

UNIT 11 - URINARY SYSTEM

ACTIVITY - Draw the Nephron

Objective:

The student will draw the nephron to gain an understanding of the anatomical structures associated with urine formation.

Materials:

- Paper
- Pencil
- Markers

Strategy:

Each student will use classroom resources to identify the nephron and structures associated with it. Students will neatly draw and label the nephron. Include the structures indicated below:

Renal Corpuscle

- Bowman's Capsule
- Glomerulus

Renal Tubules

- Proximal Convoluted Tubule
- Loop of Henle (descending)
- Loop of Henle (ascending)
- Distal Convoluted Tubule

Collecting Duct

Blood Supply

- Afferent Arterioles
- Efferent Arterioles
- Peritubular Capillaries