



Module 1: Tour de Koster

Learning objectives

Students will be able to:

1. Identify major marine animal groups and provide examples of representative species
2. Describe marine biodiversity at the level of phyla and orders
3. Explain regional marine diversity to peers

Time requirements and tasks

- Half day (approx. 4 hours) of group work

Suggested audience

- This activity is appropriate for **older school classes** and **basic university courses**.

Prior knowledge

- None

Instructions

Tour de Koster is like *Tour de France*, but without the bicycles. Here are the rules.

1. Form a team of 3-4 students. Fill in your “Group name” and “Group members” in the below table.
2. Identify at least 3 species from each of the marine groups mentioned in the below table.
3. You have four hours to collect as many points as possible. Each species will give you **one point** (if you write the name and add a link to a movie clip showing the species). If you have completed all three species for a group you get an **extra point**. Finally, write down the diagnostic features of the group, and you get **another point**. There are 9 groups, this means that the maximum number of points you can collect is 45.
4. In order to find groups and species use the “Phylum assignment” and “Species assignment” tasks, or browse the **Field Guides**, the [Collection page](#), or use the search function in the “[Talk](#)” channel (e.g. write *Asterias* in the search box of the talk channel).
5. When done send your table by email to the teacher. If you submit later than the agreed time, you may get minus points. So don't be late! Good luck !!!



GROUP name:

GROUP members:

Animal group (phylum/order)	Diagnostic features of the group	Species name	Link to the movie clip
<i>Sponges</i>			
<i>Anemones</i>			
<i>Corals</i>			
<i>Sea pens</i>			
<i>Crustaceans</i>			
<i>Sea stars</i>			
<i>Sea urchins</i>			
<i>Bivalves</i>			
<i>Polychaetes</i>			

