

Titel:

Underwater Facts

Dit namn:



Before Reading

Look at the cover and the contents page.

Discuss:

1. What kinds of underwater facts do you think you will learn?

2. Which chapter title sounds the most interesting?

3. What do you already know about oceans and underwater life?

4. What do you think might be the most extreme thing under the sea?

During Reading

After each chapter, answer:

What was the most surprising fact?

What new word did you learn?

What did you find most interesting in this chapter?

After Reading

Comprehension Questions

Totally Extreme Underwater

1. About what percentage of the Earth is covered in water?

2. What can be found under the water?

3. How does the book describe the underwater world?

Extreme Diving

4. What does SCUBA stand for?

5. How deep was the world's deepest dive?

6. Which animal can dive deeper than 475 metres without equipment?

7. How long did the longest scuba dive last?

Extreme Underwater Inventions

8. When was one of the first working underwater suits invented?

9. How was air supplied to the suit?

10. What was a diving bell?

11. What is the Necker Nymph?

Underwater Treasure

12. How much treasure is thought to be at the bottom of the ocean?

13. How much was the most valuable underwater treasure worth?

14. What shipwreck are treasure hunters still searching for?

15. How much treasure is thought to be hidden in it?

Extreme Underwater Animals

16. What is the largest animal on Earth?

17. What can the immortal jellyfish do if it is injured or starving?

18. When was a living coelacanth discovered?

19. How many lightbulbs can an electric eel power?

20. Which whale dives deeper than any other air-breathing animal?

21. When was a live giant squid filmed for the first time?

Extreme Pressure

22. What is pressure?

23. What is the pressure at the deepest part of the ocean compared to?

24. What does the book say extreme pressure will do before it crushes you?

The Mariana Trench

25. What is the Mariana Trench?

26. What is the deepest part of the trench called?

27. How deep is the Mariana Trench?

28. What would happen if Mount Everest were placed in the trench?

Underwater Sound

29. Does sound travel better through water or air?

30. How much faster does sound travel underwater?

31. How loud can a blue whale's song be?

32. What was the mysterious sound recorded in 1997 called?

Underwater Volcanoes

33. Approximately how many underwater volcanoes are there?

34. What is volcanic glass called?

35. Which islands were formed by underwater volcanoes?

36. Why does water not boil when an underwater volcano erupts?

Underwater Exploration

37. How much of the Earth's oceans have been explored?

38. What is SONAR?

39. What is the ocean floor mapped with?

40. What do scientists bounce off the ocean floor?

The Ocean Zones

41. How many ocean zones are there?

42. How deep is the sunlight zone?

43. Why are there almost no plants in the twilight zone?

44. What is special about many animals in the midnight zone?

45. What is the deepest ocean zone called?

46. How many known species live in the hadal zone?

Activity 1 – Find the Fact

Find one fact about each topic.

Topic	Fact
Diving	
Treasure	
Animals	
Volcanoes	
Ocean Zones	

Activity 2 – Match the Word

Match the word to its meaning.

word	meaning
1. apparatus	a. able to be seen by the human eye
2. decibels	b. a group of very similar animals or plants that can produce young together
3. erupting	c. breaking out with force
4. species	d. equipment or machinery needed for a particular purpose
5. visible	e. the units used to measure how loud a sound is

Activity 3 – My Favourite Underwater Fact

Complete the sentences.

My favourite fact from the book was _____

I found it interesting because _____

It surprised me because _____