

Empty Oceans, Empty Nets

Name _____ Date _____ Period _____

Answer the following while viewing the video:

1. Where in the ocean is most of the life concentrated? _____
2. Keep a running list of technological advancements in fishing techniques/equipment that have made fishing so much faster, easier, and more efficient: _____

3. What may the disappearance of larger fish lead to? _____

4. What is bycatch and how much is discarded? _____
5. What is the average ratio of shrimp to bycatch in the shrimping industry? _____
6. What 2 other methods may lead to the decline in fisheries? _____
7. What harm does using cyanide do? _____
8. What's another factor that drives overfishing and pollution of the oceans? _____

9. Why have Japan, the U.S., and Europe become net importers of seafood? _____

10. What changed on the Georges Bank off of New England in 1976? _____

11. What restrictions were applied to the Georges Bank in the 1980s? _____

12. What effect will larger and more powerful boats have? _____
13. Why does overfishing take place? _____
14. Why does commercial fishing leave fish populations more vulnerable to environmental change?

15. What law was established in 1996? _____
16. The protection of what is essential to have healthy fish populations? _____
17. List and describe 3 methods of catching fish/shellfish:
 1. _____ - _____
 2. _____ - _____
 3. _____ - _____
18. What are marine reserves? _____
19. How do they benefit the surrounding fishing ground? _____

20. How did the techniques for catching swordfish change in the 1960s? _____

21. Compare swordfish caught before 1963 with those caught in 1996. _____

22. What are 2 large species that fall prey as bycatch to longlining? _____

23. Where do European and Asian fishing fleets go because they have depleted their seas of fish?

24. What type of tuna is caught in the Tonnara Fish Trap? _____
25. How much have the Atlantic stocks dropped since 1950? (see page 252) _____
26. Why have Sicilian anchovy fishermen gone to Alaska? _____

Look at “Spotlight: Industrial Fish Harvesting Methods” on pages 254-255 in your textbook. Draw, label, and describe each of the following methods of industrial fishing.

Trawler fishing

Description: _____

Purse seine fishing

Description: _____

Longlining

Description: _____

Drift net fishing

Description: _____

