

UNDERSTANDING LIFE SYSTEMS

CELLS



Final Task

In a group of 2 - 4 students:

- Select an organ system from the list below
- Research your organ system (start with the textbook pages 62 – 70), and create a report/presentation/skit that has the following components:
 - The cells that make the tissues and the organs in the system
 - What the organ system does/how it functions
 - A visual representation of the system you have chosen (either real or on computer)
 - How the all cells, tissues and organs work together in the body
 - Diseases or problems that may affect the system

*The systems have been ordered by degree of difficulty

Paramedic Level

Skeletal system—bones, joints

Muscular system—muscles

Nervous system—brain, spinal cord, nerves

Circulatory system—heart, blood vessels

Doctor Level

Digestive system—mouth, pharynx, esophagus, stomach, intestines, rectum, anal canal, teeth, salivary glands, tongue, liver, gallbladder, pancreas, appendix

Respiratory system—nose, pharynx, larynx, trachea, bronchi, lungs

Urinary system—kidneys, ureters, bladder, urethra

Surgeon Level

Lymphatic system—lymph nodes, lymphatic vessels, thymus, spleen

Integumentary system—skin, hair, nails, sense receptors, sweat glands, oil glands

Endocrine system—pituitary gland, pineal gland, hypothalamus, thyroid gland, parathyroids, thymus, adrenals, pancreas, ovaries, testes

NO GROUP WILL BE PERMITTED TO DO THE SAME SYSTEM!

