Human Body System Project: YOU BE THE TEACHER

Working in a group you will be researching one of the human body systems. As a team you will work together to take notes (worksheet attached), prepare an activity and present by PowerPoint what you learned to the class.

**Part 1: Research / Notes (Worth 10 points)**
As a group you will research about your system. You each are responsible for filling out your own “Questions To Ask Yourself” worksheet and the preplanned slide sheet.

**Part 2: Model (Worth 10 points)**
Provide a model of your body system with the major parts or organs labeled with their name and functions. (You will use it in your presentation.)

**Part 3: Power Point Presentation (Worth 40 points)**
Tell the name of your organ system. You must describe (structure/function) the important organs of it. Explain how your body system works with others and a disease that could happen to your certain system. You must also give some fun/interesting facts.

The presentation must be given by Power Point. The presentation must consist of at least 8 slides (more if needed) and be printed 4 to a page before your present.

**Resources**
You will be provided with various books and Internet sites. You must use a minimum of 3 books/sites, not including your textbook. Resources must be properly cited in the MLA style (in your planner on page 113).

**Part 4: Activity (Worth 10 Points)**
Plan a 5-10-minute activity where you teach the class something about your system. (If supplies are needed make a list and help will be given)

**Part 5: During Presentations (Worth 10 points)**
During other presentations you will be expected to listen and fill out a chart of the different body systems

**Total Points Worth: 80 Points**

<table>
<thead>
<tr>
<th>Major Body Systems</th>
</tr>
</thead>
<tbody>
<tr>
<td>Circulatory System</td>
</tr>
<tr>
<td>Nervous System</td>
</tr>
<tr>
<td>Muscular System</td>
</tr>
<tr>
<td>Digestive System</td>
</tr>
<tr>
<td>Lymphatic (Immune) System</td>
</tr>
<tr>
<td>Respiratory System</td>
</tr>
<tr>
<td>Skeletal System</td>
</tr>
<tr>
<td>Excretory System</td>
</tr>
<tr>
<td>Endocrine System</td>
</tr>
<tr>
<td>Reproductive</td>
</tr>
</tbody>
</table>
Rubrics

Name: _______________________ System: ____________________ Hr: ________

PowerPoint ________/ 40

Introduction
1st slide should have your topic and the names of your team members ____/ 1 pt

Visuals
Must include appropriate pictures on slides to enhance your lesson
Minimum of 4 _____/2 pts

Organized/ Prepared
Slides were printed before hand and were ready to go _____/1 pt

Organs/Parts Structure ________/ 6 pts
All Included   Full Points
Missing 2      Minus    2 Points
Missing 3      Minus    4 Points
Missing 4+     Minus    6 Points

Organs/Parts Function ________/ 6 pts
All Included   Full Points
Missing 2      Minus    2 Points
Missing 3      Minus    4 Points
Missing 4+     Minus    6 Points

Explain How Your System Works with Others ________/ 6 pts
All Included   Full Points
Missing 1      Minus    2 Points
Missing 2      Minus    4 Points
Missing 3      Minus    6 Points

Disease ________/ 4 pts
Explain/Describe a disease of your system
Area it affects and symptoms

Fun Facts _____/ 2 pts
Find 5 facts about your body system or its parts.

Resources (last slide) _____/ 2 pts
You must use a minimum of 3 books/ sites, not including your textbook. Resources must be properly cited in the MLA style.

Individual Participation _____/ 10 pts
<table>
<thead>
<tr>
<th><strong>Activity</strong></th>
<th>____ / 10 pts</th>
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<tbody>
<tr>
<td>Plan a 10-minute activity where you teach the class something about your system. It can be a demonstration or a whole class activity. (Be Creative) (Your book also may help you) Well prepared. Pertained to the lesson Everyone Participated</td>
<td></td>
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<table>
<thead>
<tr>
<th><strong>Model</strong></th>
<th>____/10 pts</th>
</tr>
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<tbody>
<tr>
<td>Are all parts properly labeled? Was it used to enhance presentation?</td>
<td></td>
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<tr>
<th><strong>Presentations: Completion of Body System Packet</strong></th>
<th>____/10 pts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Was it filled out? No blanks Weren’t disruptive during presentations</td>
<td></td>
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<table>
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<tr>
<th><strong>Final Grade</strong></th>
<th>____ / 80 points</th>
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</table>

**Comments:**
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<th>Peer Comments</th>
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<tbody>
<tr>
<td>Now it is you turn to grade you team members. Put their name and tell me what they should get and why. A-F. (Be honest they will not see this I will just take it into consideration when giving grades and comments.) Put the group members name on the 1st line, their grade on the second line, and then 2 comments</td>
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1. __________________________  _______
2. __________________________  _______
3. __________________________  _______
4. __________________________  _______

