Name: _____

# Dissection 101: Earthworm
## Student Checklist

**Earthworm Checklist:** Identify the following structures/locations.

- [x] Use lines provided for additional notes to aid in future identification
- [ ] Outside structures/locations/orientation
  - [ ] Clitellum (location): Noticeable belt/Band-Aid like section toward the anterior end of the earthworm; produces slime-tube/cocoon during reproduction_____
  _____
  - [ ] Anterior (closer to clitellum, thicker/larger circumference)_____
  _____
  _____
  - [ ] Posterior (greater distance from clitellum)_____
  _____
  - [ ] Mouth: Fold at anterior end, deposit feeder _____
  _____
  - [ ] Ventral (usually lighter in color, hair-like setae - feels like sandpaper )
  _____
  _____
  - [ ] Dorsal (usually darker in color)_____
  _____
  - [ ] Segmentation: Distinguished on the exterior by noticeable band-like rings; internally the segments are separated by septa _____
  _____
- [ ] Draw and label the earthworm (Label: clitellum, anterior, posterior, ventral, dorsal, segments, setae, mouth)

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Name: _____

# Dissection 101: Earthworm

## Student Checklist (Continue page 2)

☐ Inside structures/locations

- ☐ Dorsal blood vessel: Movement of blood by pumping action
  _____
  _____
- ☐ Aortic arches: Often referred to as the heart, pressure regulation
  _____
  _____
- ☐ Seminal vesicles: Storage of sperm produced by the worm _____
  _____
- ☐ Seminal receptacles: Storage of sperm received from another worm
  _____
  _____
- ☐ Nerve cord: Tube-like structure found on ventral surface, usually white/cream in color, sensory function _____
  _____
- ☐ Pharynx: Swallows food (soil), muscular tube, connects mouth to esophagus _____
  _____
- ☐ Esophagus: Movement of food (soil) toward crop, lies below aortic arches _____
  _____
- ☐ Crop: Food storage, similar to the stomach of a vertebrate, thin walled _____
  _____
- ☐ Gizzard: Grinds food, thick walled, muscular_____
  _____
- ☐ Intestine: Food digestion and nutrient absorption_____
  _____

Name: _____

# Dissection 101: Clam

## Student Checklist (Continue page 3)

☐ Draw and label the inside of the earthworm with the following structures

Dorsal blood vessel
Seminal receptacles
Esophagus
Intestine

Aortic arches
Nerve cord
Crop

Seminal vesicles
Pharynx
Gizzard

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