

Biology 11 Invertebrate Search

Name _____

Date _____ PERIOD _____

Marine Biology I- Invertebrates Internet Introduction Activity

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DIRECTIONS:

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1. Go to the website
2. <http://www.oceanicresearch.org/education/wonders/lesson.html>
Click on "sponges" and fill in the following table about sponges in general.

Type of Symmetry	Does it have cephalization? If YES, does it have eyes, eyespots or a brain?	How does it eat?	How does it reproduce?

3. Then at the bottom of the page, (in purple) click on "more sponge images". Pick 3 different sponges and draw them IN COLOUR. Make sure to list BOTH the common name and the scientific name (ITALICS!!!).

Common name	Scientific name	Drawing

4. Then on the left side, click on "Cnidarians". Fill in the following table.

Type of Symmetry	Does it have cephalization? If YES, does it have eyes, eyespots or a brain?	How does it defend itself?	What are the 2 different forms a Cnidarian body can have?

5. Then look at the pictures. Draw an example of each of the 3 different classes of Cnidarians IN COLOUR. Make sure to list the name!

Name	Drawing

6. Then on the left side, click on "Mollusks". Fill in the following table.

Type of Symmetry	Does it have cephalization? If YES, does it have eyes, eyespots or a brain?	What are the 3 body regions all mollusks have?	What 2 other parts do all mollusks have?

7. Then look at the pictures. Draw an example of each of the 4 different classes of Mollusks IN COLOUR. Make sure to list the name!

Name	Drawing

8. Then on the left side, click on "Arthropods". Fill in the following table.

Type of Symmetry	Does it have cephalization? If YES, does it have eyes, eyespots or a brain?	What are 3 things that ALL arthropods have in common?	How are barnacles different from other Arthropods?

9. Then look at the pictures. Draw 2 examples of each of the 2 different sub-phyla Crustacea IN COLOUR. Make sure to list the name!

Name	Drawing

10. Then on the left side, click on "Echinoderms". Fill in the following table.

Type of Symmetry	Does it have cephalization? If YES, does it have eyes, eyespots or a brain?	What does the phylum name mean?	What is the water vascular system?

11. Then look at the pictures. Draw an example of each of the 4 different classes (listed) of Echinoderms IN COLOUR . Make sure to list the name!

Name	Drawing