HoloAnatomy

Cost: Free of charge.

Publisher: Case Western Reserve University

Platform: It is compatible with Hub devices, is available on the Microsoft app store, and is typically used on the Microsoft HoloLens Augmented Reality headset.

Description: An interactive app that allows you to explore the human body right in front of your eyes- literally. You can highlight systems of the body, learn about muscles, bones and organs. This has the capability to change how medical students engage with course content. It is appropriate for virtually all age levels.

Features: After putting on the HoloLens headset device, it is as if you are experiencing a real skeleton in your sight lines. It has the ability to display information on the different body systems to provide life-like interaction to gain a deeper understanding of human anatomy. Users can twist, rotate, and scale the human body to accommodate to their visual needs.

Grade Levels: All

Subject Area: Anatomy/ Science

Assessments: No, this app does not record student performance.

Strengths: The 3-D models displayed on the screen make it easier for students to understand the multiple different systems within the body. By providing this kind of content to users in the classroom or elsewhere, it provides them with options on how they learn this challenging content. They are given a model, they can have the capability to interact and move the model as it if it were actually in front of them.

Weaknesses: It does not record student performance, nor assess students on their skills directly with either a quiz or challenge.

Overall Impression: It is a fantastic educational tool that elevates the previously instructed ways of learning anatomy. Anatomy can be a challenging subject, however this tool can be used supplementally to any curriculum for any grade level.

Connections to UDL Guidelines:
Highlight patterns, critical features, big ideas and relationships (3.2)
Vary methods for response and navigation (4.1)