

Marine Biology Project

Introduction: There are 8 invertebrate phyla and 1 vertebrate phylum (Chordata) in the Animal Kingdom. You will get into a group of no more than 3-4 students and create a **presentation poster** to teach the other students in class all about your specific phylum. You will need to include the following on your poster:

- * **Diversity** within your phylum (classes)
- * **Detailed description of body structure(s)**, including symmetry- Must Include photo/diagram
- * Explanation of **eating habits/prey** (give examples)
- * Explanation of **reproductive habits/life cycle** (show diagram)
- * Explanation of **defense mechanisms**
- * Explanation of how your phylum **gets rid of waste/gases**
- * **Locomotion** of your phylum (how does it get around- if?)
- * **Where** does your phylum live?
- * Your project must include pictures of your phylum (classes) and different stages of life (larval, juvenile, adult)

Hints: Make your poster visually appealing and creative- make sure to be thorough and detailed about your phylum- *show examples, photos and diagrams!*

Phylum Porifera

Phylum Chordata

Phylum Cnidaria

Phylum Platyhelminthes

Phylum Nematoda

Phylum Mollusca

Phylum Annelida

Phylum Arthropoda

Phylum Echinodermata

