**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hr. \_\_\_\_\_**

**NOTES: Annelids --- Segmented Worms**

1. **Characteristics**

* **Includes \_\_\_\_\_\_\_\_\_\_\_\_\_\_ worms, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, & \_\_\_\_\_\_\_\_\_\_\_\_\_\_.**
* **Abundant in all \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* **Have a true \_\_\_\_\_\_\_\_\_\_\_\_ fully \_\_\_\_\_\_\_\_\_\_\_ with \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* **Body \_\_\_\_\_\_\_\_\_\_\_\_\_ into external \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (metamerism)**
* **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ correspond to \_\_\_\_\_\_\_\_\_\_\_\_\_ segments**
* **Have a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ digestive system with a \_\_\_\_\_\_\_\_\_\_\_\_\_ & \_\_\_\_\_\_**
* **Well \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ brain & \_\_\_\_\_\_\_\_\_\_\_\_\_\_ organs**
* **Fluid-filled \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ provides \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ skeleton**
* **Most have external \_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_ that aid movement**
* **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ may be modified into \_\_\_\_\_\_\_\_\_\_\_ appendages called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. **Classification**

* **Includes \_\_\_ classes based on \_\_\_\_\_\_\_\_\_\_ of \_\_\_\_\_\_\_\_\_ & \_\_\_\_\_\_\_\_\_\_\_ or absence of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* **Classes of segmented worms -------**
  + **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
  + **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
  + **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. **Class Oligochaeta Characteristics:**

* **Have no \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* **Few \_\_\_\_\_\_\_\_\_\_ for movement**
* **Includes \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* **Bodies may have over \_\_\_\_\_\_\_\_\_\_ metamores**
* **Internal \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ called \_\_\_\_\_\_\_\_\_\_\_**
* **Distinct \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ & \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ends**
* **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ symmetry**
* **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (head with sense organs) show specialization for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* **Have \_\_\_\_\_\_\_\_\_\_\_\_ circular & longitudinal \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ for movement**
* **Have \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, saddle-shaped structure called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that forms a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ containing \_\_\_\_\_\_\_\_\_\_ & \_\_\_\_\_\_\_\_\_\_\_\_**

1. **Earthworm Digestive System**

* **Has \_\_\_\_\_\_\_\_\_\_\_\_\_\_ a mouth and \_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* **Prostomium or \_\_\_ digs through soil as earthworm \_\_\_\_\_\_\_\_\_ on \_\_\_\_\_\_\_\_\_\_\_\_\_ matter (detritus)**
* **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a muscular organ behind the \_\_\_\_\_\_\_\_\_\_\_\_\_\_ to help suck in \_\_\_\_\_\_\_\_\_\_\_\_**
* **Food temporarily \_\_\_\_\_\_\_\_\_\_ in \_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_ in \_\_\_\_\_\_\_\_\_\_\_\_\_\_, and digested & absorbed in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* **\_\_\_\_\_\_\_\_\_\_\_\_\_\_ called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ pass out through \_\_\_\_\_\_\_\_**

1. **Earthworm Circulatory System**

* **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ circulatory system with \_\_\_ pairs of \_\_\_\_\_\_\_\_\_\_\_\_ arches or \_\_\_\_\_\_\_\_\_\_\_\_**
* **Dorsal \_\_\_\_\_\_\_\_\_\_\_\_ vessel carries \_\_\_\_\_\_\_\_\_\_\_\_\_\_ posteriorly to \_\_\_\_\_\_\_\_\_ & Ventral \_\_\_\_\_\_\_\_\_\_\_\_ vessel returns \_\_\_\_\_\_\_\_\_\_\_ anteriorly**

1. **Other Systems in Earthworms**