

Summative Assessment- 'Under The Sea' Dichotomous Key

A dichotomous key is a tool used by biologists to identify organisms in a group through the process of answering yes or no questions about the organism.

Dichotomous means 'divided into two parts', as each question about an organism has two choices. When a question is answered, then two more choices are presented until there are no more choices to be made and you have identified the organism.

You need to create your own dichotomous key for animals that live under the sea. To create your dichotomous key you need to do the following:

- 1) Select 12 animals according to its appearance i.e. yellow tailed green striped fish.
- 2) Select 1 animal and draw a version of it with different features i.e. blue tailed green striped fish. These animals will be included in your dichotomous key.
- 3) Create a list of all the different features of the 13 animals in the table below.
- 4) Create a list of all the similar features of the 13 animals in the table below.
- 5) Using the animals that you selected and the information you collected to create a dichotomous key. The dichotomous key must be able to clearly identify each animal.

Different Features	Similar Features

