

Cornell Notes

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Topic / Objective: <i>Animals / understand the function and classification of animals</i>	Name: <i>MS. H</i>
	Class / Period: <i>8A/8B</i>
	Date: <i>M, 11.25.19</i>

Essential Question: *1. What are the functions of animals? 2. How are animals classified?*

Questions:	Notes: <u>Key Points</u>	<u>Information</u>
<ul style="list-style-type: none"> • Why do scientist classify vertebrates in small groups? 	<u>Function of Animals</u>	<ul style="list-style-type: none"> - obtain food and O₂, keep internal conditions stable, move, reproduce - Homeostatis: process to keep internal conditions stable
<ul style="list-style-type: none"> • Why is H₂O important to amphibians? 		<ul style="list-style-type: none"> - Adaptations: behaviors to allow animals to function
<ul style="list-style-type: none"> • What does "double-life" mean for amphibians? 	<u>Classification of Animals</u>	<ul style="list-style-type: none"> - according to how animals relate to each other: body structure, DNA, development
<ul style="list-style-type: none"> • Whats the difference between endotherm + ectotherm? 	<u>Animal Bodies Organized</u>	<ul style="list-style-type: none"> - Vertebrates: w/ a backbone - Invertebrates: w/out a backbone - based on tissues, organs, organ systems
<ul style="list-style-type: none"> • What are characteristics of Chordates? 	<u>Symmetry Body Structure</u> <u>Mirror objects if divided</u>	<ul style="list-style-type: none"> - animals in phylum have organized structure - No symmetry: specialized cells, no tissues - Radial Symmetry: complex plans w/ tissues + organ systems - Bilateral Symmetry: organ systems Examples: <ul style="list-style-type: none"> Starfish: Radial Symmetry Crab: Bilateral Symmetry Coral Reef: Asymmetrical "A" w/out

Summary:
