

Design a Brochure

Topic: Rehabilitation

Background Information:

After a company has mined an area, they will rehabilitate the area. Their job is to REDUCE the number of differences between native bush and the mined area. They want both flora (plants) and fauna (animals) returned to the area.

In Western Australia bauxite mining occurs in the Jarrah Forest. Alcoa is committed to returning a self sustaining Jarrah Forest that will fulfil the pre-mining land uses. As part of the mine planning and approval process, flora and fauna surveys are conducted in the areas proposed for mining. Flora surveys map vegetation types and identify rare and priority species, whilst fauna surveys are conducted to determine the animal species in the area.

Once rehabilitation has taken place flora monitoring is conducted to measure the success of mine rehabilitation and it's similarity to unmined forest. Animal monitoring also takes place to determine the return of animal species to the mined area.

What Your Need to Do:

- Your task is to design an informative brochure that shows the steps a company is taking to rehabilitate an area of land.
- Compare and contrast an area of native bushland and an area that has been mined.
- Do up a Venn diagram which shows the similarities and differences between the two areas. This Venn diagram will help you when it is time to prepare your brochure.
- Consider the audience of your brochure. If the information is being given to a group of young children, the language, layout and pictures will be very different than if it is being read by adults.
- Gather information regarding the rehabilitation processes of your chosen mining company
- Write a paragraph about the reasons for the requirement that an area be rehabilitated after mining

- Access some photos of a rehabilitated area
- Decide if you will do your brochure on the computer (in which case Publisher is a great program to use for brochures) or if you will do it by hand. If done artistically, a hand written document can stand out from the rest
- Design and publish your brochure.

Curriculum Links

English: Writing, Viewing

Society and Environment: Place and Space, Natural and Social Systems, Resources, Active Citizenship - Ecological Sustainability

Science: Life and Living, Earth and Beyond

Values

Environmental Responsibility
Conservation of the environment
Sustainable development