

## Energy

# Now You're Cooking: Designing Solar Ovens

### TEACHER RESOURCE

## Cradle to Cradle Design

In this TED talk, architect William McDonough explains how green design can prevent environmental disaster and drive economic growth. He champions "cradle to cradle" design, which considers a product's full life cycle — from creation with sustainable materials to a recycled afterlife. (20:00)

<http://bit.ly/bB2n9b>

### IMAGES AND VISUALIZATIONS

## New Ways to Catch Rays

This is an extension site for NOVA's *Saved by the Sun* program. It includes resources for grades 3-5 where kids can take a look at six of the hottest new solar technologies.

<http://www.pbs.org/wgbh/nova/tech/solar-tech.html>

### VIDEO FOR STUDENTS

## Cooking with the Sun

This video from CBS's Early Show highlights various styles of commercial solar ovens and the foods they tested with them. The video also addresses the how and why you would want to cook with a solar oven. (5:00)

<http://www.cbsnews.com/news/cooking-with-the-sun/>

### STUDENT RESOURCES

## Life Cycle of a Jean

This interactive developed by Levi-Strauss lets you explore the "life cycle" of a typical pair of jeans and provides environmental images at each stage — growing the cotton, prewashing the denim, and more.

<http://www.levistrauss.com/sustainability/innovative-practices/planet/>

## Heat Transfer

This heat transfer interactive from PBS LearningMedia™ illustrates and animates conduction, convection and radiation. Requires free registration with PBS LearningMedia™.

<http://bit.ly/18ERzjc>