

## **Objective**

Collaborate with a group to design and model a solution to help caribou migrate. A highway blocks the path they once used. Now they need help in finding a new route around the human-made change to their environment

What question will you investigate to meet this objective?

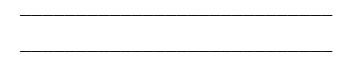
## **Materials**

- · craft sticks
- tape
- cardboard
- glue
- · chenille sticks
- wood
- clay
- other materials you choose

## **Procedure**

**STEP 1** Migrating caribou have to cross a highway that blocks their migratory path. Think about the problems, and then write them down clearly.

STEP 2 Work with a group. Together, brainstorm solutions to the problem of the migrating caribou. How might you design a solution to help the caribou cross the highway? Or will you redesign the highway?





STEP 3 Work with your group to design a solution. Draw or build your design with materials of your choice.	
STEP 4 Label the parts of your design or model. Write what those parts are and now the parts solve the problem below.	The second
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Analyze Your Results STEP 5 Compare your design solutions to class. How are the designs similar? How are	
STEP 6 Which group do you think has the work the best? Explain why you think so.	design solution that will

Name
STEP 7 What problems does each model create?
Draw Conclusions
STEP 8 Make a claim about the problems or issues your design may have, if any.
STEP 9 How might you improve your design? Explain.
STEP 10 How can humans affect animal migration patterns? Cite evidence.
STEP 11 What other questions do you still have about animal migration: