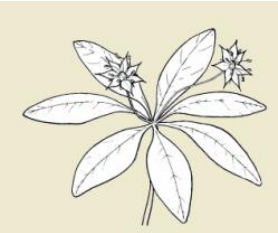
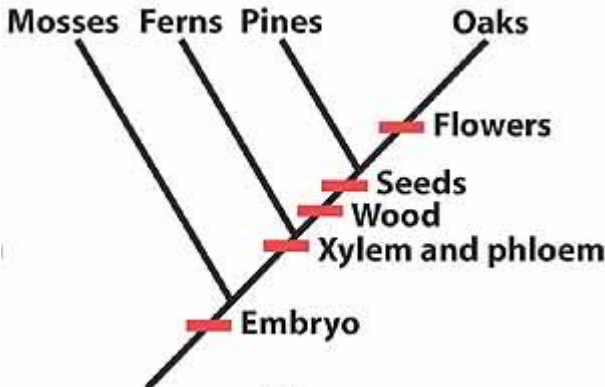


Unit 10 Checklist – Classification

#	Question	Lesson Exit Ticket												
1	An organism's scientific name is <i>Carcharodon carcharias</i> . Identify its genus and species names.	Genus – Species –												
2	Write the 8 taxa (classification levels) in order, from largest and most diverse to smallest and most specific.	1. _____ 2. _____ 3. _____ 4. _____ 5. _____ 6. _____ 7. _____ 8. _____												
3	<p>Identify the genus and species of the flower shown using the dichotomous key.</p>  <p>Key to White Wildflowers</p> <table border="1" data-bbox="175 1037 734 1352"> <tr> <td>1a. Five petals</td> <td>Go to 2</td> </tr> <tr> <td>1b. Seven petals</td> <td>Starflower (<i>Trientalis borealis</i>)</td> </tr> <tr> <td>2a. Petals single pieces</td> <td>Go to 3</td> </tr> <tr> <td>2b. Petals deeply divided</td> <td>Chickweed (<i>Stellaria media</i>)</td> </tr> <tr> <td>3a. Wide round petals</td> <td>Common strawberry (<i>Fragaria virginiana</i>)</td> </tr> <tr> <td>3b. Narrow elongated petals</td> <td>Bowman's root (<i>Gillenia trifoliata</i>)</td> </tr> </table>	1a. Five petals	Go to 2	1b. Seven petals	Starflower (<i>Trientalis borealis</i>)	2a. Petals single pieces	Go to 3	2b. Petals deeply divided	Chickweed (<i>Stellaria media</i>)	3a. Wide round petals	Common strawberry (<i>Fragaria virginiana</i>)	3b. Narrow elongated petals	Bowman's root (<i>Gillenia trifoliata</i>)	
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4	<p>Complete each statement using information from the cladogram below.</p> 	<p>The main difference between pines and oaks is that pines do not have _____.</p> <p>Both ferns and pines have _____ and _____.</p> <p>Mosses and ferns do not have _____, _____, or _____.</p>												

#	Question	Lesson Exit Ticket								
3	<i>Lynx canadensis</i> and <i>Lynx rufus</i> are two different species of medium-sized wild cats. List all the taxa (classification levels) they have in common. Hint: There are 7.	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">1.</td> <td style="width: 50%;">2.</td> </tr> <tr> <td>3.</td> <td>4.</td> </tr> <tr> <td>5.</td> <td>6.</td> </tr> <tr> <td>7.</td> <td></td> </tr> </table>	1.	2.	3.	4.	5.	6.	7.	
1.	2.									
3.	4.									
5.	6.									
7.										
6	Identify the 2 prokaryotic kingdoms of life.	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">1.</td> <td style="width: 50%;"></td> </tr> <tr> <td>2.</td> <td></td> </tr> </table>	1.		2.					
1.										
2.										
7	Identify the 4 eukaryotic kingdoms of life.	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">1.</td> <td style="width: 50%;">2.</td> </tr> <tr> <td>3.</td> <td>4.</td> </tr> </table>	1.	2.	3.	4.				
1.	2.									
3.	4.									
8	Identify the 4 kingdoms that have autotrophic nutrition.	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">1.</td> <td style="width: 50%;">2.</td> </tr> <tr> <td>2.</td> <td>4.</td> </tr> </table>	1.	2.	2.	4.				
1.	2.									
2.	4.									
9	Define chemosynthesis , and identify the 2 kingdoms that do it.	Definition: _____ <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">1.</td> <td style="width: 50%;">2.</td> </tr> </table>	1.	2.						
1.	2.									
10	Identify the 1 most important characteristic that defines the phylum chordata .									
11	List 3 examples of invertebrate phyla.	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">1.</td> <td style="width: 50%;"></td> </tr> <tr> <td>2.</td> <td></td> </tr> <tr> <td>3.</td> <td></td> </tr> </table>	1.		2.		3.			
1.										
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3.										
12	Identify 3 important defining characteristics of the class mammalia .	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">1.</td> <td style="width: 50%;"></td> </tr> <tr> <td>2.</td> <td></td> </tr> <tr> <td>3.</td> <td></td> </tr> </table>	1.		2.		3.			
1.										
2.										
3.										
13	Summarize the main reproductive methods of mosses, ferns, gymnosperms, and angiosperms. Use these terms (some more than 1x): cones, flowers, fruit, seeds, spores	Mosses and ferns use _____ and do not make _____. Gymnosperms use _____ to make _____. Angiosperms use _____ and _____ to make _____.								

