2013 SUMMER INSTITUTE FOR TEACHERS

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

Scholarships Available
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.
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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 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

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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
De Vinci Design HS
Dream Yard Los Angeles
East San Gabriel Valley
RCITY
Granada Hills Charter HS
LA Academy of Arts & Enterprise
Opportunities Unlimited
Charter School
Pacolma 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
Glendora 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
Bermont HS
Birmingham HS
Bridge Street ES
John Burroughs MS
Castellar 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
Palm MS
Pio Pico ES
Pio Pico Span ES
Plascencia 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
Averson 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 HS
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
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

*Partial list only. For a comprehensive listing, please visit arcenter.edu/teachers.
General Information

Fees / Credits / Discounts
Fee includes cost of materials, curriculum guide and parking.

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<td>4 Semester Units</td>
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<tr>
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Teacher Pair Discount* 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.
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

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**Information**
- 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  
    - Non-Credit $500  
- **Teacher Pair**  
  - 4 Semester Units $630 per teacher  
  - Non-Credit $450 per teacher  

**Payment**
- Check enclosed  
- MasterCard  
- Visa  
- Discover  
- American Express

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

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How did you hear about the Summer Institute for Teachers?
2013 SUMMER INSTITUTE FOR TEACHERS


- 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