

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) Name each animal according to its appearance i.e. yellow tailed green striped fish.
- 2) Select 3 animals 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 animals in the table below.
- 4) Create a list of all the similar features of the animals in the table below.
- 5) Using the animals, you drew and the information you have collected create a dichotomous key. The dichotomous key must be able to clearly identify each animal.

Different Features	Similar Features

