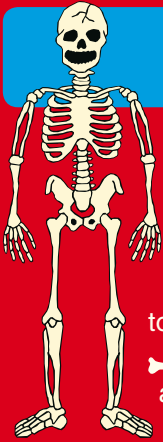




For more of these fun fact sheets, grab a copy of the latest issue of Lovatts Puzzle Fun for Kids! Available from all good newsagents or by subscription from the website.



SKELETONS



☞ If you didn't have bones you'd be all floppy.

☞ Your skeleton lets you stand up and hold everything together

☞ Muscles are attached to bones and allow you to move

☞ The skull protects your brain

☞ The ribs act like a cage and protect your heart and lungs

☞ Most people have 12 pairs of ribs

☞ The central part of the skeleton is the spine or backbone

☞ Bones are linked together at joints

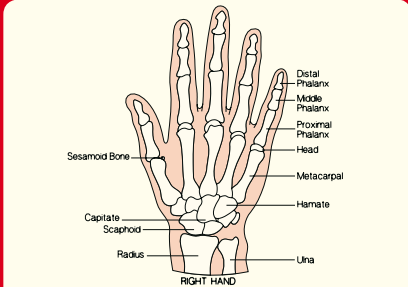
☞ The elbows, knees, fingers and toes are hinge joints (they work like door hinges)

☞ Ligaments join bones together

☞ Your hips and shoulders are ball joints

☞ Like other cells in your body bones rely on blood to keep them alive

☞ A baby is born with over 300 bones but some fuse together



☞ Each hand has 27 bones in it and each foot has 26



☞ Over half of your body's bones are in your feet and hands

☞ Your jawbone or mandible is the only bone in your head that you can move

☞ Bones are alive! They are made of protein and minerals - including calcium

☞ Many bones are hollow spaces filled with marrow. Here red and white blood cells are made to help you fight germs and disease

☞ If you break an arm the cells get busy and repair the damage

☞ Your face has 14 bones in it

☞ The smallest bone is the stirrup bone in your inner ear. It's about 2.5mm long

☞ Around the age of 11-13 humans have a growth spurt that lasts about 5 years. Half of your bone mass develops in this time - (so you need lots of milk products to give you calcium)

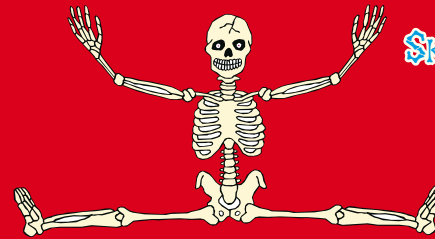
☞ The largest bone is the femur in your thigh. It's about a quarter of your body weight!

☞ For strong, tough bones you need to do exercise as well as eat well

☞ A Tyrannosaurus Rex is thought to have had about the same number of bones as a human

☞ Humans and giraffes have the same number of bones in their necks - a giraffe's bones are much longer

☞ The number of bones varies in different animals. Adult humans have 206 bones. Horses have 205 bones and frogs have 159



SKELETON IN OTHER LANGUAGES

- French - squelette
- German - Skelett
- Italian - scheletro
- Spanish - esqueleto
- Indonesian - kerangka

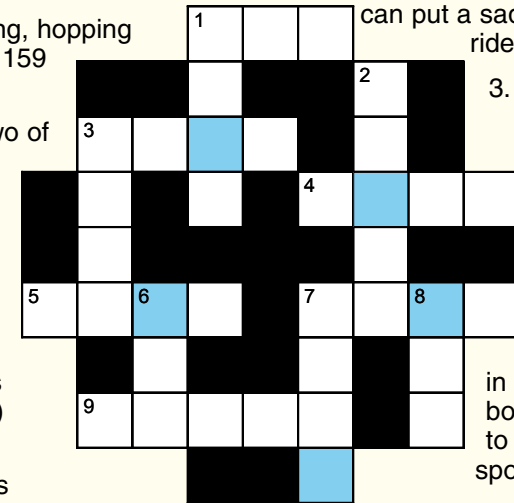
CROSSWORD

Across

1. Ginormous dinosaur, Tyrannosaurus ... (3)
3. A very young child (4)
4. This croaking, hopping animal has 159 bones (4)
5. You have two of these and you wear shoes on them (4)
7. This is at the top of your body. Your face is part of it (4)
9. Your skull protects this organ that lets you think and feel (5)

Down

1. You have twelve pairs of these bones in your body (4)
2. This animal has 206 bones. You can put a saddle on it and ride on its back (5)
3. The femur in your thigh is the largest one in your body (4)
6. You hear with this (3)
7. There are 27 bones in this part of your body. You use it to hold a pen or spoon (4)
8. This is attached to your shoulder. You can wear a sleeve over it (3)



All the answers can be found in the text. The shaded squares spell a type of food.

SOLUTION

