



Environmental issues

Name: Class: Date due:

Choose activities totalling at least 10 points from the selection below. Circle your choices on this sheet. Attach the results (and printouts of online activities) to this sheet and pass it to your teacher by the due date.



1. Answer Challenge questions • Answer all Challenge questions from Environmental Issues — page 15 of the *Atlas of Discovery*. Three points



2. Answer Challenge questions • Answer all Challenge questions from Threatened Environments — page 61 of the *Atlas of Discovery*. Three points



3. Play Hotspot Commander • Go to the Hotspot Commander Environmental Issues site (www.jaconline.com.au/hotspot/) and play the game. Print out your results sheet and attach it to this one. Three points



4. Label a diagram • Download the Deforestation worksheet (www.jaconline.com.au/atlasofdiscovery/links/learningcentres.html) and add labels to show your understanding of the processes involved in deforestation. Four points



5. Complete a worksheet • Download The Dissolving Sphinx worksheet (www.jaconline.com.au/atlasofdiscovery/links/learningcentres.html) and follow the instructions to find out what is eating the famous Sphinx in Egypt. Three points

6. Create a choropleth map • Use a world map outline (www.jaconline.com.au/atlasofdiscovery/links/mapmaster.html) and the statistics on pages 166–173 of the *Atlas of Discovery*. Create a choropleth map that clearly shows the world pattern of carbon dioxide pollution. Carbon dioxide is produced from burning fossil fuels, and it is the leading contributor to global warming. Use four graded colours from the same colour group to show the pattern. For example, dark brown (most), mid-brown, light-brown, yellow (least). A suggested key for the CO₂ emissions might be:

Over 1 000 000 000 metric tons	100 000 000 to 500 000 000 metric tons
500 000 000 to 1 000 000 000 metric tons	Under 100 000 000 metric tons.

Six points



7. Prepare a PowerPoint presentation • Select and research one global environmental issue. Prepare a PowerPoint presentation for the class that includes:

- an introduction to the issue
- details of how it occurs, including a diagram
- a map that shows where it occurs
- examples of the damage caused, including diagrams or photographs
- information about how the problem is being managed
- examples of management plans.

Seven points



8. Plan a current issue project • Select an environmental issue from a local newspaper. Prepare a report that outlines what the issue is, what the impacts of the change (positive or negative) may be, which groups are for and against the change, and what the resolution was (or is likely to be). You may like to visit the site to take photographs or make sketches and interview local residents involved in the issue. Seven points