1. Using anatomical terms what is the name for a term for a body cut into horizontal and vertical sections.

*(Transverse or sagittal are in the exhibit, but students can also answer Frontal or coronal plane)*

2. Travel through the exhibit and list 5 organ systems. 
Bonus: List all 11

*Answer: Integumentary (skin), Skeletal, Muscular, Nervous, Endocrine, Cardiovascular, Lymphatic, Respiratory, Digestive, Urinary, Male Reproductive, Female Reproductive.*

3. How many chambers are in the heart?

*Answer: 4*

4. What are the names of the three bones found in the inner ear? These bones are the smallest bones in the human body!

*Answer: Auditory Ossicles: Malleus, Incus, and Stapes*

5. Visit the specimen of the skeleton: Where do you think the longest bone in the body is found? Bonus: Can you name this bone?

*Answer: Leg/Femur*

6. Travel throughout the exhibit and find the name of 5 bones found in the human body.

*Multiple answers*

7. Travel throughout the exhibit and name two joints in the body.

*Answer: Multiple answers (examples, shoulder, knee and elbow joints can be found, these can also be called ball and socket, synovial or hinge joints). Note: An exhibit on joints can also be found in our Health Gallery on Level 5.*
8. Did you know the spine is made up of multiple types of vertebrae? Sketch the three types of vertebrae found in the spine.

| Cervical | Thoracic | Lumbar |

9. Visit the lung exhibit. What do you notice about the healthy lung vs. the smoker’s lung? Do you think it is healthy to smoke? Why or why not?

*Answers will vary. Generally, smoking will inflame and irritate the lungs and cause damage to blood vessels. The carbon based particles in cigarettes turn the lungs black when inhaled. Diseases such as COPD, Cancer and Heart attacks can be linked to long-term smoking.*

10. What is the function of the cerebellum?

*Answer: Motor control and maintaining equilibrium of the body.*