

William H. Turner Technical Arts High School
School Pacing Guide – Academy of Medical Science

GRADE LEVEL OR COURSE TITLE: Grade 10 – Health Science Anatomy and Physiology
Course Code: 8417100

Year at a Glance – Health Science Anatomy and Physiology

Course Description:

This course is part of the secondary Health Core consisting of an overview of the human body, both structurally and functionally with emphasis on the pathophysiology and transmission of disease.

1 st Nine Weeks	2 nd Nine Weeks	3 rd Nine Weeks	4 th Nine Weeks
<p>01.0 Analyze and interpret an overview of the human body, including organization and chemical process</p> <p>02.0 Apply correct medical terminology relating to body structure and function within a real-world application</p> <p>03.0 Evaluate cells and tissues microscopically and macroscopically and relate their specialized functions</p> <p>04.0 Analyze the integumentary system in relation to health and disease</p>	<p>05.0 Analyze the skeletal system in relation to health and disease</p> <p>06.0 Analyze the muscular system in relation to health and disease</p> <p>07.0 Analyze the nervous system in relation to health and disease</p> <p>08.0 Analyze the endocrine system in relation to health and disease</p>	<p>09.0 Analyze the cardiovascular/ circulatory system in relation to health and disease</p> <p>10.0 Analyze the lymphatic and immune systems in relation to health and disease</p> <p>11.0 Analyze the respiratory system in relation to health and disease</p> <p>12.0 Analyze the digestive system in relation to health and disease</p>	<p>13.0 Analyze the urinary system in relation to health and disease</p> <p>14.0 Analyze the both the male and female reproductive systems in relation to health and disease</p> <p>15.0 Identify and explain factors relating to genetics and disease</p> <p>16.0 Evaluate and apply the principles of disease transmission and control to real-world scenarios.</p> <div style="border: 1px solid black; background-color: yellow; padding: 5px; margin-top: 10px;"> <p style="text-align: center;">Laboratory Activities</p> <ul style="list-style-type: none"> <input type="checkbox"/> Equipment and supplies should be provided to enhance hands-on experiences for students. <input type="checkbox"/> A minimum of 20% of classroom time will be dedicated to laboratory experiences. </div>