endowed Scholarship; Ross Dimond Player and Madelyn Maberly Player Endowed Memorial Scholarship; Saturday High Endowed Scholarship for Hispanic Students.

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

SCHEDULE

5 DAYS
JULY 22-24 & 27-28
8:30 AM-4:30 PM

DAY 1
WEDNESDAY, JULY 22

Introduction to Design-Based Learning (DBL)

Learn to apply simplified design techniques to teach problem solving related to essential questions.

DAY 2
THURSDAY, JULY 23

Test Drive DBL Activities

Experience hands-on activities for engaging students in critical thinking.

DAY 3
FRIDAY, JULY 24

Make DBL Work for You

Apply Content and Common Core Standards to curriculum, instruction and assessment.

DAY 4
MONDAY, JULY 27

Learn Techniques for Assessment

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

DAY 5
TUESDAY, JULY 28

DBL and Your Classroom

Develop an action plan for your classroom.

SUMMER INSTITUTE FOR TEACHERS

Registration Form

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

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

Registering 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

☐ Yes ☐ No

Are you Hispanic or Latino?

Select one or more from the following categories:
☐ American Indian or Alaska Native ☐ Asian
☐ Black or African American ☐ White
☐ Native Hawaiian or Other Pacific Islander

Courses
(check all that apply)

☒ **Scholarship Applicant**
Scholarship covers tuition only. Unit credit is \$135 and scholarship recipient's responsibility.

☐ **Single Participant**
☐ DBL-001-01
3 Semester Units \$760

☐ DBL-002-01
Non-Credit \$625

☐ **Teacher Pair**
☐ DBL-001-01
3 Semester Units \$710 per teacher

☐ DBL-002-01
Non-Credit \$575 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?	

● Art Center College of Design

950 South Raymond Avenue
Pasadena, CA 91105
artcenter.edu/teachers

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2015 SUMMER INSTITUTE
FOR TEACHERS
JULY 22-24 & 27-28, 2015



SCHOLARSHIPS
AVAILABLE

- For K-12 Teachers in All Subject Areas
- Three Semester Units
- Five-Day Interactive Experience Taught by Working Classroom Teachers

DESIGN-BASED LEARNING

- Time-Tested Technique Proven to Raise Test Scores
- Highly Effective with ELL and Learning Disabled Students
- Applicable to All California Common Core Standards
- Reduces Teacher Burnout
- No Special Classroom Supplies or Equipment Required

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