



The diagram illustrates the internal structure of a stem. The vascular bundles are arranged in a ring, with the cambium located between them. The central pith is surrounded by a ring of vascular bundles, and the outermost layer is the epidermis. The region between the epidermis and vascular bundles is the cortex.

Diagram illustrating the structure of a stem cross-section, showing the vascular bundles arranged in a ring, the cambium, and the pith.

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Part	Structure	Function
Epidermis	Outermost layer	Protection
Cortex	Region between epidermis and vascular bundles	Storage and photosynthesis
Vascular Bundles	Ring of bundles	Transport of water and nutrients
Cambium	Thin layer between vascular bundles	Secondary growth
Pith	Central region	Storage

Diagram illustrating the structure of a stem cross-section, showing the vascular bundles arranged in a ring, the cambium, and the pith.