

## Cornell Notes

<b>Topic / Objective:</b> Classification / Describe the organization of levels of organization	<b>Name:</b> J. Hamilton
	<b>Class / Period:</b> 8A / 8B
	<b>Date:</b> TH, 10.31.19

**Essential Question:** Why do biologists classify organisms? <sup>2.</sup> What are the levels of classification?

Questions:	Notes: <u>Key Points</u>	<u>Information</u>
Why do biologist classify organisms?	Classification	<ul style="list-style-type: none"> <li>• grouping based on similarities</li> <li>• used to organize living things to study</li> </ul>
How can a scientist study organisms after classification?	Taxonomy	<ul style="list-style-type: none"> <li>• study of HOW organisms are group</li> </ul>
How is a scientific name written?	Naming System - written italics - Latin words	<ul style="list-style-type: none"> <li>• founded by Carolus Linnaeus</li> <li>• Placed by observable features</li> </ul>
Why is it important to classify organisms?	- Genus capitalized / species lower case	<ul style="list-style-type: none"> <li>• two part scientific name -- binomial nomenclature</li> <li>• Genus -- similar closely related organisms</li> <li>• Species -- describes a distinctive feature -- mostly reproduction (mate-offspring)</li> </ul>
What are the levels of organization Lg-sm	Levels of Classification "Its different levels to this!"	Domain, Kingdom, Phylum, Class, Order, Family, Genus, species
<b>Summary:</b> Answer the EQ in complete sentences:		

