

Teaching material: coral reef

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School: secondary school

Type of material: information material + route card, PowerPoint-presentation, information for teachers

Goal: To get to know coral reefs and their development, a hermatypic coral, the importance of the biotope, endangerment and conservation

Process

The lesson is introduced by a PowerPoint-presentation, which shows different pictures of coral reefs and introduces different species. Alternatively, a video that shows submarine photographs of the Great Barrier Reef can be used.

Afterwards the pupils need to make a mindmap about important aspects of the video; this will also include pupils' prior knowledge of the topic.

As a next step, the information materials are handed out and the pupils are given a route card, which they have to fill out during the lesson. At the end, the teacher and the pupils compare the route cards.

Information for the teacher (references)

Zubi, T. (2014): without title. – (<http://www.starfish.ch/reef/index.html>, 25.11.2013)

Pictures

o.A. (2007): Klimagürtel der Erde – Eisklima. –

(<http://upload.wikimedia.org/wikipedia/commons/0/08/Klimag%C3%BCrtel-der-erde-eisklima.png>, 25.11.2013)

o.A. (o.J.): 20 Grad Isotherme. -

(http://upload.wikimedia.org/wikipedia/commons/c/cb/20_Grad_Isotherme.png, 25.11.2013)