

Name: \_\_\_\_\_

## Phylum Video Chart – fill in while watching videos

Fill in the table as you watch the phylum videos.

	Examples	Skeletal System (hydro, exo, endo)	Digestive System (none, incomplete, complete)	Nervous System (none, net, ring, ladder, ventral, dorsal)	Circulatory System (open, closed with vessels and heart)	External Features unique to this phyla	Respiratory System Diffusion in . . .
Porifera							
Cnidaria							
Platyhelminthes							
Nematoda	<i>Round worms</i>	<i>Hydro</i>	<i>Complete (first to have anus)</i>	<i>Ventral</i>	<i>Open – no vessels</i>	<i>Elongated body, body covered by cuticle</i>	
Annelida							
Mollusca							
Arthropoda							<i>Book lungs (spiders)</i> <i>Gills (crabs, lobsters)</i> <i>Trachea/spiracles (insects)</i>
Echinodermata							
Chordata	<i>Bird, human, snake</i>		<i>Complete (mouth and anus)</i>		<i>Closed (vessels with a multi chambered heart)</i>	<i>Hair, feathers, scales, nails, claws</i>	

**Skeletal** – *hydro* = fluid, *exo* = covers body, *endo* = inside covered by skin

**Digestive** – *incomplete* = one opening, *complete* = two openings (mouth and anus)

**Nervous** – *net* = no central system, *ring* = ring around body with no central system, ladder-like = down both sides of body, *ventral* = ganglia (brainlike) or brain with nerve cord on belly side, *dorsal* = brain with nerve cord on back side

**Circulatory** – *open* = no blood vessels, *closed* = blood vessels with pumping system (heart)

**Respiratory** – *diffusion* of gases either through *cells, skin, gills, lungs*