Biology 30S Course Outline

Biology 30S focuses on the role and importance that bodily systems and organs play in order to maintain homeostasis – a constant internal environment in the body. You will be exposed to a wide range of vocabulary, concepts, research areas, and laboratory activities, which will all supplement the concepts introduced throughout the course.

**Course Overview**

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| **Unit 1: Wellness and homeostasis** | **Unit 2: Digestion and Nutrition** |
| Wellness  Homeostasis  Feedback mechanisms  Cell Membranes and transport | Basic Nutrient Structure and Function  Digestive System  Mechanical & Chemical Digestion  Absorption  Nutrition  Digestive Disorders |
| **Unit 3: Transportation and Respiration** | **Unit 4: Excretion** |
| Blood, blood vessels, and the heart  Cardiac cycle  Respiratory system  Breathing  Disorders/conditions and prevention | Urinary system  Metabolic Waste  Osmoregulation  Urinalysis and kidney failure |
| **Unit 5: Protection and Control** | **Unit 6: Controlling Mechanisms** |
| Immune system  Innate and Adaptive Responses  Lymphatic system  Immune disorders and prevention | Nervous System  Neurons  Reflex Arc  Brain Anatomy  Diseases and Prevention |
| **Unit 7: Homeostatic Changes** |
| **H:\website QR code.jpg**Coordinating Body Systems  Aging and Death |

**http://mrsaultclassroom.weebly.com/**

**Evaluation:**

Term Mark = 70%

Assignments, Homework, and Labs = 20%

Quizzes and Projects = 30%

Tests = 50%

Final Exam = 30%

Total = 100%

**Assignments**

To receive full credit for you work, it needs to be handed in at the beginning of the class on the due date. Late assignments will be accepted. A ten percent deduction from the total earned mark will be applied for each day that your assignment is late.

**Attendance:**

Punctuality and regular attendance is a key component to success. When you are away, you miss important information that will help you develop a strong understanding of the learning outcomes covered. If a student misses a class, it is their responsibility to check with the teacher or other students to determine what was missed.

If a student misses a test or quiz they will receive a zero (0) unless:

1. The absence is a pre-approved school activity
2. The teacher has been notified in advance (medical appointments, illness, etc.)

If the student has missed a test for one of the above approved reasons, an appointment must be made to write the test at lunch or before/after school hours.

**Academic Honesty**

Plagiarism is passing off work that has been done by someone else as your own. There will be times you will be expected to use someone else’s work, in which case you will need to give them credit for it by citing or referencing the source. If you plagiarize, you will automatically receive a grade of zero. Your parents and/or guardians will be contacted

If you are caught cheating on a quiz or test you will receive a grade of zero and your parents and/or guardians will be contacted.

**Extra Help**

If you are experiencing difficulty with the content, don’t hesitate to ask for help. I am more than happy to assist you with your studies. Let me know and we can make arrangements for further assistance in learning course material either before classes start, at lunch, or after school.

Let’s have a great semester!