

## Portfolio Assignment #1 Construction of a Synovial Joint

Name (s): \_\_\_\_\_

Date Handed In: \_\_\_\_\_

### Instructions:

1. You are to create a model of a synovial joint using any medium (clay, plaster, etc.).
2. You must colour code all structures (red=muscles, brown=blood supply) and clearly label all parts of the joint (Words or Reference #'s with a legend)
3. You should include muscles, tendons, ligaments, bursa, blood supply, points of insertion etc. You will need to use resources other than the classroom textbook. You are expected to include these diagrams with your final project.
4. Students are to include a "picture" time line of the joints development.
5. Your model must replicate the normal range of motion that the joint would have, no extra flexion, or extension.
6. Think of your model as a teaching aid, and it must be able to take normal wear, and tear.
7. Ensure that this sheet is handed in with your assignment.

Category	Incomplete/ Remediation	Level 1	Level 2	Level 3	Level 4
Knowledge and Understanding	Insufficient demonstration of expectations	Demonstrates limited knowledge of facts and terms	Demonstrates some knowledge of facts and terms	Demonstrates considerable knowledge of facts and terms	Demonstrates thorough knowledge of facts and terms
Thinking/Inquiry	Insufficient demonstration of expectations	Uses thinking skills with limited effectiveness	Uses thinking skills with some effectiveness	Uses thinking skills with considerable effectiveness	Uses thinking skills with a high degree of effectiveness
Communication	Insufficient demonstration of expectations	Communicates information and ideas with limited clarity	Communicates information and ideas with some clarity	Communicates information and ideas with considerable clarity	Communicates information and ideas with a high degree of clarity
Application	Insufficient demonstration of expectations	Makes connections with limited effectiveness	Makes connections with some effectiveness	Makes connections with considerable effectiveness	Makes connections with a high degree of effectiveness

Teacher Comments: