

## Anatomy

Grade Level: 10

Overview	The purpose of this lesson is for students to be able to use their knowledge of the human body to identify the proper bone structure within a human body.
Objective	1. Given a picture of a human bone, students will be able to properly identify the different parts of the bone with 90% accuracy.
Standards	<ul style="list-style-type: none"> <li>• AS.3.4 Discuss the integumentary, skeletal and muscular systems.</li> <li>• AS.3.8 Identify the type of joints that are moveable or immovable.</li> </ul>
Materials	<ul style="list-style-type: none"> <li>• Classroom anatomy books</li> <li>• Computer access with Photoshop Online</li> <li>• Printer</li> </ul>
Procedure	<ol style="list-style-type: none"> <li>1. This lesson will begin with the teacher reviewing the proper names for the bones in the human skeletal system.             <ol style="list-style-type: none"> <li>a. Teacher will use a skeleton model in the science classroom for demonstration.</li> </ol> </li> <li>2. Students will then divide into groups of 2.             <ol style="list-style-type: none"> <li>a. Students will be assigned 13 bones within the skeletal system to properly research and identify each characteristic of the bone.</li> <li>b. Students will use Photoshop.com to correctly label each part of the bone. Students will use the “text” tool on uploaded pictures from online medical websites. Students will be given a list of websites to find the appropriate bones.</li> </ol> </li> <li>3. Once students have finished their 13 bones, pictures will be printed off for each student to study from. These images will be used for a final test to be given 2 weeks after the Photoshop assignment has been finished.</li> </ol>
Evaluation	Students will evaluate each other on participation and those scores will be used towards the final grade. The teacher will also evaluate student’s knowledge of bone structures from the final test given after.