

## Mining and Rehabilitation Board Game

### Topic: Mining and Rehabilitation

#### Background Information:

Alcoa mines and rehabilitates approximately 550 hectares per year. The aim of rehabilitation is to return a self sustaining Jarrah Forest. The Alcoa environmental team aim for 100% species richness.

#### What You Need To Do:

- Brainstorm problems that may cause delays throughout the mining process
- Brainstorm problems that may cause problems for rehabilitation
- Create a board game of the mining and rehabilitation process – include the problems faced by both areas. Consider the style of game, how many players, aim of the game, equipment needed, game rules and how the game will be stored.

#### Extension/Alternatives:

Develop a game that is not a board game (e.g. card game)

#### Curriculum Links:

**English:** Writing, Viewing

**Society and Environment:** Place and Space, Natural and Social Systems, Resources, Culture, Time Continuity and Change, Active Citizenship - Ecological Sustainability

**Science:** Life and Living, Earth and Beyond

**Technology and Enterprise:** Information, Technology Skills

**Mathematics:** Chance and Data

#### Values

5. Environmental Responsibility