Science

* The anatomy and physiology of plants and animals illustrate the complementary nature of structure and function. As a basis for understanding this concept:
* *Students know* plants and animals have levels of organization for structure and function, including cells, tissues, organs, organ systems, and the whole organism.
* *Students know* organ systems function because of the contributions of individual organs, tissues, and cells. The failure of any part can affect the entire system.
* *Students know* the structures and processes by which flowering plants generate pollen, ovules, seeds, and fruit.
* Communicate the steps and results from an investigation in written reports and oral presentations.
* Use a variety of print and electronic resources (including the World Wide Web) to collect information and evidence as part of a research project.