This lesson is part of the Classification unit, which explains how to organize the millions of organisms on Earth. Below is a summary of what is included in the entire unit.

UNIT CONTENTS

A. Background Information
   - How Do We Classify Organisms?
   - Linnaean Naming System
   - Coral Classification
   - Modern Classification
   - Understanding Cladograms
   - How to Build a Cladogram

B. Lessons
   - Watch It! Naming Nature
     - A worksheet to accompany the Naming Nature video
   - Classify This!
     - A worksheet to classify an organism and identify its characteristics
   - Rules, Rules, Rules
     - A worksheet about scientific names
   - ‘Taxing’ Corals
     - An activity to classify corals based on their characteristics
   - In Light of New Evidence
     - A writing assignment on an organism that has been reclassified
   - The Key to ID
     - An activity using a dichotomous key for sea stars
   - And Then There Was One
     - An activity to create a dichotomous key for corals
   - Cladograms 1
     - A lesson on creating and interpreting a cladogram
   - Cladograms 2
     - A lesson on creating and interpreting a cladogram (with traits already included)
   - Read It! Troubling Taxonomy
     - A worksheet to accompany the Troubling Taxonomy field blog
   - Read It! Blue, You Say?
     - A worksheet to accompany the Blue, You Say? field blog
INSTRUCTIONS: Watch Naming Nature YouTube video (https://youtu.be/5h5nSivm1KI) and answer the following questions.

1. In your own words, what is modern classification?

____________________________________________________________________________________

____________________________________________________________________________________

2. What did Carolus Linnaeus contribute to classification?

____________________________________________________________________________________

____________________________________________________________________________________

3. What are the different categories used to classify all organisms?

   a. 

   b. 

   c. 

   d. 

   e. 

   f. 

   g. 

   h. 

4. What is an acronym you can use to remember the order and categories of classification?

   a. 

   b. 

   c. 

   d. 

   e. 

   f. 

   g. 

   h.
5. What are the names of the three domains?
   a. ____________________________________
   b. ____________________________________
   c. ____________________________________

6. List the different categories of classification for the bottlenose dolphin.

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<th>Category</th>
<th>Dolphin Classification</th>
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7. What categories of classification make up a scientific name?
   ____________________________________ and ____________________________________

8. What is the scientific name of the bottlenose dolphin?  ____________________________________

9. List two reasons why you think that taxonomy is important for scientists.
   ______________________________________________________________________________________
   ______________________________________________________________________________________
   ______________________________________________________________________________________
   ______________________________________________________________________________________