



# Inside the Outdoors and Engineering is Elementary



Engineering is Elementary is a supplemental curriculum that can help extend your students learning before or after their Field Trip with Inside the Outdoors. This list is a guide of possible lessons that can help support your students learning.

## **Aliso Watershed/Chino Hills**

- A Slick Solution: Cleaning an Oil Spill
- Insects
- Just Passing Through: Designing Model Membranes

## **Crystal Cove**

- A Slick Solution: Cleaning an Oil Spill
- Now You're Cooking: Designing Solar Ovens
- Water, Water Everywhere: Designing Water Filters

## **Investigating Ecosystems - 4th Grade**

- The Best of Bugs: Designing Hand Pollinators
- Just Passing Through: Designing Model Membranes
- Thinking Inside the Box: Designing Plant Packages

## **Investigating Ecosystems - 5th Grade**

- A Slick Solution: Cleaning an Oil Spill

## **Irvine Regional Park**

- A Stick in the Mud: Evaluating a Landscape
- The Best of Bugs: Designing Hand Pollinators
- Thinking Inside the Box: Designing Plant Packages

## **Modjeska Canyon**

- A Slick Solution: Cleaning an Oil Spill
- Now You're Cooking: Designing Solar Ovens
- Water, Water Everywhere: Designing Water Filters

## **Rancho Soñado**

- A Slick Solution: Cleaning an Oil Spill
- Now You're Cooking: Designing Solar Ovens
- Water, Water Everywhere: Designing Water Filters

## **Santiago Oaks**

- A Stick in the Mud: Evaluating a Landscape
- Insects
- A Slick Solution: Cleaning an Oil Spill
- Just Passing Through: Designing Model Membranes

## **Upper Newport Bay**

- A Stick in the Mud: Evaluating a Landscape
- The Best of Bugs: Designing Hand Pollinators
- Just Passing Through: Designing Model Membranes
- Thinking Inside the Box: Designing Plant Packages

## **Wild Wetlands**

- A Slick Solution: Cleaning an Oil Spill
- Insects
- Just Passing Through: Designing Model Membranes

## **Shibley and Mt. SAC Programs**

### **Ecosystem Extravaganza Kindergarten**

- A Slick Solution: Cleaning an Oil Spill
- Thinking Inside the Box: Designing Plant Packages
- Plant & Animal Superpowers
- Spinning Sky

### **Ecosystem Extravaganza - Plants**

- Just Passing Through: Designing Model Membranes
- The Best of Bugs: Designing Hand Pollinators