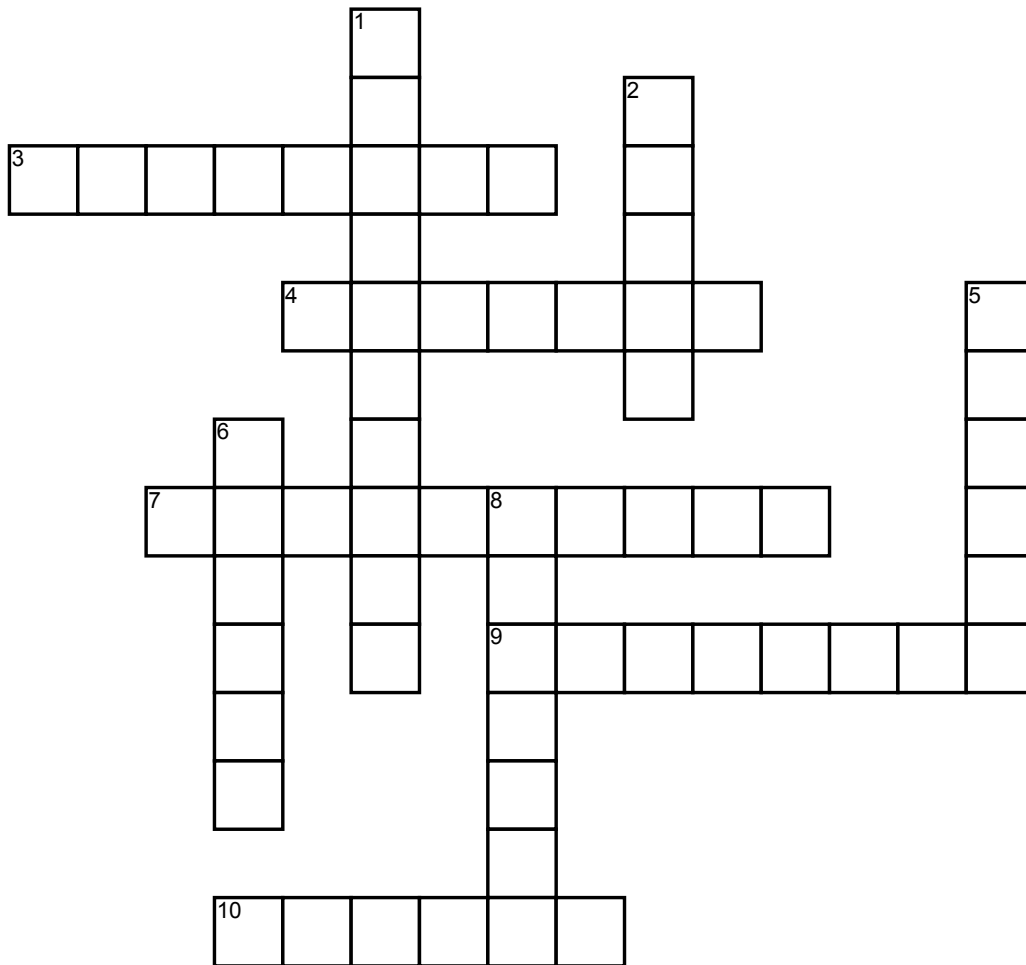


Class Activity: the Functional unit of the Kidneys



Across

3. What is the topic of the day and plays a functional role in the kidneys?
4. The kidneys consist of two renal areas , the loops also function in these two areas. The inner part is known as the Renal _____.
7. Which ducts come together right at the end with all the latter tubules and pass urine to the ureters.
9. The first part of the kidney tubule that comes after the cluster of capillaries and Bowman's space is known as the _____ tubule.
10. Which organ is it where you will likely find a nephron ?

Down

1. What is the cluster of capillaries around the end of a kidney tubule, that consists of nerve endings , spores and small blood vessels ?
2. Friedrich Gustav Jakob _____ discovered the function of these ascending and descending limbs known as Loops of _____.
5. The type of tubules that appear towards the end of the functional unit of the kidneys.
6. The outer Renal area is known as the Renal _____.
8. Bowman's _____ surrounds the winding cluster of capillaries around the end of the kidney tubule.

Word Bank

Glomerulus Proximal Medulla Cortex Distal
Kidney Henle Nephrons Collecting Capsule