

Teaching material for the topic conservation of biodiversity (TMBC)

Teacher's material

Workflow for the unit about the biodiversity of the Wadden Sea

Title: The Wadden Sea

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Grade: 6-7

Materials: Internet access, animal classification books (as a secondary resource), sheet containing background information for the teacher, work instructions for the students, a poster of the Wadden Sea to hang in the classroom, materials for students to create their own posters

Goal: To enable students to learn about the Wadden Sea and the variety of animals that live there in three teaching units (90 mins each). Also to provide students with knowledge regarding the threats to this variety and to enable them to work out their approach to solving this problem. By the end the group has to have created their own poster explaining the Wadden Sea to other students at their school.

Workflow:

As an introduction the students are given a map (teacher information sheet) of the Wadden Sea to create a silent incentive.

1. Teaching unit: Research

The students independently research on a given website

(<http://www.waddensea-worldheritage.org/de/weltnaturerbe-wattenmeer/wattenmeer-vielfalt>) information about the Wadden Sea and answer AB 1.

Afterwards the students learn about the variety of animals and do research on the following website: http://www.wwf-jugend.de/fileadmin/user_upload/wwf-jugend/Wattenmeer/wattenmeer.html. With the information obtained they fill out AB 2. Finally, they present the animals briefly in the plenum and if necessary add important characteristics.

2. Teaching unit: station work

In this unit the students work through the worksheets 1-4 from the different stations.

3. Teaching unit: Creation and presentation of the poster

Topics that should be dealt with in the poster:

- Presentations: The Wadden Sea
- Variety of animals
- Threats and conservation

5. The posters will be displayed in the school, so that other students can learn about the topic as well.