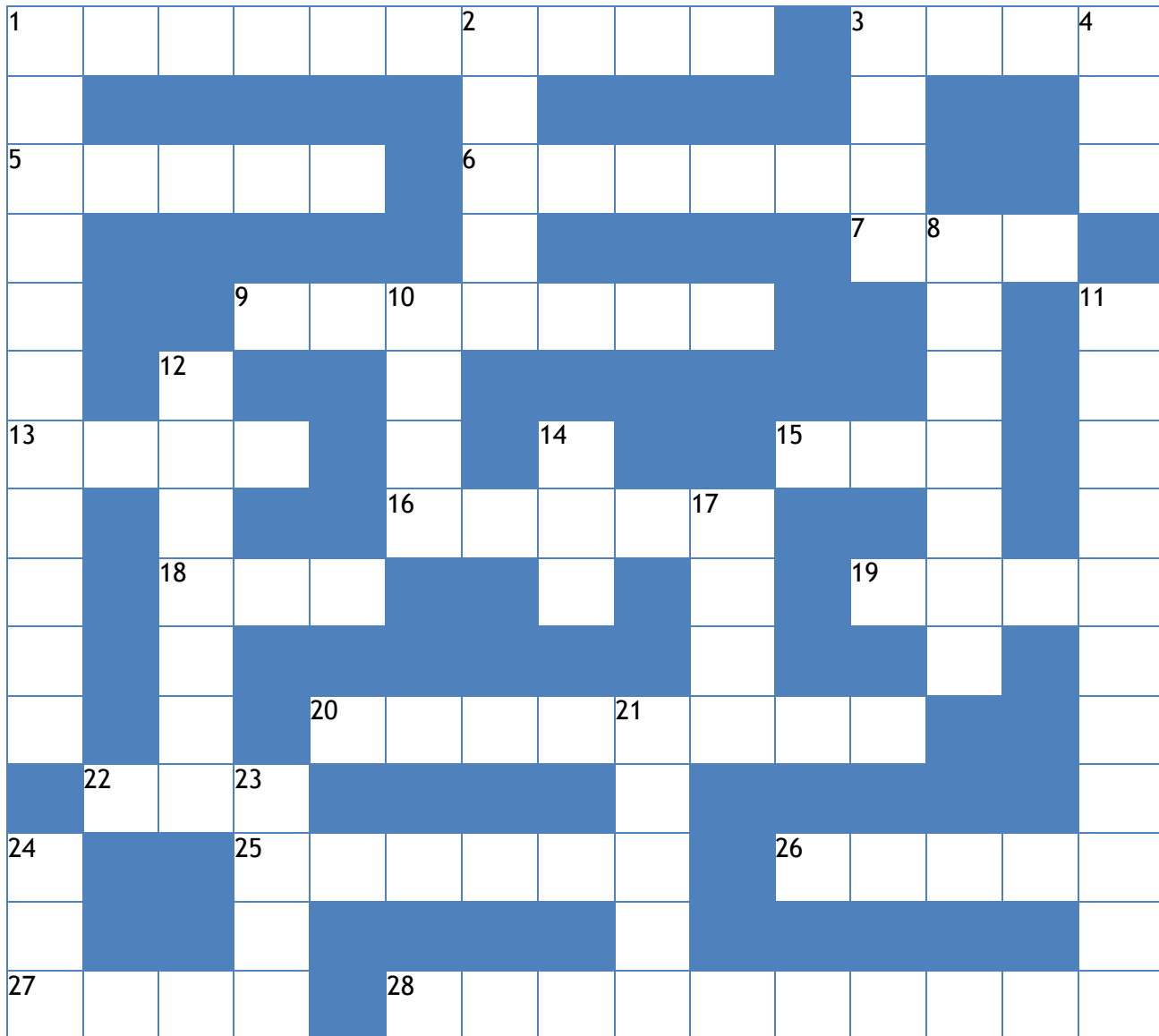


Giant crossword – organisms

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



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)

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)

Answers

Across

1 Bone Marrow	3 Fats	5 Organ
6 Group O	7 DNA	9 Acidity
13 Iron	15 Oil	16 Skull
18 Hip	19 Fuse	20 Mandible
22 Eat	25 Alkali	26 Small
27 Wall	28 Muscle Pair	

Down

1 Bronchioles	2 Rigid	3 Food
4 Sac	8 Nucleus	10 Iris
11 Unicellular	12 Cochlea	14 Gut
17 Limb	21 Iliac	23 Tail
24 Raw		