



2014

SUMMER INSTITUTE FOR TEACHERS



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.

No matter what grade level or subject you teach, 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 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.

* 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

Renowned education leader Sir Ken Robinson said, "I believe this passionately: that we don't grow into creativity, we grow 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 content-related 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 might 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 would 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 essential questions related to ecology.



DESIGN-BASED LEARNING COULD BE THE PLATFORM TO TRULY REFORM AND PRODUCE AN EDUCATIONAL SYSTEM THAT MEETS THE NEEDS OF ALL STUDENTS. IT TAPS INTO ALL LEARNING MODALITIES TO HELP STUDENTS ACCESS THE CORE CURRICULUM.

Dai Shalon Jordan / Teacher, Grades 4-5/ Braddock Drive Elementary School, LAUSD

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. But 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. 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. 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. 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 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 SCHOOL DISTRICTS

Design-Based Learning Summer Institute for Teachers 2002–2013*

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
Cherryilee 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
GLENDALE 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

LAWDALE 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
East Los Angeles
Renaissance Academy

Euclid Avenue ES
Fair Avenue ES
Fremont HS
Hobart Blvd. ES

Sierra Madre ES
Huntington Drive ES
Lincoln HS
Magnolia ES

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
Ganesh HS

Garey HS
Kingsley ES
Neil Armstrong ES

Washington ES
RANCHO CUJAMONGA
USD

Alta Loma HS
RIALTO USD
Rialto HS

ROWLAND USD
Jellick 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
WOODBIDGE 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

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

THOSE FIVE DAYS OPENED MY EYES TO A NEW WAY OF TEACHING. THE SUMMER INSTITUTE FOR TEACHERS WAS THE BEST TRAINING SESSION I EVER ATTENDED. THANK YOU FOR THE EXPERIENCE, FOR A NEW PERSPECTIVE AND FOR A NEW TEACHING TOOL.

Christian Aguilar/Teacher, Science, Grades 7–9/Ambassador School of Global Leadership, LAUSD

GENERAL INFORMATION

Fees / Credits / Discounts

Fee includes cost of materials, curriculum guide and parking.

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

Refund Policy

To receive a full tuition refund, your written notice of cancellation is required by July 21, 2014.

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 11, 2014, 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 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 donors who have contributed \$1,000 or more to Public Programs between July 1, 2012 and June 30, 2013. 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, Margaret A. Cargill Foundation, Collectors Foundation, Richard and Jean Coyne Family Foundation, Rowe and Gayle Giesen Trust, Lowell Milken Family Foundation and Professor Leah Toby Hoffmitz, Honorary Alumna, The Kenneth T. and Eileen L. Norris Foundation, Marguerite Player Brown, Nancy Player Legler, Sally Player Petersen, Maureen Player Sundberg, Dwight Stuart Youth Fund, Lorraine Triolo and Jeffrey Burke.

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

SCHEDULE

5 DAYS
JULY 23-25 & 28-29
8:30 AM-4:30 PM

Day 1. Wednesday, July 23

Introduction to Design-Based Learning (DBL)

Learn to apply simplified design techniques to teach problem solving.

Day 2. Thursday, July 24

Test Drive DBL Activities

Experience hands-on activities for engaging students.

Day 3. Friday, July 25

Make DBL Work For You

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

Day 4. Monday, July 28

Learn Techniques For Assessment

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

Day 5. Tuesday, July 29

DBL & Your Classroom

Develop an action plan for your classroom.

SUMMER INSTITUTE FOR TEACHERS

FOR OFFICE USE ONLY:

RECEIVED PROGRAMMED CS
MP APP# 2014

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

Are you Hispanic or Latino?

☐ Yes ☐ No

Select one or 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

☐ Teacher Pair

☐ 4 Semester Units
\$630 per teacher

☐ DBL-002-01
Non-Credit \$500

☐ 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
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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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Scholarships
Available



2014 SUMMER INSTITUTE FOR TEACHERS

2014 SUMMER INSTITUTE FOR TEACHERS
JULY 23-25 & 28-29, 2014

- For K-12 Teachers in All Subject Areas
- Four 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