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# Solo Orca Quickly Defeats Great White, Eats its Liver

## Description

A pair of orcas, also known as killer whales, have been targeting great white sharks off the coast of South Africa since 2017. They mainly eat the livers of the sharks, leaving the rest behind.

Scientists have been studying this behaviour and trying to make sense of it. The orcas' actions have made the sharks leave certain parts of the coast. The study has shown some surprising finds that could help us understand what it might mean for the wider marine life.

In one case, a male orca known as Starboard, killed a young white shark alone. This is surprising as orcas usually hunt together. In past sightings, the study has seen groups of up to six orcas hunting great whites. These hunts can last up to two hours.

The quick and solitary hunt by Starboard has left scientists with many questions. They believe this could be linked to changes in the ocean environment. Scientists believe understanding these behaviours will help them better understand the whole marine system.

The orcas' hunting is causing the sharks to move elsewhere, and no one is sure where they are moving to. If the sharks overlap with places where people fish a lot, it could be a problem. The study continues as scientists hope to discover answers to their many questions about the orcas, the sharks and the ocean they both live in.

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## Vocabulary List:

1. **orcas** // (noun): Large toothed whales that are known for their distinctive black and white coloration.
2. **behaviour** // (noun): The way in which an animal or person acts in response to a particular situation or stimulus.
3. **surprising** // (adjective): Causing wonder or astonishment due to being unexpected.
4. **environment** // (noun): The surroundings or conditions in which a personanimalor plant lives or operates.
5. **marine** // (adjective): Related to the sea or ocean.
6. **overlap** // (verb): To cover part of the same area of interestresponsibilityor concern.

## Vocabulary quizzes

### Multiple Choice ( Select the Correct answer for each question. )

1. Who are professionals specialized in the study of matter and the changes it undergoes?



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- Option: Compound  
Option: Metabolites  
Option: Organisms  
Option: Chemists
2. What term is used to describe the process of growth or advancement?  
Option: Break away  
Option: Independent  
Option: Development  
Option: Understanding
3. What activity involves investigating or discovering new places or ideas?  
Option: Exploring  
Option: Surprised  
Option: Excitedly  
Option: Opposite charges
4. What do particles with opposite charges do when they come near each other?  
Option: Clusters  
Option: Repel  
Option: Solvents  
Option: Stable
5. What word describes something that holds importance or meaning?  
Option: Significant  
Option: Cohere  
Option: AI  
Option: F-150
6. What are obstacles or difficulties that need to be overcome?  
Option: Competitors  
Option: Sectors  
Option: Challenges  
Option: Orcas
7. Which term is associated with the sea or ocean?  
Option: Behaviour  
Option: Surprising  
Option: Environment  
Option: Marine
8. Environment protection is mandated in which sector?  
Option: Surprising



- Option: Marine
- Option: Overlap
- Option: Environmental

9. How would you feel when you are surprised in a positive way?

- Option: Excited
- Option: Orcas
- Option: Behaviour
- Option: Surprising

10. What term describes a situation that is not easily changed or disturbed?

- Option: Overlap
- Option: Stable
- Option: AI
- Option: F-150

**Gap-Fill ( Fill in the blanks with the correct word from the vocabulary list. )**

11. Particles in the nucleus \_\_\_\_\_ together due to strong forces.
12. \_\_\_\_\_ technologies are advancing rapidly in various industries.
13. The study of animal \_\_\_\_\_ helps scientists understand their interactions.
14. There is an \_\_\_\_\_ between the habitats of polar bears and seals.
15. In order to progress sometimes you need to \_\_\_\_\_ from the usual routine.
16. Studies show that varying temperatures impact the growth of \_\_\_\_\_ in the ecosystem.
17. The team was \_\_\_\_\_ by the unexpected results of the experiment.
18. \_\_\_\_\_ are used to dissolve other substances to create solutions.
19. The body breaks down food into essential \_\_\_\_\_ for energy production.
20. Stars form \_\_\_\_\_ in galaxies due to gravitational forces.



**Matching Sentences ( Match each definition to the correct word from the vocabulary list. )**

21. A is a non-protein compound that is necessary for the functioning of an enzyme.
22. Particles with tend to attract each other.
23. In space stars often group together to form cosmic .
24. are substances capable of dissolving other materials to form solutions.
25. Companies in the same industry often compete as .
26. The economy can be divided into different based on the types of products and services.
27. are known for their complex social structure and hunting techniques.
28. The research findings had a impact on the field of medicine.
29. The children ran to see their favorite performer on stage.
30. Facing and overcoming helps individuals and organizations grow.

**Answer**

**Multiple Choice:** 1. Chemists 2. Development 3. Exploring 4. Repel 5. Significant 6. Challenges 7. Marine 8. Environmental 9. Excited 10. Stable

**Gap-Fill:** 11. cohere 12. AI 13. behaviour 14. overlap 15. break away 16. organisms 17. surprised 18. solvents 19. metabolites 20. clusters

**Matching sentence:** 1. coenzyme 2. opposite charges 3. clusters 4. solvents 5. competitors 6. sectors 7. orcas 8. significant 9. excitedly 10. challenges

**CATEGORY**

1. Sci/Tech - LEVEL2

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