Test Design Blueprint   **Date: 1/27/15**

Health Science 1	8417100	9-12
Course Title	Course Number	Grade(s)

Main Idea *(Big Idea/Domain/Strand/Standard)*	Standard Code	Percent of Test Based on Time Devoted to Standard	Number of Test Questions *(60 total)*
Define basic structural and functional organization of the human body including chemical, cellular, tissue and organ systems.	01.01	5%	3
Identify body planes, directional terms, quadrants and cavities.	01.02	10%	6
Define the chemical processes that maintain life.	01.03	5%	3
Use anatomical terminology to describe location of parts or areas of the body or to describe the relation of one part to another.	02.01	10%	6
Use correct medical terminology including roots, prefixes and suffixes to indicate anatomical structures.	02.02	5%	3
Describe cell structure and function in healthy tissue.	03.01	5%	3
Describe cell structure and function in diseased tissue.	03.02	5%	3
List the four main types of tissue.	03.03	5%	3
Define the location and function of tissues.	03.04	5%	3
Describe the structure and function of each body system across the lifespan.	04.01	5%	3
Identify common diseases and disorders of each body system including etiology, prevention, pathology, diagnosis and treatment/rehabilitation.	04.02	5%	3
Identify health careers related to each body system.	04.03	5%	3
Perform skills related to specific body systems.	04.04	5%	3
List and explain the direct and indirect causes of disease.	05.01	5%	3
Explain the chain of transmission.	05.02	5%	3

Discuss the immune system.	05.03	5%	3
Define and explain homeostasis.	05.04	5%	3
List and discuss the body's defense mechanisms.	05.05	5%	3
Describe DNA and its role in human heredity.	05.06	5%	3
Describe the role of human genetics in relation to genetic diseases.	05.07	0%	0
Identify current issues related to genetic research.	05.08	0%	0

TOTALS

List All Common Course Teachers:

Kimberly Rowland