

**GLY1102 Darwin & Dinosaurs**  
**Cladogram Activity**  
**Answer Key**

This is only one possible answer students may come up with characters not listed below but are still valid. Also due to their choice in characters the order of “organisms” may vary.

Organism	Characters				
	1	2	3	4	5
<b>Nail</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Flat headed wood screw</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Round headed wood screw</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Flat headed sheet metal screw</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>
<b>Round headed sheet metal screw</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>
<b>Stove Bolt</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>
<b>Flat headed machine screw</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>Round headed machine screw</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>

Characteristics: no (0), yes (1)

**1. Made of metal**

**2. Has partly threaded shaft**

**3. Has completely threaded shaft**

**4. Has flat bottom**

**5. Has nut**