

Video:

Coral Core

(Koraal klokhuis)

Class:

Class 2 havo/ vwo

vsbo bovenbouw

Theme:

Order/Organization

Keywords:

Organisms,
kingdoms, coral,
Cnidaria



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Introduction

By watching the video “Coral Core” (Koraal klokhuis) you will learn what corals are and why they are important for life underwater. The first questions are about the video. By watching the video and listening carefully, you can answer the questions below. The information presented in the video is also a part of the subject matter for this theme (order and evolution), so you could get questions about this during a test or project. You can find the answers to the second part of this worksheet in the book, *Biology for You*.

Good luck!

Coral

1. Corals consist of organisms called polyps. What do these organisms look like?
2. What do you call a group of coral organisms living together in proximity?
3. With which other organisms do corals live mutually with?
4. In which 2 ways do the corals (polyps) obtain nutrition?
5. What is the function of the tentacles of the polyp?
6. In which 2 ways can corals reproduce?
7. Why is it important to do research on corals and their reproduction?

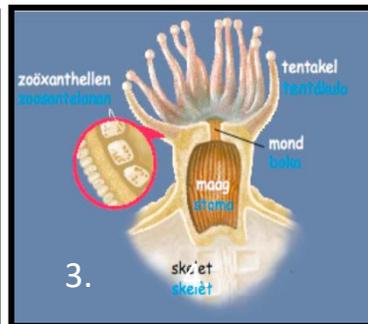
Theme: Order (Book: Biology for You)

1. Which 2 characteristics tell you that corals (jellyfish, anemones, and polyps) belong to the kingdom Animalia?
2. A coral animal lives together symbiotically with algae. To what empire does algae belong?
3. During the day, algae gives nutrients (sugar/glucose) to the coral. How do the algae produce these nutrients?



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4. Corals make a skeleton. Is this an internal or an external skeleton?
5. A similarity between coral animals and algae is that they both have a core. Name 3 differences between the cells.
6. Which of the pictures below (1,2, or 3) is a “population?”
7. Is the coral (polyp) in picture 4 below single-celled or multi-celled?



Summary

Coral

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