



**Content Vocabulary Activity**

**Directions: Crossword Puzzle** Complete the crossword puzzle using the clues on the next page.

**Content Vocabulary Activity**

continued

El Niño	local wind	acid rain	deforestation	condensation
prevailing wind	magma	irrigation	water cycle	La Niña
weathering	precipitation	weather	crop rotation	plate tectonics
climate zone	rain shadow	core	aquifer	urban climate
groundwater	continent	current	biodiversity	conservation
smog	erosion	evaporation	crust	pesticide
mantle	earthquake	climate	ecosystem	greenhouse effect
biome	collection	fault	trench	
continental shelf				

**Across**

1. pattern that a major wind system follows over time
4. climate differences in large cities
8. water droplets falling to the ground as rain, snow, sleet, or hail
10. melted rock that flows to the surface during a volcanic eruption
12. the Earth's upper layer
14. chemical that farmers use to kill insects
16. changing what is planted from year to year to protect topsoil
18. theory that explains how the continents formed and why they move
22. innermost layer of the Earth
24. causes unusually cool waters and low rainfall in the eastern Pacific and heavy rains in the western Pacific
25. the careful use of a resource
26. process of collecting and distributing water to crops
27. causes heavy rains in western South America and lack of rain in other areas
30. an area in which particular kinds of plants and animals have adapted to a particular climate
32. process of weathered rock being moved away by water, wind, and ice
35. sudden and violent movement of the Earth's crust
36. usual, predictable patterns of weather in an area over many years
37. process of water moving from the oceans, to the air, to the ground
38. wind pattern typical only in a small area

**Down**

2. gases in the atmosphere trap the sun's warmth
3. a crack in the Earth's crust
5. similar patterns of temperature and precipitation
6. effect of mountains on rainfall
7. each of the seven large land areas
9. formed when chemicals from air pollution mix with precipitation
11. steadily flowing stream of water in the world's seas
13. water gathering on the ground and in rivers, lakes, and oceans
15. water changing from liquid to gas
16. water changing from gas to liquid
17. changes in temperature, wind, and air moisture over a short period of time
19. underground layer of rock through which water flows
20. thick haze of smoke and chemicals
21. the variety of plants and animals living on the planet
23. layer of hot, dense rock surrounding the Earth's core
28. deep cut in the ocean floor
29. freshwater that filters through the soil into the ground
31. plateau off the coast of each continent
33. when water, ice, chemicals, and plants break rocks into smaller pieces
34. cutting down forests without replanting
35. a place shared by plants and animals that depend on one another for survival