

# Biomimicry: a Beacon of Light for Today's Innovative Educators



*Looking for a way to get your students attention and get them thinking using 21st Century skills? Ask them to explain the connection between a moth's eye and a cell phone screen or, the connection between the blue morpho butterfly and fabric.*

If you don't know the answers yourself, then welcome to the amazing and inspiring world of biomimicry. For educators, biomimicry provides a tool to engage students in the science of today, inspire them with solutions-based thinking and, introduce them to the jobs of tomorrow. For young people, biomimicry is a beacon of light that provides them with positive solutions and realistic tools.

This introduction to biomimicry is divided into 2 parts, an initial on-line component that teachers will do on their own and, a one-day hands-on workshop.



Through the 7-hour on-line course, teachers will learn what biomimicry is and how it contrasts with other biologically-related technologies; how biomimicry is a promising approach to technological innovation and sustainability; why students find the topic of biomimicry so compelling and relevant to their lives; as well as various approaches to teaching the subject to students.

During the 8-hour hands-on workshop participants will examine real-life technology case studies and participate in proven biomimicry teaching/learning exercises with a biomimicry education expert. Time will be given so that participants can, individually or together, integrate the material presented into their existing curriculum.

CO-SPONSORED WITH BIOMIMICRY INSTITUTE AND BIODREAMMACHINE

**AUDIENCE:** Recommended for Middle & High School Teachers

**DATES:** July 16 - 8 am - 4:30 pm

**LOCATION:** P/NW BOCES Front Conference Room

**FEE:** \$190

**CREDIT:** Recommended for 1 in-service credit

**PRESENTER:** **Tom McKeag**, Biomimicry Educator and President of BioDreamMachine

*Tom McKeag teaches bio-inspired design at the California College of the Arts and University of California, Berkeley, is the founder and president of BioDreamMachine, helped establish the nation's first public elementary school course in biomimicry, and works as a licensed landscape architect and community planner.*

**TO REGISTER:** Go to My Learning Plan at [www.pnwboces.org/catalog](http://www.pnwboces.org/catalog) and select *Center for Environmental Education* under Programs, then click on the *View Now* button. Scroll down and double click on **Biomimicry: a Beacon of Light for Today's Innovative Educators Workshop**. On the next screen select the *Click to Enroll* button and follow the instructions to register.



Questions contact: Dorna Schroeter at [dschroeter@pnwboces.org](mailto:dschroeter@pnwboces.org)  
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