stomata

guard cells

tissue

ground tissue

paranchyma

sclerenchyma

xylem

collenchyma

vacuole

phloem

dermal tissue

epidermis

Cells located on the leaf that open and close for gas exchange

Tiny pores on the leaf used for gas exchange.

The lamina; main site of photosynthesis

Edge of the leaf

Small leaf-like structures that are at the base of the petiole

Group of cells working together to carry out a function

Dead at maturity, very thick secondary wall; for protection, support

For healing, food storage and production; contains large vacuoles.

FLEXIBLE support for young stems and roots

The wide portion of the leaf often called the blade; main site of photosynthesis

Central rib of the leaf

Groups of cells used for photosynthesis, support, storage, regeneration, protection