

PLEASE KEEP IN MIND:

1. The grade you earn is yours and yours alone, based on what you have completed yourself.
2. Each specialty group needs 5 different diseases researched. This means: McCully's groups all need to have 5 diseases. Separately, Moriarty's groups all need to have 5 diseases. The classes are not combined for research they are responsible for.
 - a. Hypothetical: a group has 3 members, and has 5 diseases to research. If this group hands in 3 diseases completed, and not 5, each member will receive a grade deduction due to incomplete research. **No group member is responsible for more than 2 diseases.** It is your job as a group to divide equitably.
3. Each disease researched is worth a formative grade. Those students researching significantly more than other groups members may receive extra credit. I can determine this better after looking at the research.
4. **Grading:**
 - **Daily Grades:** 2 total (one for each week) based on work completed on a daily basis
 - **Formatives:** 3 total - researched disease, lab, enrichment (labs and enrichment formatives are marked below)
 - **Summative:** 1 summative grade for culmination activity - Patient Visit and Diagnosis
 - Extra Credit: any student can research an extra disease for 1-3 pts added onto summative grade. There are also several activities marked "Extra Credit" below. The extra disease can be from another specialty (listed below), or one that the student is simply interested in researching. The research should include:
 - Name and definition of the disease, symptoms, how it is diagnosed (tests/procedures, etc), treatment, and lifestyle changes after patient goes home

System	Research Links	Lab Links
Cardiology	http://www.nhlbi.nih.gov/health/health-topics/topics/hf http://www.nhlbi.nih.gov/health/health-topics/topics/hbp/ http://www.nhlbi.nih.gov/health/health-topics/topics/atherosclerosis http://www.nhlbi.nih.gov/health/health-topics/topics/cm http://www.nhlbi.nih.gov/health/health-topics/topics/peri http://www.nhlbi.nih.gov/health/health-topics/topics/heartattack http://www.mayoclinic.org/marfan-syndrome-diagnosis-treatment-video/vid-20114385 http://www.mayoclinic.org/diseases-conditions/marfan-syndrome/home/ovc-20195407 http://www.mayoclinic.org/diseases-conditions/sickle-cell-anemia/basics/definition/con-20019348 http://www.biologycorner.com/anatomy/circulatory/heart/heart_dissection.html	Enrichment: Virtual Heart Surgery FORMATIVE: Virtual Heart Surgery Handout Enrichment: Taking Blood Pressure Enrichment Video: Taking Blood Pressure Lab: Heart Dissection FORMATIVE Lab: Heart Dissection Conclusion Questions http://www.anatomyarcade.com/index.html Look at "Circulatory System" activities and videos - pick one
Immunology	http://www.mayoclinic.org/diseases-conditions/rheumatoid-arthritis/home/ovc-20197388 http://www.mayoclinic.org/diseases-conditions/lupus/basics/definition/con-20019676 http://www.mayoclinic.org/diseases-conditions/type-1-diabetes/basics/definition/con-20019573 http://www.mayoclinic.org/diseases-conditions/psoriasis/basics/definition/con-20030838 http://www.mayoclinic.org/diseases-conditions/graves-disease/basics/definition/con-20025811 http://www.mayoclinic.org/diseases-conditions/myasthenia-gravis/basics/definition/con-20027124	FORMATIVE: Lab: Blood Typing FORMATIVE: Enrichment: Antigen/Antibody Word Search http://www.anatomyarcade.com/index.html Click on "General" - pick at least one to complete
Gastroenterology	http://www.mayoclinic.org/diseases-conditions/peptic-ulcer/basics/definition/con-20028643	Lab: Rat Dissection

	<p>http://www.mayoclinic.org/diseases-conditions/pancreatitis/basics/definition/con-20028421</p> <p>http://www.niddk.nih.gov/health-information/health-topics/digestive-diseases/gallstones/Pages/facts.aspx</p> <p>http://www.niddk.nih.gov/health-information/health-topics/digestive-diseases/indigestion/Pages/facts.aspx</p> <p>http://www.niddk.nih.gov/health-information/health-topics/digestive-diseases/ger-and-gerd-in-adults/Pages/definition-facts.aspx</p> <p>http://www.cdfa.org/what-are-crohns-and-colitis/what-is-crohns-disease/?referrer=https://www.google.com/</p>	<p>FORMATIVE: Rat Dissection Conclusion Q's</p> <p>Enrichment: Stomach Surgery</p> <p>FORMATIVE: Stomach Surgery Handout</p> <p>Enrichment: GallBladder Removal Surgery</p> <p>Sign On: medschoolortho2016 PW: panthers2016</p> <p>http://www.anatomyarcade.com/index.html</p> <p>Play "Digestive Jigsaw"</p>
<p>Nervous</p>	<p>http://www.mayoclinic.org/diseases-conditions/epilepsy/symptoms-causes/dxc-20117207</p> <p>http://www.mayoclinic.org/diseases-conditions/brain-aneurysm/basics/definition/con-20028457</p> <p>http://www.mayoclinic.org/diseases-conditions/parkinsons-disease/basics/definition/con-20028488</p> <p>http://www.mayoclinic.org/diseases-conditions/migraine-headache/basics/definition/con-20026358</p> <p>http://www.mayoclinic.org/diseases-conditions/alzheimers-disease/home/ovc-20167098</p> <p>https://www.nhlbi.nih.gov/health/health-topics/topics/stroke</p> <p>http://www.mayoclinic.org/diseases-conditions/traumatic-brain-injury/basics/definition/con-20029302</p> <p>http://www.mayoclinic.org/diseases-conditions/spinal-cord-injury/basics/definition/con-20023837</p> <p>http://www.ninds.nih.gov/disorders/amyotrophiclateralsclerosis/detail_ALS.htm</p> <p>Virtual Sheep Brain Dissection</p> <p>Virtual Cow Eye Dissection</p>	<p>Neurology Enrichment:</p> <p>ExploreLearning.com (Gizmo)</p> <p>Sight vs. Sound Reaction Game Code:</p> <p>FZJZDKNNZ3</p> <p>FORMATIVE: Neuro Gizmo Handout</p> <p>Lab: Brain Dissection</p> <p>FORMATIVE: Brain Dissection Analysis Q's</p> <p>http://www.anatomyarcade.com/index.html</p> <p>Play "Match a Brain"</p>

<p>Endocrine</p>	<p>http://www.mayoclinic.org/diseases-conditions/acromegaly/home/ovc-20177622 http://www.mayoclinic.org/diseases-conditions/type-2-diabetes/home/ovc-20169860 http://www.mayoclinic.org/diseases-conditions/hypothyroidism/home/ovc-20155291 http://www.mayoclinic.org/diseases-conditions/cushing-syndrome/home/ovc-20197169 http://www.mayoclinic.org/diseases-conditions/hashimotos-disease/basics/definition/con-20030293 http://www.niddk.nih.gov/health-information/health-topics/endocrine/multiple-endocrine-neoplasia-type-1/Pages/fact-sheet.aspx</p>	<p>Endocrine Enrichment - How hormones work</p> <p>Endocrine Enrichment - Patient Diagnosis</p> <p>FORMATIVE: Patient Diagnosis Handout to hand in</p> <p>Endocrine Enrichment: Hormones and Receptors RDG</p> <p>FORMATIVE: Hormones and Receptors Wrkst</p> <p>Hormones and Receptors Shapes</p> <p>Endocrine Enrichment - videos</p> <p>http://www.anatomyarcade.com/index.html Look at “Endocrine” - pick at least one to complete</p>
<p>Urology</p>	<p>http://www.niddk.nih.gov/health-information/health-topics/urologic-disease/kidney-stones-in-adults/Pages/facts.aspx http://www.mayoclinic.org/diseases-conditions/kidney-infection/basics/definition/con-20032448 http://www.mayoclinic.org/diseases-conditions/polycystic-kidney-disease/basics/definition/con-20028831 http://www.mayoclinic.org/diseases-conditions/bladder-cancer/basics/definition/con-20027606 http://www.mayoclinic.org/diseases-conditions/cystitis/basics/definition/con-20024076 http://www.kscience.co.uk/animations/kidney.htm</p>	<p>Lab: Urinalysis (Directions) FORMATIVE: Urinalysis Handout to hand in</p> <p>Lab: Kidney Dissection FORMATIVE: Kidney Dissection Post Lab Q's</p> <p>http://www.anatomyarcade.com/index.html Click on “General” - pick at least one to complete</p>

