

Name _____

Unlocking the Secrets of Flowers: Exploring Their Intricate Parts

Short Answer Key

1. Sepals protect the developing bud and provide structural support for the flower.
2. Stamens produce pollen, the male reproductive cells of the flower, which are essential for fertilizing the ovules.
3. The three main parts of a pistil are the stigma (receives pollen), the style (provides a pathway for pollen to reach the ovary), and the ovary (contains ovules).
4. Nectaries produce nectar, a sugary liquid that serves as a reward for pollinators, encouraging them to visit the flower and facilitate pollination.
5. The receptacle is located at the base of the flower, where all the floral parts are attached. Its function is to provide support for the flower and facilitate nutrient and water transfer.