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2. __________________________  _______
3. __________________________  _______
4. __________________________  _______
Internet Sites for the different systems
(You can use different ones) (Need to properly reference all)

Circulatory System

My body - Heart and Blood
A look inside the human body: the circulatory system
http://www1.bellevuepublicschools.org-curriculum/k6web/fifthgrade/bodysys/
The heart - an animation with information
http://www.ahealthyme.com/Imagebank/heart.swf
Circulatory system
http://hes.ucf.k12.pa.us/gclaypo/circulatorysys.html
How the Heart Works: The Heart House
http://www.childrenheartinstitute.org/educate/heartwrk/hearthse.htm
Map of the Human Heart
http://www.pbs.org/wgbh/nova/eheart/human.html
Thinkquest - The circulatory system
http://library.thinkquest.org/5777/cir1.htm
http://www.e-learningforkids.org/Courses/Liquid_Animation/Body_Parts/Blood/
Heart and circulation. A learning object in two parts - an animation and a drag-and-drop exercise.
http://www.e-learningforkids.org/Courses/Liquid_Animation/Body_Parts/

Digestive System

My Body : Digesting food
The digestive system - an animation with information
http://www.ahealthyme.com/Imagebank/digestive.swf
A look inside the human body : the digestive system
http://www1.bellevuepublicschools.org-curriculum/k6web/fifthgrade/bodysys/
The real deal on the digestive system
http://www.kidshealth.org/kid/body/digest_noSW.html
The digestive journey : a tour through the digestive system
http://www.uen.org/utahlink/tours/tourFames.cgi?tour_id=13125
Explore your digestive system - Take a journey through the digestive system and find out how all the parts work and why we couldn't live without them.
http://www.open2.net/everwonderedfood/interactives/digest.html
Nervous System

My Body : Brain
My brain
http://projects.edtech.sandi.net/brooklyn/humanbody/brain.htm
All about the brain
http://www.childrensuniversity.manchester.ac.uk/interactives/science/brainandse
nse/brain.asp
Your gross and cool body: nervous system
http://yucky.kids.discovery.com/noflash/body/pg000136.html
Neuroscience for kids - Explore the brain and spinal cord

Muscular System

The Body : Muscles
Your gross and cool body: muscular system
http://yucky.kids.discovery.com/noflash/body/pg000123.html
The muscular System - Human Anatomy Online
http://www.innerbody.com/image/musfov.html
Your multi-talented muscles
http://www.kidshealth.org/kid/body/muscles_noSW.html
Inside Out - Discover Anatomy – Muscles
http://insideout.rigb.org/ri/anatomy/tissue_issues/muscles.html
Muscles
m
Muscles of the human body - an animation
Muscles. A learning object in two parts - an animation and a drag-and-drop exercise.
http://www.e-
learningforkids.org/Courses/Liquid_Animation/Body_Parts/Muscles/index.html

Respiratory System

Lungs and breathing
A look inside the human body : the respiratory system
http://www1.bellevuepublicschools.org/curriculum/k6web/fifthgrade/bodysys/
Respiratory system
http://hes.ucf.k12.pa.us/gclaypo/respiratorysys.html
Your gross and cool body: respiratory system
Skeletal System

Inside Out - Discover Anatomy - Bones
http://insideout.rigb.org/ri/anatomy/tissue_issues/bones.html
Thinkquest - The skeletal system
http://library.thinkquest.org/5777/ske1.htm
The skeletal system - Human Anatomy Online
http://www.innerbody.com/image/skelfov.html
MuscleSculpt - The skeletal system
http://www.musclesculpt.com/Skeleton.html
Skeletal shakedown
The big story on bones
http://www.kidshealth.org/kid/body/bones_noSW.html
Bones of the human body - an animation

Endocrine System

http://yucky.kids.discovery.com/flash/body/pg000133.html
http://www.kidinfo.com/Health/Human_Body.html
How the body works
http://kidshealth.org/kid/htbw/
Biology for Kids
http://wwwbiology4kids.com/files/systems_endocrine.html
http://biology.clc.uc.edu/courses/bio105/endocrin.htm

Excretory System

http://library.thinkquest.org/10348/find/content/excretory.html
http://yucky.discovery.com/noflash/body/pg000128.html
http://wwwbiology4kids.com/files/systems_excretory.html
http://library.thinkquest.org/2824/Excretory.html
Immune System

http://uhaweb.hartford.edu/BUGL/immune.htm
http://www.microbiologybytes.com/iandi/2b.html
http://www.antigenics.com/diseases/immune_whatis.html
http://nobelprize.org/educational_games/medicine/immunity/immune-overview.html