

## Horse Anatomy: Muscles and Skeletal

Post Secondary: Intro Horse Evaluation Class



<b>Overview</b>	Students will learn the location of the muscle and skeletal system of a horse.
<b>Objective</b>	After this lesson and some additional practice students should be able to locate different bone structures of horses. They should also be able to notice any problems with the movement of the horse due to muscle problems.
<b>Materials</b>	<ul style="list-style-type: none"> <li>• Internet access</li> </ul>
<b>Procedure</b>	<p>1. Create a Ping.fm account. On this account the student will create a blog, in this blog upload an image of a horse skeleton and label the following bones structures:</p> <ul style="list-style-type: none"> <li>• Skull</li> <li>• Bars</li> <li>• Humerus</li> <li>• Ulna</li> <li>• Radius</li> <li>• Carpus (knee)</li> <li>• Cannon</li> <li>• Long and short pastern bone</li> <li>• Scapula (shoulder blade)</li> <li>• Vertebrae</li> <li>• Pelvis</li> <li>• Sacrum</li> <li>• Hip Joint</li> <li>• Femur</li> <li>• Tail bone</li> <li>• Stifle joint</li> <li>• Patella</li> <li>• Fibula</li> <li>• Tibia</li> <li>• Os Calcis</li> <li>• Fetlock joint</li> <li>• Navicular bone</li> </ul>

	<p>2. Next find an image of that has all of the below listed muscle, upload it to the same blog as above and then list the function of these muscles.</p> <ul style="list-style-type: none"><li>• Rhomboideus</li><li>• Masseter</li><li>• Splenius</li><li>• Brachiocephalicus</li><li>• Anterior Deep</li><li>• Pectoral</li><li>• Triceps</li><li>• Extensor Carpus</li><li>• Trapezius</li><li>• Latissimus Dorsi</li><li>• Flexor Carpus</li><li>• External Intercostals</li><li>• Superficial Gluteal</li><li>• Long Digital Extensor</li><li>• Biceps Femoris</li><li>• Deep Digital Flexor</li></ul>
<b>Evaluation</b>	The blog will be checked for accuracy and then there will be an in class quiz over the muscle and skeletal system.

<http://www.lvaha.com/images/horseskel.gif>

<http://www.irishhorsesociety.com/horsedata/horsedataphotos/muscles6.jpg>

[http://piclib.nhm.ac.uk/piclib/webimages/0/6000/200/6227\\_med.jpg](http://piclib.nhm.ac.uk/piclib/webimages/0/6000/200/6227_med.jpg)

<http://www.freewebs.com/horseawareness/horsemuscleanatomy.jpg>