

BIO141-Human Anatomy and Physiology I | 2023

Appendicular Skeleton

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The focus of this lab is to identify bones and markings of the appendicular skeleton. It may be helpful if you show a few of the bones and go through some of the markings as a class, but in general, students should be able to work independently.

Activity 1- Bones of the Appendicular Skeleton (students work as a group)

Students will use the articulated skeletons at their lab tables to identify the bones of the appendicular skeleton.

Materials for Lab: articulated skeleton

Material for Trays (1 tray/group): terminology binder with labels and sticky tack

Activity 2- Bone markings of the Upper Limb (students work as a group)

Students will work in groups to identify the bones on the disarticulated skeleton (bone box). Please make sure they keep the bones at their table (the bones for each box have a color code dot on them). They will each be working on labelling one bone and will then present that bone to the group. They will trade bones and practice.

Materials for Lab: disarticulated skeleton (bone box)

Material for Trays (1 tray/group): terminology binder

Activity 3 – Bone Markings of the Lower Limb (students work as a group)

Students will work in groups to identify the bones on the disarticulated skeleton (bone box). They will use index cards to write a description of one bone and will then present that bone to the group. They will trade bones and determine if their description of one random bone is written such that their groupmates can figure out which bone they are describing.

Materials for Lab: disarticulated skeleton (bone box), index cards

Material for Trays (1 tray/group): terminology binder

Lab Clean-up Instructions

Students must clean the lab benches with the disinfectant solution. All bones must be placed back in the bone boxes and skulls placed back on the back bench. Please be sure students remove ALL tape from the models.