2015 SUMMER INSTITUTE FOR TEACHERS

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

SCHOLARSHIPS AVAILABLE

ARTCENTER.EDU/TEACHERS
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 taught.” This is 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 adjust the square footage of 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.

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.

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 (25 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.
"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

2015 Summer Institute for Teachers
K–12 Classrooms.

Approach to work in their own university, Pomona and who have California State Polytechnic University in Design-Based Learning from public school educators who. The faculty of the Summer Teacher 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.

FUn, iNTERACTIVE eXPERIENCE

The five-day Summer Institute for Teachers consists of participatory hands-on activities that stimulate creativity and improve overall student performance.

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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. 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.

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 programs are unaffected by a result, Design-Based Learning supports thinking creatively and improve overall student performance.

Venn Diagrams--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 programs are unaffected by a result, Design-Based Learning supports thinking creatively and improve overall student performance.

Full list of participating schools.

ARTCENTER.EDU/TEACHERS

* Partial list only. For a comprehensive listing, visit artcenter.edu/teachers.
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
For mail-in registration only, please make check payable to Art Center College of Design. For online registration, please supply the necessary credit card information, including signature, on the form. Credit card number, expiration date, and security code are required.

Registering by Mail
Send completed form & payment to: 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-F: 10 am–9 pm / F: 10 am–5 pm

Scholarship covers tuition only. Unit credit is $135 and scholarship recipient’s responsibility.

Scholarship Applicant
$710 per teacher
$575 per teacher

Single Participant
$760 3 Semester Units
$625 Non-Credit

Teacher Pair Discount* $710 per teacher $575 per teacher

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.

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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

Please contact:
Paula Goodman, Director, K–12 Programs
626.396.2347
K-12teachers@artcenter.edu
artcenter.edu/teachers

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

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.

Please contact:
Paula Goodman, Director, K–12 Programs
626.396.2347
K-12teachers@artcenter.edu
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Art Center College of Design 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 scholarships, and donors who have contributed $1,000 or more to Public Programs are invited to contact the Development Office at 626.396.2347 or visit artcenter.edu/teachers

K–12teachers@artcenter.edu
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For additional information, please contact:
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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?

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

For more information, please visit artcenter.edu/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

SCHOLARSHIPS AVAILABLE

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