

California State Standards:

Grade 5 Life Sciences:

- 2b.** Students know how blood circulates through the heart chambers, lungs, and body and how carbon dioxide (CO₂) and oxygen (O₂) are exchanged in the lungs and tissues.

Grade 7 Structure and Function in Living System:

- 5b.** 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.