



Erupting volcanoes

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 Erupting Volcanoes — page 5 of the *Atlas of Discovery*. **Three points**



2. Play Jigzone • Go to the Jigzone Tectonic Plates site (www.jaconline.com.au/jigzone/) and play the game. Print out your results sheet and attach it to this one. **Three points**



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



4. Look for patterns on a map • Download the Living on the Fault Line worksheet (www.jaconline.com.au/atlasofdiscovery/links/learningcentres.html) and follow the instructions to explore a map of volcano and earthquake disasters. **Four points**



5. Prepare a natural hazard report • Download the Natural Hazard Report worksheet (www.jaconline.com.au/atlasofdiscovery/links/learningcentres.html) and follow the instructions to prepare a short report on earthquakes and volcanoes. **Five points**



6. Write a news report • Research a major volcano or earthquake disaster. Prepare a 500-word report, written and designed in the style of a newspaper. Your news story must include a picture of the devastation, a map of where it occurred, and information about the damage caused by the disaster and the action taken by rescue units and the government. **Six points**



7. Make a scale model • Download the Make a Volcano worksheet (www.jaconline.com.au/atlasofdiscovery/links/learningcentres.html) and follow the instructions to prepare a model of a volcanic eruption. **Seven points**



8. Make a movie • In a small group, film your own disaster movie about an earthquake or volcanic eruption. Each group member may take responsibility for different aspects of production such as model-making (to show the disaster occurring), props (such as foam for rubble), sound effects, and direction of the actors. Concentrate your research and storyline on the damage caused by the disaster and how people respond to the disaster. Prepare an outline of your story and the roles that each team member will play before you begin production of the movie. **Seven points**