Webquest - Skeletal and Muscular System

Directions: Using the internet as a resource, you will be exploring the skeletal system by interacting with several different web sites. Answers to each question can be found by using the web site listed. ENJOY!

Find the answers to questions 1, 2, and 3 at

1. What are 5 important functions of the skeletal system?

2. How many bones are in the human body?

3. Why do adults and babies have a different number of bones?

Find the answers to questions 4 and 5 at
http://kidshealth.org/kid/stay_healthy/food/minerals.html

4. Why do we need calcium?

5. How do we get calcium?

Find the answers to questions 6 and 7 at

6. What is the largest bone in the body and where is it located?

7. What is the smallest bone in the body and where is it located?

Find the answers to questions 8 and 9 at
http://yucky.kids.discovery.com/flash/body/pg000124.html

8. Explain how bones move.
9. What is the material in the center of most of your bones and what does it do?

**Using the links provided**, complete the following muscular system web quest. Be sure to follow the directions at each webpage and take time to learn about the muscles.

Part 1. Find Multi-talented Muscles:
http://www.kidshealth.org/kid/body/muscles.noSW.htm
1. What are 3 of the functions of the Muscular System?

2. What are the three types of muscles?

3. Write a description of each type of muscle.

4. Give an example of each type of muscle.

5. What is another name for smooth muscles?

6. List three places you might find smooth muscle and what do they do?

7. What type of muscle makes up the heart and what does it do?

8. What is the name of the type of muscle in your bicep and what does it do?

9. What are muscles made of?

Part 2. Find Discovery Kids website:
http://yucky.discovery.com/flash/body/pg000123.htm
6. Answer the following questions:
10 How much of your body weight is muscle?

11 How do muscles make you move?

12 How many muscles are in the human body?

13 What is a voluntary muscle?

14 Where are involuntary muscles found and how do they move?
15 What happens when you pull a muscle?

16 What is the largest muscle in the body?

17 What is the busiest muscle in the body?

Every bone in your body has a name. Go to http://hes.ucf.k12.pa.us/gclaypo/skelweb/skel04.html and review all the bones in your body. After reviewing the bones, try the Bone Match Game on the web site.

Go to http://www.senteacher.org/bin/bones.htm and record the time it takes you to put the bones where they belong.

At the bottom of the page is “FLEX SOME MUSCLES” activity. Click on this link. Choose male or female. Click on the muscles in the box on the left. Read the description of this muscle in the box on the right. Click on the muscle on the right and drag it to the human body. Write down the ten muscles that you have found.

Have your teacher initial when the diagram is completed. _____________________