

Name: \_\_\_\_\_ Date: \_\_\_\_\_



# Bats & Agave



## Identify the Problem

1. **Before** we can choose which agave habitats to protect in New Mexico, we need to find out (*circle one*):
- how many** Lesser Long-Nosed Bats there are in New Mexico.
  - why** Lesser Long-Nosed Bats feed on nectar instead of insects.
  - where** Lesser Long-Nosed Bats can be found in New Mexico in the fall.

## Make a Choice

2. Circle **which bat study method** your team chose:



### Community Science

Lets you identify all the bats that visit hummingbird feeders in a few towns and cities.



### Sound Recording

Lets you identify all the bats that fly near a few recorders.



### Radio Tracking

Lets you make a map of where a small group of Lesser Long-Nosed Bats fly each night.

3. **Explain** why you think this might be the best way to find out **where** Lesser Long-nosed Bats are found in New Mexico in the fall:

*I think this is the best study method because* \_\_\_\_\_

\_\_\_\_\_

## Your Study

4. Circle at least one **advantage** of your study:

*gives very detailed data*

*covers a big area*

*doesn't cost much money*

5. Circle at least one **disadvantage** of your study:

*misses bats in wild areas*

*covers a small area*

*costs a lot of money*

Now **open** your envelope to view the **results** of your study!



## Your Results

Open the envelope and read the **results** of your study with your team.

6. Based on **where** your study found Lesser Long-Nosed Bats, draw a **checkmark** on **2 agave habitats** that you would choose to protect on the map below:



## What You Learned

7. **Wait** until the end of the class discussion to answer this question. Based on what you learned, **if you were to do this study again**, would you still choose the **same** study method? **Explain** why or why not.

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Community  
Science



Sound  
Recording



Radio  
Tracking