

## **The Power of Water**

### **Columbia River**

1. What percent of the world's water is freshwater?
2. What are the four D's of the way we have handled our water resources?
3. What is the status of the surface water in the lower 48 states?
4. What has destroyed the salmon fishery?
5. The yearly salmon run was once 10-16 million fish. To what has it been reduced?
6. In what two ways are young salmon being helped through the dams?

### **Industry**

7. How much of the world's freshwater is in the Great Lakes?
8. What danger does chemical storage facilities pose to water?
9. What warning sign indicated that chemical storage facilities at Love Canal were leaking?
10. The efforts of grassroots organizations has lead to what two actions in river cleanup?

### **Everglades**

11. How are the everglades now different?
12. For what is the drained land being used?
13. How much of the everglades remains?
14. What has been the effect of decreased freshwater flowing through the everglades?

### **Well Runs Dry**

15. What was the effect of discovering natural gas in parts of the mid-west U.S.?
16. What has happened to the Ogallala aquifer?
17. Why is this happening?
18. How are water meters used to combat the problem?
19. What are the problems of dry land farming?
20. What has been the effect of center pivot irrigation?

### **Land of Little Rain**

21. Though it contains much desert, which state produces more vegetables than any other?
22. Where does the water come from and what is the significance of the source?
23. Where does the water go?
24. What has been the effect of this?
25. How quickly is Las Vegas growing?
26. Why is this growth a problem?
27. What plan exists to meet the water demands of Las Vegas?
28. In what ways is water wasted in the city?
29. What argument was made in favor of the Mirage?
30. What is wrong with this argument?
31. What argument exists between urban dwellers and farmers?