

Health Science: Body Structures and Functions

Describe the basic structures and functions of cells, tissues, organs, and each body system as they relate to homeostasis. **BSF1**

1 Describe the basic structures and functions of cells, tissues, organs, and each body system as they relate to homeostasis. **BSF1**

Compare relationships among **BSF2**

a cells **BSF2A**

b tissues **BSF2B**

c organs **BSF2C**

d systems **BSF2D**

Explain body planes, directional terms, quadrants, and cavities. **BSF3**

3 Explain body planes, directional terms, quadrants, and cavities. **BSF3**

Analyze the interdependence of the body systems as they relate to wellness, disease, disorders, therapies, and care rehabilitation. **BSF4**

4 Analyze the interdependence of the body systems as they relate to wellness, disease, disorders, therapies, and care rehabilitation. **BSF4**

Analyze body system changes in light of diseases, disorders, and wellness. **BSF5**

5 Analyze body system changes in light of diseases, disorders, and wellness. **BSF5**

Compare the aging process among the body systems. **BSF6**

6 Compare the aging process among the body systems. **BSF6**

Discuss and explain the interrelationships and pathophysiology behind specific illness affecting each body system. [BSF7](#)

7 Discuss and explain the interrelationships and pathophysiology behind specific illness affecting each body system. [BSF7](#)

Integrate literacy and numeracy concepts and processes across all curricular units. [BSF8](#)

8 Integrate literacy and numeracy concepts and processes across all curricular units. [BSF8](#)