<p>Dermatology</p>	<p>http://www.mayoclinic.org/diseases-conditions/shingles/basics/definition/con-20019574 http://www.mayoclinic.org/diseases-conditions/rosacea/basics/definition/con-20014478 http://www.mayoclinic.org/diseases-conditions/psoriasis/basics/definition/con-20030838 http://www.mayoclinic.org/diseases-conditions/eczema/basics/definition/con-20032073 http://www.mayoclinic.org/diseases-conditions/plantar-warts/basics/definition/con-20025706</p>	<p>FORMATIVE: Lab: Skin and Cheek</p> <p>FORMATIVE: Enrichment: CSI Skin Study</p> <p>Enrichment: Skin Cancer Examination</p> <p>Word Search</p> <p>http://www.anatomyarcade.com/index.html Click on "General" - pick at least one to complete</p>
<p>Pulmonology</p>	<p>http://www.nhlbi.nih.gov/health/health-topics/topics/asthma http://www.nhlbi.nih.gov/health/health-topics/topics/pnu http://www.nhlbi.nih.gov/health/health-topics/topics/cf http://www.nhlbi.nih.gov/health/health-topics/topics/brnchi http://www.nhlbi.nih.gov/health/health-topics/topics/pe http://www.mayoclinic.org/diseases-conditions/lung-cancer/basics/definition/con-20025531 http://www.mayoclinic.org/diseases-conditions/pulmonary-hypertension/home/ovc-20197480</p>	<p>FORMATIVE: Lab: Lung Capacity</p> <p>FORMATIVE: Lab: Respiration Respiration Lab Conclusion Q's</p> <p>http://www.anatomyarcade.com/index.html Look at "Respiratory" - pick one to complete</p>
<p>Orthopedics</p>	<p>http://www.mayoclinic.org/diseases-conditions/rheumatoid-arthritis/home/ovc-20197388 http://www.mayoclinic.org/diseases-conditions/bursitis/basics/definition/con-200151021 http://www.mayoclinic.org/diseases-conditions/tendinitis/basics/definition/con-20020309</p>	<p>Enrichment: Virtual Knee and Hip Surgery</p> <p>FORMATIVE: Virtual Hip Quiz</p>

<http://www.mayoclinic.org/diseases-conditions/acl-injury/home/ovc-20167375>
<http://www.mayoclinic.org/diseases-conditions/sprains-and-strains/basics/definition/con-20020958>
<http://www.healthline.com/health/lateral-collateral-ligament-lcl-injury#Prevention6>
<http://www.mayoclinic.org/diseases-conditions/fibromyalgia/basics/definition/con-20019243>

OR [Virtual Hip Worksheet](#),

FORMATIVE: [Virtual Knee Worksheet](#) **OR** [Virtual Knee Quiz](#)

Sign-on: medschoolortho2016
PW: panthers2016

FORMATIVE: [Enrichment: X-ray Diagnosis](#)

EXTRA CREDIT: [Enrichment: Ortho Injury Case Study](#)

EXTRA CREDIT: [Enrichment: Ortho Case Studies](#)

<http://www.anatomyarcade.com/index.html>

Play “Whack a Bone”, and “Poke a Muscle”
Look at “Muscle” tab - pick at least 1 to complete

[Word Search](#)

