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Science Probe - Wildlife Management Scenario Group 4

Center for Urban Resilience

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Name(s): _____

Date: _____

Class Period: _____

Coyote Wildlife Management Science Probe

Directions: In your group, read the information below about the damage coyotes can do in urban and rural areas. Then, read the scenario question you have been given and come up with a possible solution. Be prepared to present your solution to the group.

Excerpt from "Managing Coyote Problems", Los Angeles Animal Control, November 2016:

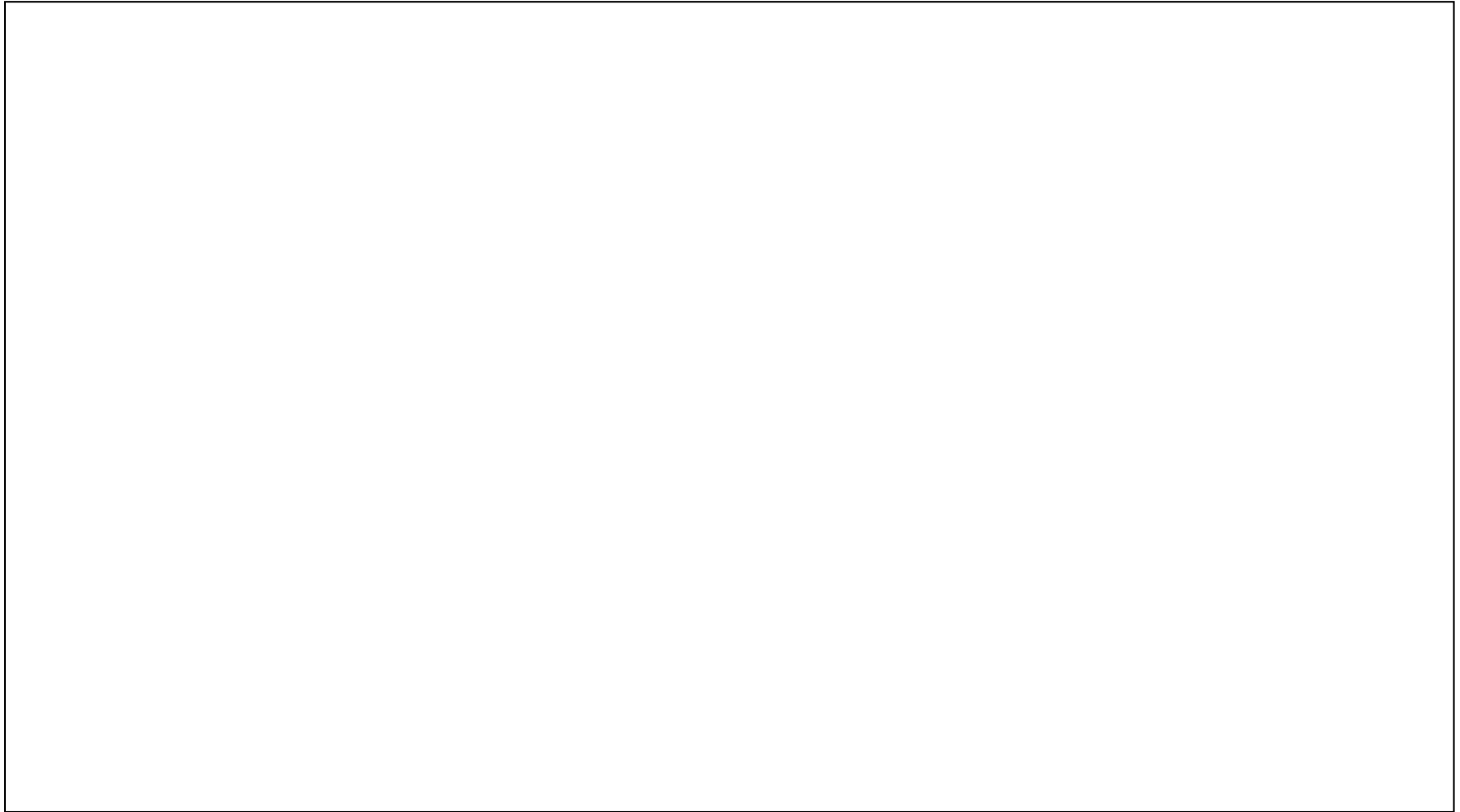
DAMAGE

Coyotes can cause substantial damage. In rural areas they oftentimes kill sheep, calves and poultry. In some parts of the state they cause damage to drip irrigation systems by biting holes in the pipe. In other areas they cause considerable damage to watermelons, citrus fruits and avocados. Aircraft safety is often jeopardized when coyotes take up residence on or near runways. Coyotes have also been known to prey on various endangered/threatened species including the San Joaquin kit fox and the California least tern. In urban and suburban areas, coyotes commonly take domestic house cats, small dogs, poultry and other domestic animals. Coyotes have been known to attack humans.

Scenario: You are the Director of Safety at the local airport. Coyotes are frequently crossing in front of planes, impeding the flow of airport business and causing increased safety concerns for workers and passengers. You have hired a local trapper to trap and remove several coyotes. A week later more coyotes are seen on the runway. Your workers have found a den nearby with five coyote pups in it. You love animals and want the best for them, but also are concerned about the safety issue and the flow of air traffic at the airport. You are unsure how to proceed.

Task: You have scheduled a meeting with your airport workers and managers, in order to brainstorm solutions to the problem.

Proposed Solution(s):

A large, empty rectangular box with a thin black border, intended for the user to write their proposed solution(s). The box is currently blank.