

Name _____

The Secret Life of Annuals: Reproduction and Lifecycle

Open-Ended Response Answer Key

1. Pollination is essential for the reproduction of annual plants because it facilitates fertilization and seed formation, ensuring the production of offspring and the continuation of the plant species.
2. Seed dispersal is crucial in the lifecycle of annual plants because it allows seeds to be dispersed to new locations, increasing the chances of successful germination and colonization of different habitats.
3. The lifecycle of annual plants contributes to the diversity of plant species by allowing for rapid reproduction and adaptation to changing environmental conditions, leading to the proliferation of different genetic variations within the plant population.
4. Annual plants adapt to their environment by maximizing growth and reproduction within a single growing season, taking advantage of favorable conditions to complete their lifecycle before the onset of adverse weather.

