

# Children's University Club Challenge

## The Skeleton Challenge!

Did you know, you have 270 bones when you are born, but only around 206 by the time you are an adult? You have 26 bones in one foot alone, and a bone in your ear, the stapes, is the tiniest and lightest in your body! And, without your skeleton, your body would be all floppy and you would fall over! Your skeleton is an amazing piece of engineering, so we challenge you to learn more about it! Let's get going...



You will need:

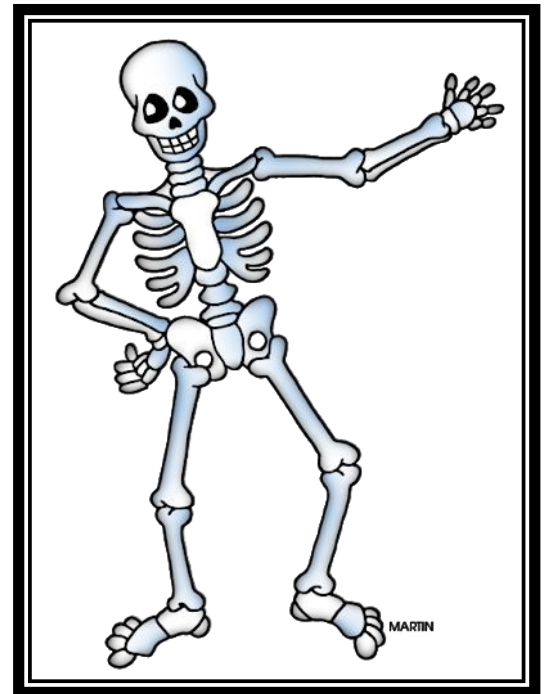
- Paper (the larger the better - an old piece of wallpaper is perfect!)
- Scissors, sticky tape
- Pencil or pen

**Step 1** – Lay out your paper on the floor (either a big piece of old wallpaper or a few pieces of normal paper could be sellotaped together?). Lay on the paper and ask someone else in your house to draw round your body shape. Stand up and look at the outline - is it bigger or smaller, or just as you expected?

**Step 2** – Look at the skeleton picture on the next page. Can you use this as a guide to draw the bones inside your body outline? Look carefully at their shapes and how they link to the next bone along (the joint).

**Step 3** – Can you label the main bones with their actual names? Some of them are really unusual!

**Step 4** - Ask an adult to help you carefully cut out your skeleton shape. You could even cut out the two bones in each of the arms and legs, then tie them back together with string, wool or split pins, so you can make them move and dance!



**Step 5** - Ask an adult to help you find the song 'Dem Bones, Dem Bones' (by Delta Rhythm Boys). Try and follow the song and work out the real names of the bones they're singing about! Be careful, the song gets stuck in your head! 😊



You can collect 2 CU Credits for completing this challenge. Complete your Reflection Diary and return to your school for a Learning Stamp Code. Remember to add it to your Digital Dashboard.

