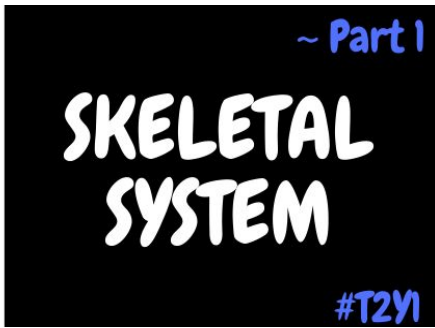


Note: All text underlined in blue are hyperlinks to external resources

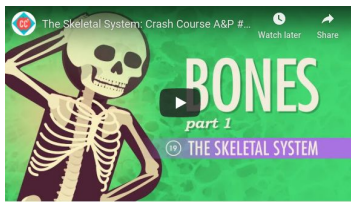


Key learning outcomes:

- Describe the organization of the human skeleton and its functions
- Describe the different types(shapes) of bones and give examples
- Identify the different types of joints and their function
- Understand the types of connective tissue
- Describe the microanatomy of bone

ANATOMY

The skeletal system is a great topic to start with and you may know some of it already! Let's start with an overview of the system, which will introduce the types of bones found in the system and some key anatomical features of bone! Here are two great videos explaining these concepts very well - click the text in blue to follow the links!



[Try this!](#)



[Another example!](#)

Next, it is important that you understand the structure of joints - did you know that there are 3 main types? Check out these videos to learn about these types and examples in the body!



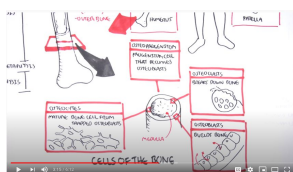
Another great [Crash course](#) video!



[This video](#) sets it out very clearly, but *note you do not need to know the Latin.*

MICROANATOMY

Before you go on to learn about histology (another fancy word for microanatomy!) of bone, you need to have an understanding of [connective tissue](#)! This is usually a *new concept* which will build a backbone for other systems as well. It is actually part of the four main types of tissue - feel free to check out this [video](#) for an introduction to the others, but we will come back to each of the other types in their related systems!

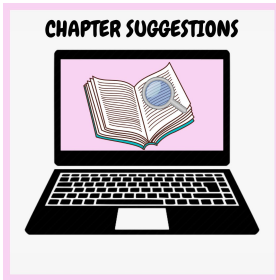


This [video](#) will recap what you have learnt and go on to explain more about the cells of the bone!



This will give a thorough detailed explanation of the [haversian system](#) as well!

It is also important for you to see for yourself what these will look like under the microscope as well! Check out this resource to see some [microscopic slides](#) of the structures. If you press "slide list", this website also allows you to study these slides in quiz mode and there is a virtual microscope to play around with!



If you like to read as well, these online resources will give an overview of the topics discussed in the videos:

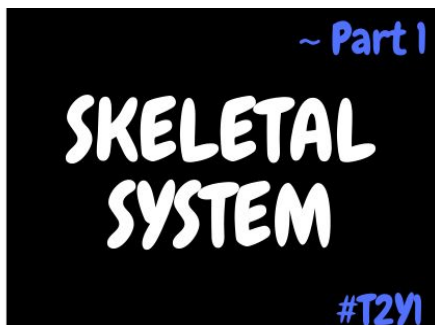
- Skeletal system module ([READ!](#))
- Functions of the skeletal system ([READ!](#))
- Bone structure ([READ!](#))
- Joints ([READ!](#))

To finish off, here are some fun quizzes/games to see what you have learnt!

- ★ DO YOU KNOW THE DIFFERENCES BETWEEN THE TYPES OF BONES?
- [TEST YOURSELF!](#)
- ★ DO YOU UNDERSTAND THE STRUCTURE OF BONE?
- [TRY THIS GAME!](#)
- [QUIZ!](#)
- ★ CAN YOU CLASSIFY JOINTS?
- [QUIZ 1](#)
- [QUIZ 2](#)



BONUS CHALLENGE: CAN YOU IDENTIFY THE BONES OF THE SKELETON?
([QUIZ/ GAME](#))



Hope you have found this resource useful! Once you have completed this, please give some short feedback - it will take 10 seconds to fill in! This will help me to get your opinions and check engagement! ([GIVE FEEDBACK](#))