

ADVANCED BIOLOGY(Master)

Content	Skills	Assessment
<p><b>A. An Overview of Anatomy and Physiology</b> - definitions</p> <p><b>B. Levels of Structural Organization</b> - molecules, cells, tissues, organs, organ systems, organisms</p> <p><b>C. Organ System Overview</b> - 11 organ systems</p> <p><b>D. Maintaining Life</b> - necessary life functions - survival needs</p> <p><b>E. Homeostasis</b> - importance - feedback systems</p> <p><b>F. The Language of Anatomy</b> - anatomical position - directional terminology and body planes - body cavities</p>	<p><b>A. An Overview of Anatomy and Physiology</b> <input type="checkbox"/></p> <p><b>Physiology</b> <input type="checkbox"/></p> <p>A1. Define anatomy and physiology. A2. Explain how anatomy and physiology are related.</p> <p><b>B. Levels of Structural Organization</b> <input type="checkbox"/></p> <p>B1. Name the levels of structural organization that make up the human body and explain how they are related.</p> <p><b>C. Organ System Overview</b> <input type="checkbox"/></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><b>D. Maintaining Life</b> <input type="checkbox"/></p> <p>D1. List functions that humans must perform to maintain life. D2. List the survival needs of the human body.</p> <p><b>E. Homeostasis</b> <input type="checkbox"/></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><b>F. The Language of Anatomy</b> F1. Describe the anatomical position verbally or demonstrate it.</p>	<p><b>A. An Overview of Anatomy and Physiology</b> A1.,A2 Worksheet,unit test, multiple choice, true and false, short answer, drawings</p> <p><b>B. Levels of Structural Organization</b> B1. Worksheet, unit test, multiple choice, true and false, short answer, drawings</p> <p><b>C. Organ System Overview</b> C1.-C3 Worksheet, unit test, multiple choice, true and false, short answer, drawings</p> <p><b>D. Maintaining Life</b> D1.,A2 Worksheet, unit test, multiple choice, true and false, short answer, drawings</p> <p><b>E. Homeostasis</b> E1., E2 Worksheet, unit test, multiple choice, true and false, short answer, drawings</p> <p><b>F. The Language of Anatomy</b> F1.-F3 Drawings, unit test, drawings, concept map</p>