

3D Printing Guide

Homology Structures



All resources at:
<https://shooboxeducation.com/kits/homologystructures>

ShoeBox Education kits can be **purchased digitally (STL files) and 3D printed directly in your school**, allowing for classroom quantities at low cost.

Purchased files and 3D printed models are **for use by you and your institution ONLY** and are covered by copyright. Please do not give purchased files or 3D printed models to other schools or institutions. Please do not post files online. Please make sure any students accessing purchased files are aware of these terms.

Honoring this agreement lets us remain a useful educational resource. Thank You!

The **Homology Structures** kit includes the arm bones for a bat, cat, whale and human. Each arm is separated into the **hand bones**, forearm bones (**radius** and **ulna**), and the **humerus bone**.

All STL are saved in millimeters, include the recommended filament color in the file name, and are properly oriented for optimal printing. Most augmented reality activities will only work if the models are 3D printed in the correct color and size.

Post-printing assembly includes gluing the **radius** and **ulna** bones together for each of the four species. We recommend a basic gel super glue, such as Loctite gel super glue.

