**Muscular System Project**

**Directions**

 Prepare to present your research project to the class on your chosen topic. Find out as much as you can about the topic you have chosen, including key terms, background information, graphs, data, and any other visuals that will enhance your paper and presentation. You may choose any approved topic on the muscular system (some diseases/disorders are listed on the back of this handout to give you some ideas).

 The paper should be a minimum of 3 **full** (double spaced) typed page and a maximum of 4 (double spaced) typed pages. Include a “References” (separate) page with at least three different sources (dictionaries, encyclopedias, and Wikipedia are **NOT** acceptable sources). The paper should be completed **individually** (i.e. every student will hand in a different research paper). Your paper has 4 sections: (1) Introduction, (2) Description of the Muscular System, (3) Description of YOUR assigned disease/disorder including history, causes, symptoms, prevention, treatment, and demographics (types of people) most affected, (4) Conclusion (your personal thoughts).

 As a **group** of no more than four members, you also need to produce a visual presentation. This can be a Poster, PowerPoint, Self-Made Movie, Play, Song, or any other way to keep your peers interested in your presentation. The presentation will be for your teacher and peers, and should last about 5 minutes.

 Paper Due: 12-18-2015

 Presentation Due: 12/16/2015

Grade Breakdown

**Written Response (Individual Grade)**

5pts Introduction

5pts Description of the Muscular System

15pts Description of YOUR Assigned Disease/Disorder

10pts Conclusion

10pts Resource Page & References (on a separate page)

5pts Neatness, Format, Spelling, Grammar

**Presentation (Group Grade)**

10pts Preparedness (not reading, looking at audience, speaking loudly)

15pts Description of Assigned Disorder (or topic)

10pts Attempt to Keep Audience Interested & Engaged (i.e. not just a plain presentation of info)

10pts Neatness and Presentation of Visuals

5pts Respect During Other Groups’ Presentations

**Muscular System Diseases/Disorders**

* Amyotrophic Lateral Sclerosis (ALS)
* Becker Muscular Dystrophy (BMD)
* Duchenne Muscular Dystrophy (DMD)
* Emery-Dreifuss Muscular Dystrophy (EDMD)
* Limb-Girdle Muscular Dystrophy (LGMD)
* Phosphorylase Deficiency
* Mitochondrial Myopathy
* Myasthenia Gravis (MG)
* Myofascial Pain Syndrome
* Myotonia Congenita (MC)
* Myotonic Muscular Dystrophy (MMD)
* Paramyotonia Congenita
* Polymyositis (PM)
* Spinal Muscular Atrophy (SMA)

If you would like to research a topic that is not on this list, ask your teacher for approval.

Name

Date

Title

**Introduction**

 This section should be about ¼ - ½ of a page long. Simply introduce your topic (just a few sentences).

**Muscular System**

 This section should be about ½ page long. Provide an overview of the Muscular System. You can write this section from what you already know of the Muscular System or reference material from what we learned in class (such as the PowerPoint notes). This section should not include formal references and should also not include your opinions/thoughts.

**<The Name of your Assigned Disease Goes Here>**

 This should be the bulk of your paper (about 2 – 2½ pages). For your disease, you should include its history, causes, symptoms, prevention methods, treatments, and demographics most affected (types of people – age, sex, ethnicity, sexual orientation, where they live, etc.). Include anything that you find interesting and relevant about your topic. This section needs to have three “good” references and they must be sited within the paper or it will be considered plagiarism. To be clear, whenever you switch to a different reference, you should site it at the end of the last sentence before switching to another reference. This is done by: (Reference’s Last Name, YEAR) or (Company, YEAR). Lastly, keep this section as factual as possible (do not include your opinion).

**Conclusion**

 This section should be about ½ - ¾. Use this section to provide any final thoughts that you may have about your topic. This section can and should include your opinions and thoughts on the topic. However, you should not site any formal references in this section.

**References**

Include your references here, on a separate page. They should also be sited throughout the “topic” section of your paper. No dictionaries, encyclopedias, search engines, threads, Wikipedia, textbooks, etc. You should use and cite at least three references in your paper. Note: If you do not have a resource cited in your paper, do not include it with the references. The format to follow is:

Agency, Corporation, etc. whom ® to. (Year, Month, Day of ®). *Title of the website.* Retrieved Month Day, Year, from website address.com

Canadian Food Inspection Agency. (2004, April 28). *What are genetically modified foods?* Retrieved February 23, 2005, from http://www.inspection.gc.ca/english/sci/biotech/safsal.shtml

Guidelines:

 Minimum of 3 **full** pages, maximum of 4

Double spaced (typed)

 12-pt. font Times New Roman or 11 pt. font Cambria

 1-inch margins

 References and citations should be in APA format (Hint: Google it for questions)

Must be printed and turned in

Paper Due: 12/02 (Per 1), 12/03 (Per 2 4 6 7)

NOTE 1: if you are absent, then it must be sent to the @gmail.com account before noon or it is still considered late

NOTE 2: Computer/email problems will not be acceptable excuses for not being turned in on time. I recommend you print out your paper a couple days early at the school library. I will not send you down to the library to print your paper on the day that it is due.