

## Narrowing, Round 2



**Essential Question:** *What makes these three options the best?*

### Overview

In this activity, you will compare the options you developed in Lesson 2: *Narrowing, Round 1*. As a group, you will need to reach a consensus about which three options are the best. (The three options that you choose should be very different from each other.) As you discuss the different options, remember to use evidence to support your position. Use the readings from Chapter 4: Ecosystems to better understand the consequences of altering the environment. Use your group's list of constraints and considerations to guide your choices and eliminate unsuitable options.

### Materials

For each group:

- 3 options and consequence charts from each member of the group
- Set of 6 small, laminated building pieces

For the class:

- Laminated Gopher Tortoise Burrows map
- Large, clingy building pieces for Gopher map

### Procedure

Discuss with your group the options that were developed. Select the best three possibilities. Use the consequence charts to help make your decision. Make sure that your options meet your constraints and considerations.

Remember to consider that:

- Gopher tortoises will not swim across the river. If you want the tortoises to be able to use the land across the river, you must provide them with access to that area. (Re-read Chapter 4, Lesson 1: *Gopher Tortoises* for hints.) If you do this, consider the consequences if your plan does not work and the animals do not have access to that land.
- All of the tortoises need access to each other. They also need access to appropriate burrowing and feeding areas. If your buildings block access to a needed area of the land, you need to consider the consequences.
- Covering most or all of one plant community could have serious effects on the food web. Review the readings and food web from the Ecosystems chapter to understand the impacts of eliminating certain plants or animals.