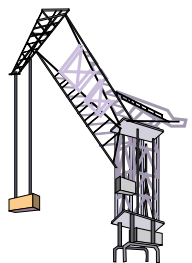
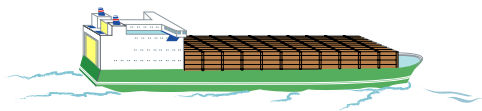
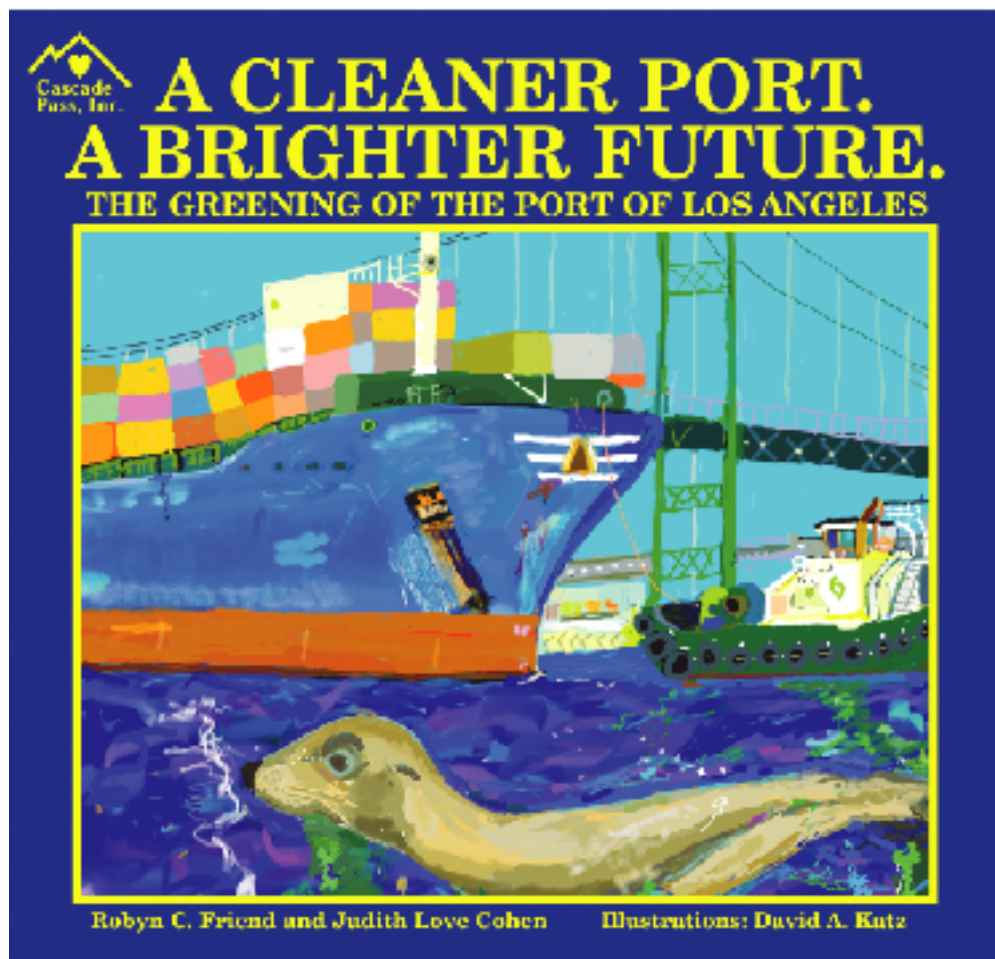


A CLEANER PORT. A BRIGHTER FUTURE.

THE GREENING OF THE PORT OF LOS ANGELES



A CLEANER PORT, A BRIGHTER FUTURE

LESSON PLAN 1: OIL SPILL

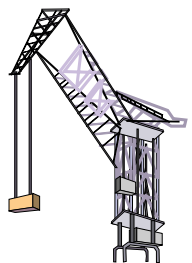
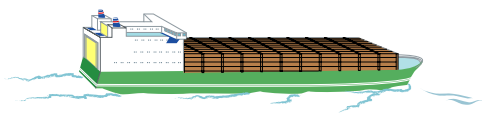
- PURPOSE:** To understand how oil spills can harm the environment.
- MATERIALS:** Salad oil, red pepper, popcorn, tissue paper bits, seeds, cotton balls, detergent, popsicle sticks.
- PROCEDURES:** Mix red pepper with three tablespoons of oil. Pour this oil into a small bowl of clean water. Drop the popcorn, tissue paper, seeds into the small bowl, then take them out. Try cleaning up oil with cotton balls, sticks, detergent.
- CONCLUSIOS:** Is it easy to clean up spills? What works best? Does detergent also harm sea life?

LESSON PLAN 2: RECYCLING

- PURPOSE:** To learn about recycling and what and how you can recycle.
- MATERIALS:** Pictures of four recycling bins, glue, markers, scissors, pictures of trash items.
- PROCEDURES:** Color bins and trash with markers. Cut out trash and glue in appropriate bins.
- CONCLUSION:** Many common household items are recyclable. Some items are not. Which items are not recyclable?

LESSON PLAN 3: HABITATS

- PURPOSE:** To understand how species in an ocean habitat have specific roles and special adaptations for survival.
- MATERIALS:** Mural-sized paper, art supplies (crayons, paint, colored pencils, glitter, etc.), scissors, glue.
- PROCEDURE:** Plan and construct a mural to illustrate plants and animals in a specific marine ecosystem (e.g., reef, kelp forest.)



Lesson Plans for Teachers

CONCLUSION: Where in the world is your ecosystem? What kind of fish and plants live in this habitat? How do colors and shapes of fish relate to their habitat? Which are predators and what do they eat? Compare the shapes and colors with plants and animals that live in other ecosystems.

RESOURCES: Posters, textbooks on marine biology or specific ocean communities, magazine articles. Visit a local aquarium. Take a trip to a habitat (e.g., reef, kelp forest.)

