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Science Probe - Wildlife Management Scenario Group 3

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:

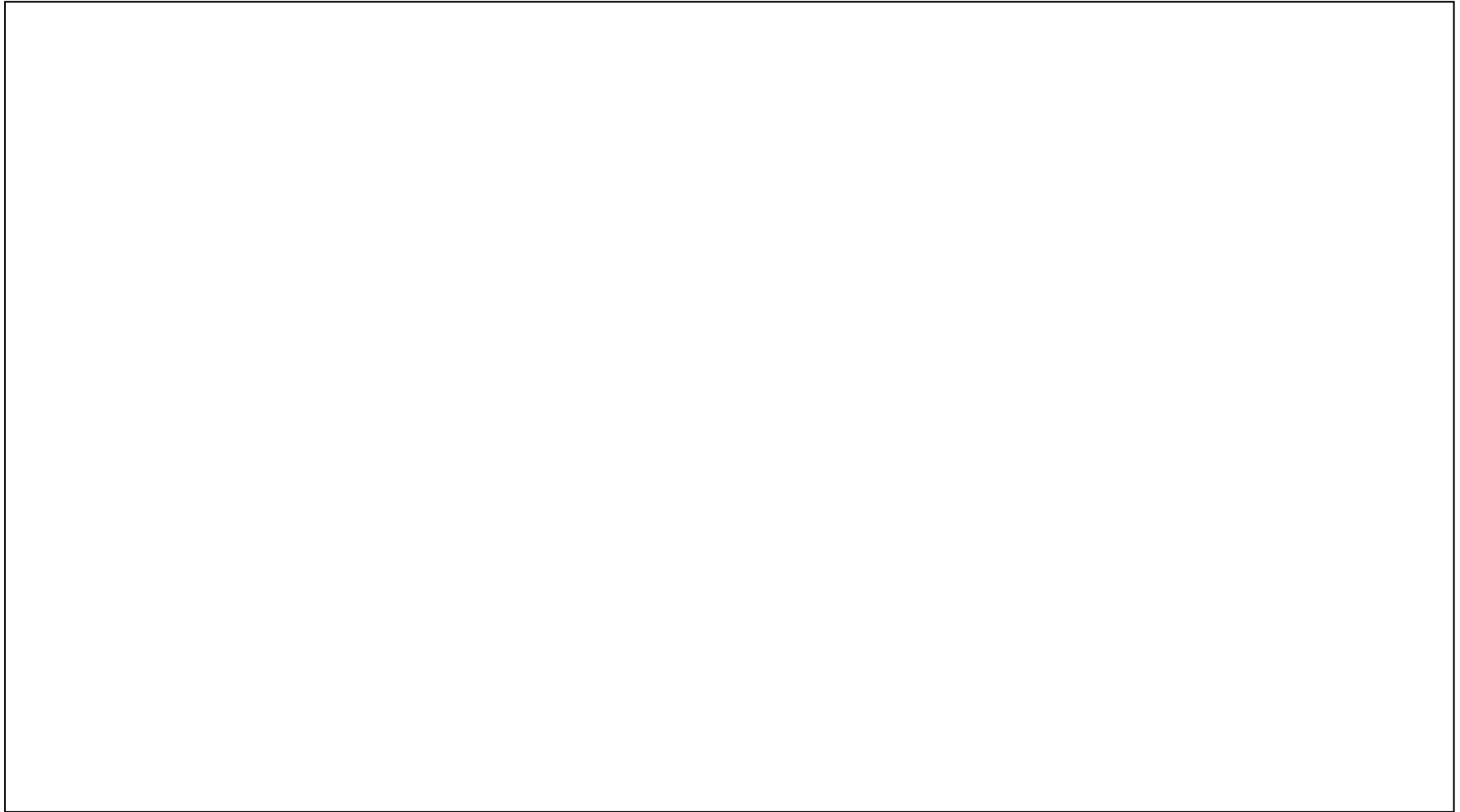
DAMAGE

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 a farmer. Several of your citrus and fruit crops are being damaged by coyotes that are eating the fruit from your trees. You like nature and wildlife so don't want to harm the coyotes, but at the same time, you are losing money in revenue from lost fruit yields. You are conflicted about how to proceed.

Task: You have scheduled a meeting with your workers, 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.