This is the pre-assessment given to students. The post-assessment contained the same questions. The red information shows the unit the question maps to.

Pre-assessment

Purpose: To assess your knowledge of science and medicine and your belief in yourself before participating in this program.

Instructions: Please read the questions and then circle the best answer. It is okay if you don't know the answer. Just relax and do your best. If a question makes you uncomfortable, you can skip it. You can also stop at any time.

1. What carries oxygenated blood from the heart to the body tissues? (Unit *Anatomy)*
    a. Veins
    b. Arteries
    c. Lungs
    d. Brain

2. This health professional is critical for assessing the severity of an illness or injury when a patient arrives at the emergency room. (Unit *Sepsis CBL)*
    a. Doctor
    b. Emergency room receptionist
    c. Physician's Assistant
    d. Triage Nurse

3. The elbow is an example of what type of joint? (Unit *Anatomy)*
    a. Hinge
    b. Ball and socket
    c. Pivot
    d. Ellipsoidal

4. Which of these is not useful for stopping bleeding? (Unit *Stop the bleed)*
    a. Applying a tourniquet
    b. Packing the wound with gauze or absorbent material
    c. Applying heating pads
    d. Elevating the wound
    e. All of the above are useful

5. Which organism is a prokaryote? (Unit *Cells and life)*
    a. Fungus
    b. Humans
    c. Plants

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d. Bacteria
e. None of the above

6. These are critical for clearing pathogens and debris in the body by engulfing them. *(Unit Microbes and immune response)*
   a. T cells
   b. B cells
   c. Phagocytes
   d. tears

7. _____ is composed of amino acids and does the work in your body? (Unit *Cells and life)*
   a. DNA
   b. RNA
   c. Protein
   d. ATP

8. Which organ filters your blood? *(Unit Anatomy)*
   a. Heart
   b. Kidney
   c. Lungs
   d. Intestines
   e. Bladder

9. All living things on earth have a_____ *(Unit Cells and life)*
   a. Nucleus
   b. Chloroplast
   c. Mitochondria
   d. Cell

10. Sepsis is caused by? (Unit *Sepsis case-based learning)*
    a. The blood being overrun with fungus
    b. Inability of the body to respond to a pathogen
    c. Overactive immune responses to a pathogen
    d. Reduced oxygen intake

11. Which of these microbes is not considered living? (unit *Microbes and immune/cell and life)*

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a. Bacteria
b. Fungi
c. Parasites
d. Viruses

12. What is a sign of sepsis? 9Unit *Sepsis case-based learning)*
    a. Cough
    b. High blood pressure
    c. Confusion
    d. Low body temperature

13. The correct pace for chest compressions during CPR is (Unit *CPR, Stop the bleed)*
    a. 80-100 compressions per minute
    b. 100-120 compressions per minute
    c. 120-140 compressions per minute
    d. 140-160 compressions per minute

14. How long should you wash your hands for? (Unit *Microbes and immune)*
    a. 10 seconds
    b. 20 seconds
    c. 30 seconds
    d. 1 minute

15. Which is not a component of your immune system? (Unit *Microbes and immune/anatomy)*
    a. Skin
    b. Stomach acids
    c. T cells
    d. Mucus
    e. Neurons

16. Which is not true regarding microbes? (Unit *Microbes and immune)*
    a. Microbes are used to make food
    b. They help us digest food
    c. They help protect us from germs that can make us sick
    d. Microbes are found everywhere
    e. Microbes found inside of us never cause disease