






ADVANCED BIOLOGY(Master)

Content	Skills	Assessment
<p>A. An Overview of Anatomy and Physiology - definitions</p> <p>B. Levels of Structural Organization - molecules, cells, tissues, organs, organ systems, organisms</p> <p>C. Organ System Overview - 11 organ systems</p> <p>D. Maintaining Life - necessary life functions - survival needs</p> <p>E. Homeostasis - importance - feedback systems</p> <p>F. The Language of Anatomy - anatomical position - directional terminology and body planes - body cavities</p>	<p>A. An Overview of Anatomy and Physiology  <u>Physiology</u></p> <p>A1. Define anatomy and physiology. A2. Explain how anatomy and physiology are related.</p> <p>B. Levels of Structural Organization  <u>_____</u></p> <p>B1. Name the levels of structural organization that make up the human body and explain how they are related.</p> <p>C. Organ System Overview  <u>_____</u></p> <p>C1. Name the organ systems of the body and briefly state the major functions of each system. C2. Classify by organ system all organs discussed. C3. Identify the organs shown on a diagram or a dissectible torso.</p> <p>D. Maintaining Life  <u>_____</u></p> <p>D1. List functions that humans must perform to maintain life. D2. List the survival needs of the human body.</p> <p>E. Homeostasis  <u>_____</u></p> <p>E1. Define homeostasis and explain its importance. E2. Define negative feedback and describe its role in maintaining homeostasis and normal body function.</p> <p>F. The Language of Anatomy F1. Describe the anatomical position verbally or demonstrate it.</p>	<p>A. An Overview of Anatomy and Physiology A1.,A2 Worksheet,unit test, multiple choice, true and false, short answer, drawings</p> <p>B. Levels of Structural Organization B1. Worksheet, unit test, multiple choice, true and false, short answer, drawings</p> <p>C. Organ System Overview C1.-C3 Worksheet, unit test, multiple choice, true and false, short answer, drawings</p> <p>D. Maintaining Life D1.,A2 Worksheet, unit test, multiple choice, true and false, short answer, drawings</p> <p>E. Homeostasis E1., E2 Worksheet, unit test, multiple choice, true and false, short answer, drawings</p> <p>F. The Language of Anatomy F1.-F3 Drawings, unit test, drawings, concept map</p>