Anatomy & Physiology

Mr. Jackson
2017-2018

E-mail: Best method of contact. I will respond within 48 hours.

John Jackson - john_jackson@dpsk12.org

Telephone: 720-424-1826

Call before or after school hours; leave a voicemail if no answer.

Parent Conferences: Parents, please contact me at the above e-mail or office phone number to schedule a meeting before or after school hours.

Student Tutoring Hours: Students, tutoring is available before school from 7:30 – 8:00 am on Fridays. Please let me know when you plan to attend tutoring hours. I can also make myself available during lunch or after school by request.

Web Site: The web site will have the syllabus and all assignments posted on it and will be updated weekly. http://dsapresents.org/staff/john-jackson/

Anatomy Curriculum

Circulatory/Heart/Blood
Body Orientations and Vocab
Endocrine/Exocrine
Respiratory
Muscles and attachment
Brain

Neurons
Human Reproduction
Sensory Organs
Immune System
Skeletal System
Diseases of the Human Body

A big part of learning in Anatomy is dissecting and learning hands-on. Although the dissections are an excellent way to discover anatomy, no one will be forced to dissect. There are different levels of participation to accommodate everyone. We will use the dissections to apply the vocab and physiology that we have learned about the body. There are some online virtual dissections that are available for those who may choose to do so, but keep in mind that not all dissections have an online virtual counterpart; any concerns please see me.

Every week students will have approximately 20 Latin prefixes and suffixes to memorize. There will be a quiz over them each week. Latin is one of the founding languages of medical terminology. By the end of the year you should be able to use these terms to decipher the meaning of any medical term.
Class Expectations:

- Students and teacher will respect each other at all times in the classroom. If respect is not shown a student can and will be removed from the class.
- Students will be expected to pay attention and be quiet during teacher instructional time.
- Students may NOT have any food during class or labs. Water bottles with a lid are OK.
- During a lab, students are to be on their best behavior and remain in their seat as much as the lab allows.
- Students will not swear and will not use put-downs.
- Students are not to play with the air and gas outlets, or the eye wash station.
- Cell phones should be put away at all times in class.
- Students are expected to be on time to class. When coming in late students will be asked to sign in with the date. After 3 times of tardiness parents will be contacted, and students will have one lunch detention.
- Plagiarism and academic dishonesty will NOT be tolerated. Plagiarism and academic dishonesty will result in a grade of 0% for that assignment/assessment.
- All papers will be turned into ‘turnitin’
- Students are to put away ALL computerized devices during tests. If a cell phone, computer, or smart watch is seen out during an exam, the student will receive a ‘0’ grade for that exam.

Generally, there are not student behavior issues in my science class. However, should issues arise, any disciplinary problems will be dealt with as described on the DPS District discipline ladder.

Not following the above-mentioned rules will result in:

1st time – Verbal warning
2nd time - Teacher-Student Conference & call home
3rd time - Call home to parents, and Teacher/Parent/Counselor Conference
4th time – Referral to Ms. Miles

Honors Grading:

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<tr>
<th>Percentage</th>
<th>Grade</th>
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<tr>
<td>100% - 90%</td>
<td>A</td>
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<tr>
<td>89% - 80%</td>
<td>B</td>
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<td>79% - 70%</td>
<td>C</td>
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<td>69% - 60%</td>
<td>D</td>
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<tr>
<td>59% - 0%</td>
<td>F</td>
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Students get two days to make up any work missed for every one excused absence as per district attendance policy. Unexcused absences and their make up work are up to the teacher’s discretion. Any student with an extended leave from school should notify the teacher at least 1 month in advance, or as early as is possible.

Please refer to the DSA handbook for the definition of excused and unexcused absences. Unexcused absences will be handled based on the DSA handbook, and may or may not allow a student to made up missed work.

Late Work:
Up to a week late – 50% off
Weighting:

Your grade will be weighted as follows:
65% -- Assessments
25% -- Process work
10% -- Final Exam

Process work will include any homework, labs, activities, research papers or class work that aids in you mastering the science standards that are taught in A&P and A&P Honors. Although each assignment will have different point values, as a whole they will not be more than 40% of your grade.

Assessments will be any culminating activity that allows you to show what you have learned, and your level of understanding of the concept. These activities can include tests, quizzes, projects, and group work. Since most of your grade is based on how well you understand the material be sure to ask questions and advocate for yourself if you need some help with a topic in class.

Honors Credit Option

All students have the option of taking this A&P class for regular credit, or honors credit. Students, if you choose to have Honors A&P credit you will need to write two 2-3-page research papers (double spaced, 12 point font, Times New Roman), and give a presentation that aligns with both of your paper’s topics. All papers must utilize scientific vocabulary and demonstrate an understanding of the concept. As a student, you have until September 1st to decide if you want honors credit. The paper must have a Works Cited page, and needs no fewer than three outside, scholarly sources (3-5 sources). Wikipedia is not a scholarly source!

1st quarter assignment due 10/10/16

Students will pick a bone or a skin disease for their paper/presentation topic. You must provide background information, symptoms, causes, transmission, treatments, cures, current research and any other relevant information on your topic. You must have your topic approved with Mr. Jackson before writing your paper.

Supplies

Students must have the following by September 1st:

- Any type of folder that can hold handouts
- Pens and/or pencils (which ever you are most comfortable with, but no red ink, or neon color.
- Composition notebook
I have students each bring 1 item to class to be used by the community. For example, one child may bring paper towels, but they will also be able to use anything anyone else brought to class such as Kleenex, tape, glue, scissors, Clorox wipes etc. If there is an issue with not being able to bring an item please email me or call me or just send a note with your student. Every family has different financial dynamics - I understand.

1 box Latex or Nitrile Gloves (last name A - M) (these are medical gloves- not dish washing, usually in pharmacy, in a small square box of 40-50. I can’t accept vinyl gloves- they do not stretch and are very hard to dissect with. If your student has a latex allergy please bring Nitrile gloves.) We will use a lot of gloves during the year!

1 Canister of Cleaning Wipes i.e. Clorox Wipes (last name N - S)

2 boxes of Kleenex (facial tissue) (last name T - Z)

I will assume that every parent has signed up for the Parent Portal to be able to view his or her child’s grade online. Students need to be proactive in looking at the Student Portal to keep up on their grades and missing assignments. I will use the email address given at registration to contact you regarding your child’s behavior and academic performance. If Internet access is difficult, or for any reason does not work, please let me know the best way to contact you about your child. Once an assignment has been collected please allow a few days for grading, and to input the results into the grading program. A blank in I.C. does not mean it is missing, it means it is not graded yet. A ‘0’ in IC means the date to turn it in has passed and your student did not turn it in. A ‘M’ in IC means that the assignment is missing and can still be turned in. You may email me with any questions you may have about your student’s progress.

This is going to be an awesome year! It is important for you to know that you will have to work to make it successful! What you get out of this class is dependant on what you put into it!

Thank you,
John Jackson

Return this portion only

I have read the Anatomy & Physiology Syllabus.

Student Name_________________________________________ Period________________

Student Signature:___________________________________________

Parent/Guardian Signature:____________________________________