

HUMAN BIOLOGY

SYLLABUS

TEACHER: Lisa Macha
Best way to be reached - email at lisa.macha@notredamecatholic.org
Or by phone at 692-6041 please leave message

TEXTBOOK: BIOLOGY
Miller and Levine
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DAILY SUPPLIES:

Textbook, spiral notebook, notebook paper, blue or black pen, pencil, colored pencils, 1 ½" 3-ring Binder with or without pockets

COURSE OBJECTIVE:

This course is just over one semester long and is designed to give students a working knowledge of the human body. Students get acquainted with the fundamental terms, concepts, and principles of human biology as they relate to the individual, society, and the environment. Students are given the solid foundation they need to understand and to care for the human body.

COURSE OUTLINE:

UNIT 8 THE HUMAN BODY

- Ch. 19 History of Life
- Ch. 30 Digestive and Excretory Systems
- Ch. 31 Nervous System and Sense Organs
- Ch. 32 Skeletal, Muscular, and Integumentary Systems
- Ch. 33 Circulatory and Respiratory Systems
- Ch. 34 Endocrine and Reproductive Systems
- Ch. 35 Infectious Diseases and the Immune System

This is an outline of material to be covered in the course listed. Dates of tests, homework, etc. will vary as necessitated by the pace at which the material is covered. Homework expectations, absences, the course grading system, etc. are explained on the Procedures for Room 112 handout.

Activities, labs, dissections and/or projects will be conducted during the study of each chapter and in some cases each section.

A year long project will involve a Human Body Diagram

GUIDELINES FOR HUMAN BODY DIAGRAM

1. The following organ systems are to be represented on your body:

Muscular	Circulatory	Nervous	Integumentary	Endocrine
Skeletal	Digestive	Respiratory	Excretory	Immune

2. The systems will be shown as follows:
 - Muscular** - one leg will have muscles drawn, labeled and colored
 - Skeletal** - one leg will have bones drawn, labeled and colored
 - Integumentary** - cross section of the skin will be drawn, labeled and colored off to the side of the body (usually near the top or bottom)
 - Circulatory** - one arm will have veins and arteries drawn, labeled and colored; the heart will also be drawn in the appropriate place, labeled and colored
 - Digestive** - the entire system (from the oral cavity to the rectum) will be drawn, labeled and colored
 - Excretory** - the cross section of the kidney and the entire excretory system will be drawn, labeled and colored off to the side of the body (again, usually near the top or bottom)
 - Nervous/Immune** - one arm will have nerves and lymph nodes drawn, labeled and colored; the brain will also be drawn in the appropriate place, labeled and colored; the eye and the ear will be drawn, labeled and colored off to the side of the body (top or bottom)
 - Respiratory** - the entire system (from nasal cavity to alveoli on one side) will be drawn, labeled and colored
 - Endocrine** - the adrenal glands and the thyroid gland will be drawn in the appropriate place, labeled and colored

3. Include the title: **THE HUMAN BODY** located at the head of the body and colored boldly
 - You should also take credit for your body by putting your name under the title

4. The **grading** of the body will be as follows:
 - There will be monthly "**body checks**"
 - Body checks are worth 25 points each time
 - Starting in September, you are to have your body at school on the second Thursday of the month for the body check.
 - You are expected to have a body system "in the works" as we cover the corresponding chapter in class.

The **final turn in grade** will be assessed as follows:

400 POINT GRADE

100 points - PUNCTUALITY - was body turned in on the due date or not

150 points - APPEARANCE/ACCURACY - was care taken to make the organs look good and are they in the right place, were organs and parts labeled correctly and outlined in black marker, were directions followed

150 points - QUANTITY - are all the systems and their parts shown, were requirements reached

FINISHED BODY DIAGRAM DUE DATE: THURSDAY, APRIL 29, 2020