

2016 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 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 cuspomona.edu/copyright.html.

HANDS-ON ACTIVITIES ENHANCE STUDENT PERFORMANCE

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.



"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

"IN THE PAST, PROJECTS THAT STUDENTS BUILT ONLY COMPLEMENTED A LESSON. BUT IN DESIGN-BASED LEARNING, THEIR DESIGNS ARE THE CENTER OF LESSONS AND WHAT THEY MAKE BECOMES RELEVANT TO ALL SUBJECTS THROUGHOUT THE YEAR."

JOSEPH LECHNER
Grade 2, Orangewood ES, West Covina USD

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 2002-2015*

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
Wilkinson 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
LONG BEACH USD
Jefferson Leadership Academies
St. John'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 HS
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
Ganeshia 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.

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 18, 2016.

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 8, 2016, 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.

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

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, 2014, and June 30, 2015. Donors may choose to designate their gifts for general support or to specific programs including ArtCenter at Night, Saturday High, ArtCenter for Kids or the Summer Institute for Teachers: Grace Ray Anderson; Leon Lowenstein Foundation; Lowell Milken Family Foundation and Professor Leah Toby Hoffnitz; Honorary Alumna; Ooty Moorehead (BFA 07); Ramone C. Muñoz (BFA 77, MFA 90) and Tom Jacobson; Nancy and Thomas Suiter (BFA 77); Carolyn Watson; Richard and Jean Coyne Family Foundation; General Motors Foundation; Dwight Stuart Youth Fund; Rowe and Gayle Giesen Trust; ArtCenter at Night Endowed Scholarship for Hispanic Students; Saturday High Endowed Scholarship for Hispanic Students; David and Judith Brown Endowed Scholarship for Saturday High; 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 20-22 & 25-26
8:30 AM-4:30 PM

DAY 1 WEDNESDAY, JULY 20 Introduction to Design- Based Learning (DBL)

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

DAY 2 THURSDAY, JULY 21 Test Drive DBL Activities

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

DAY 3 FRIDAY, JULY 22 Make DBL Work for You

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

DAY 4 MONDAY, JULY 25 Learn Techniques for Assessment

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

DAY 5 TUESDAY, JULY 26 DBL and Your Classroom

Develop an action plan for your classroom.

SUMMER INSTITUTE FOR TEACHERS

FOR OFFICE USE ONLY:
☐ RECEIVED ☐ PROGRAMMED ☐ CS
☐ MP ☐ APP# 2016

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?

ArtCenter

950 SOUTH RAYMOND AVE.
PASADENA, CA 91105

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2016 SUMMER INSTITUTE
FOR TEACHERS
JULY 20-22 & 25-26, 2016



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