



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 person, animal or plant lives or operates.
5. **marine** // (adjective): Related to the sea or ocean.
6. **overlap** // (verb): To cover part of the same area of interest, responsibility or 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?
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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Author

aimeeyoung99

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