

7-3 Relationships in the Ocean

Introduction

Consider organisms that live in the ocean and how they interact with each other. Not all organisms interact by killing and eating other organisms. Some live in harmony with each other, helping each other.

What are some examples of organisms interacting in the ocean, both positive and negative?



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Independent Practice

1. How are mutualism, parasitism and commensalism similar? How are they different?
2. What is coevolution? Provide two examples to illustrate your answer (you may use technology to do so).
3. Many species in the ocean are able to reproduce both sexually and asexually. Why is this an advantage for these species?
4. What are the advantages and disadvantages for species that reproduce by mass production of fertilized eggs and species that provide increased parental care for their young?
5. Compare internal development to external development for the embryos of marine organisms. How does each increase the chances of survival for the species as a whole?

