

# 2017 SUMMER INSTITUTE FOR TEACHERS

CELEBRATING  
**15**  
YEARS



ARTCENTER.EDU/TEACHERS

## DESIGN-BASED LEARNING

Preparation for Teaching K–12 Common Core Standards  
and Performance-Based Assessment

SCHOLARSHIPS AVAILABLE

# The Summer Institute for Teachers is an intensive five-day interactive experience based on 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. Engaging students to learn through this hands-on methodology leads to improved attendance, fewer discipline problems and higher scores on Performance Tasks and Common Core 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

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.

## AWARD-WINNING PROGRAM

Founded in 2002, ArtCenter'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 ArtCenter 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. The UCLA Library Special Collections houses her archive. 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](http://csupomona.edu/copyright.html).

## HANDS-ON ACTIVITIES ENHANCE STUDENT PERFORMANCE

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 hereditary traits. The students then study inheritance patterns and learn to make predictions. 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.



"DBL GAVE ME TOOLS TO BECOME THE DESIGNER OF MY CLASSROOM AND MY CURRICULUM. AS A NEW TEACHER, DBL HAS BECOME MY GATEWAY TO TEACHING THE FOUR Cs—CRITICAL THINKING, COMMUNICATION, COLLABORATION AND CREATIVITY."

STEPHANIE NA  
William Workman High School, HLPUSD



"I AM ENJOYING CREATING GUIDED LESSONS WHICH ALLOW THE STUDENTS TO SHOW THEIR TRANSFER OF LEARNING IN AN ORGANIC WAY—FROM THE NEVER-BEFORE-SEEN STARTER TO A FORM OF ASSESSMENT WHICH SHOWS THEIR ACQUISITION AND UNDERSTANDING OF GRADE LEVEL CONTENT STANDARDS."

LYNN FISHER  
Second Grade, McKinley School, San Gabriel Unified School District

## 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 2002–2016\*

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  
Cherrylee ES  
Columbia MS  
District HS  
Durfee MS  
Le Gore ES  
Rio Hondo MS  
Rosemead HS  
Wilkinson ES  
GARVEY USD  
Temple Intermediate ES  
GLENDALE USD  
Cerritos ES  
Edison ES  
Mark Keppel ES  
GLENORA 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  
LONG BEACH USD  
Jefferson Leadership Academies  
St. Joseph's Catholic School  
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  
Huntington Park 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  
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 ES  
South Region ES #2  
Sun Valley Magnet School  
Sylmar HS  
Taft HS  
Tarzana ES  
Toluca Lake ES  
T.S. King MS  
Valley Alternative HS  
Valley Region ES #8  
Vena ES

Virgil 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  
Wright MS STEAM Magnet  
LYNWOOD USD  
Washington ES  
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 GABRIEL USD  
Jefferson MS  
Wilson ES  
SAN JOSE USD  
Willow Glen 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  
SEBASTOPOL 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  
WEST COVINA USD  
Cameron ES  
Orangewood ES

\* Partial list only. For a comprehensive listing, visit [artcenter.edu/teachers](http://artcenter.edu/teachers).

## GENERAL INFORMATION

### Fees/Credits/Discounts

Fee includes cost of materials, curriculum guide and parking.

	DBL-014-01 3 Semester Units	DBL-015-01 Non-Credit
Single Participant	\$760	\$625
Teacher Pair Discount*	\$710 per teacher	\$575 per teacher
Scholarship Applicant	\$135	\$0

### Refund Policy

To receive a full tuition refund, your written notice of cancellation is required by July 17, 2017.

### 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 7, 2017, 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 "ArtCenter College of Design" or by providing your credit card information, along with your registration form.

### Location/Directions

**ArtCenter College of Design, South Campus**  
950 South Raymond Ave., Pasadena, CA 91105  
For directions to ArtCenter, visit [artcenter.edu](http://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  
[K12teachers@artcenter.edu](mailto:K12teachers@artcenter.edu)  
[artcenter.edu/teachers](http://artcenter.edu/teachers)

ArtCenter 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, 2015 and June 30, 2016. Donors may choose to designate their gifts for general support or to specific programs including ArtCenter at Night, ArtCenter for Teens, ArtCenter for Kids or ArtCenter for Teachers: Lowell Milken Family Foundation and Professor Leah Toby Hoffnitz, Honorary Alumna; Genevieve Beauvais; Ramone C. Muñoz (BFA 77, MFA 90) and Tom Jacobson; Richard and Jean Coyne Family Foundation; General Motors Foundation; Rowe and Gayle Giesen Trust; ArtCenter at Night Endowed Scholarship for Hispanic Students; ArtCenter for Teens Endowed Scholarship for Hispanic Students; David and Judith Brown Endowed Scholarship for ArtCenter for Teens; Mickey McGuire Endowed Scholarship; Ross Diamond Player and Madelyn Maberly Player Endowed Memorial Scholarship.

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

## SCHEDULE

5 DAYS  
JULY 19-21 & 24-25  
8:30 AM-4:30 PM

DAY 1  
WEDNESDAY, JULY 19  
**Introduction to Design-Based Learning (DBL)**  
Learn to apply simplified design techniques to teach problem solving related to essential questions.

DAY 2  
THURSDAY, JULY 20  
**Test Drive DBL Activities**  
Experience hands-on activities for engaging students in critical thinking.

DAY 3  
FRIDAY, JULY 21  
**Make DBL Work for You**  
Apply Content and Common Core Standards to curriculum, instruction and assessment.

DAY 4  
MONDAY, JULY 24  
**Learn Techniques for Assessment**  
Establish criteria for evaluating Design-Based Learning across the curriculum.

DAY 5  
TUESDAY, JULY 25  
**DBL and Your Classroom**  
Develop an action plan for your classroom.

## SUMMER INSTITUTE FOR TEACHERS

FOR OFFICE USE ONLY:  
☐ RECEIVED ☐ PROGRAMMED ☐ CS  
☐ MP ☐ APP# 2017

### Registration Form

**Please complete the registration form below, including your signature.** Attach a check or money order in the exact amount payable to "ArtCenter 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  
ArtCenter 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-Th: 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 one

#### Single Participant

☐ DBL-014-01  
3 Semester Units \$760  
☐ DBL-015-01  
Non-Credit \$625

#### Teacher Pair

☐ DBL-014-01  
3 Semester Units \$710 per teacher  
☐ DBL-015-01  
Non-Credit \$575 per teacher

#### Scholarship Applicant

☐ DBL-014-01  
3 Semester Units \$135  
☐ DBL-015-01  
Non-Credit \$0

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 ArtCenter, I agree to abide by all policies and regulations of the College.**

Signature Date

How did you hear about the Summer Institute for Teachers?

2017 SUMMER INSTITUTE  
FOR TEACHERS  
JULY 19-21 & 24-25, 2017



SCHOLARSHIPS  
AVAILABLE

- For K-12 Teachers in All Subject Areas
- Three Semester Units Available
- 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