How well do you know your human systems and health, your cells and your organisms? Complete this crossword and you’ll soon find out.

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| **Across** |
| **1** | The gelatinous substance found inside certain bones; it is where new blood cells are made (4,6) |
| **3** | One source of energy obtained from milk, nuts and eggs (4) |
| **5** | A structure that is formed from clusters of different tissues. By working as a team these tissues enable the structure to perform a function. (5) |
| **6** | A person with this blood group can donate their blood to anyone (5,1) |
| **7** | Acronym for deoxyribonucleic acid (3) |
| **9** | It is the \_ \_ \_\_ \_ \_ \_ within the stomach that determines how many harmful bacteria are destroyed (7) |
| **13** | Red blood cells need this mineral; without it they can’t do their job (4) |
| **15** | The other lipid found in 3 Across (3) |
| **16** | The dome of bone that protects your brain (5) |
| **18** | A ball and socket joint can be found here (3) |
| **19** | As a new baby gets older the bones in its skull do this (4) |
| **20** | The name of your lower jaw (8) |
| **22** | You do this when you put food into your mouth and swallow (3) |
| **25** | A pH of over 7 is this and should not be found in the stomach (6) |
| **26** | The upper part of the intestine where nutrients are absorbed by the blood (5) |
| **27** | Plant cells have chloroplasts, a vacuole and a cell \_ \_ \_ made of cellulose (4) |
| **28** | These antagonistic opposing tissues work in unison to create movement (6,4) |

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| **Down** |
| **1** | The bronchi in our gas exchange system branch out into these even smaller tubes (11) |
| **2** | Bone is a \_\_ \_ \_\_ organ that forms the internal skeleton of vertebrates (5) |
| **3** | This is digested in the mouth, stomach and small intestine (4) |
| **4** | The stomach is this, a bag like structure (3) |
| **8** | This cell structure contains the genetic material (DNA) that controls the cell’s activities (7) |
| **10** | The colourful eye tissue that controls the size of your pupil (4) |
| **11** | These living things are made up of just one cell (11) |
| **12** | The hollow spiral shaped chamber of bone found in the inner ear. Converts vibrations into electrical signals that the brain processes for hearing (7) |
| **14** | \_\_ \_ bacteria live in your intestines. They help break down your food (3) |
| **17** | Your arm for example is one, so is your leg (4) |
| **21** | Part of your pelvic bone (5) |
| **23** | Found at the very end of the spine, dogs, cats and even people have one (4) |
| **24** | These uncooked vegetables are a good source of dietary fibre (3) |