

Volcano Dreaming Worksheet Series

## Introduction: Sharing Resources. **1. The Bean game.**

On an increasingly crowded planet, we have to do a lot of sharing. We share food, we share space with others, we share time and we share information. What are some good sharing strategies or plans?

### Aim:

- a. To learn the importance of co-operation in sustaining natural resources such as grasslands.
- b. Each player aims to get as many beans as possible in the time allowed.

### Materials:

Bowls, bean supply, students, teachers with more beans, timer, bell.

### Method:

Students sit in 3's with a bowl containing 10 beans. When the bell rings each student may take as many beans as they like until the bell rings again.

Every 10 seconds, for 3 minutes, a bell rings and while the students freeze, a teacher will double the number of beans in the bowl.

Game 1. After the first round, discuss the outcome and allow the students to discuss strategies prior to the next round.

Game 2. How were the results different this time?

Game 3. Discuss.

### Discussion Points.

1. What is the difference between a renewable and a non-renewable resource?
2. What happens to the Striped legless Lizard if all the rocks are removed from its habitat?
3. What happens if all the native grasses are removed?
4. Is it OK to destroy the resources (habitat) of another species?
5. How can we best manage things to share our environment with native flora and fauna?
6. Making Rules. During the game, did you make rules for your group? Was this useful? What is the value of having rules?

