

Constructing a Model of a Synovial Joint

Name of Creator: _____

Mission: To create a synovial knee joint that will highlight the following components

- Bones (Tibia, Fibula, Femur, Tibial Tuberosity, Patella)
- Articular Cartilage and Meniscus
- Synovial Capsule, Bursae
- Ligaments (LCL, MCL, Patellar Ligament)
- Muscle (Quadriceps muscle and tendon)

1. Cut the transparency in half with a pair of scissors
2. For each of the components use a 1/2 sheet transparency with a distinct color to draw(trace) and label a specific component of the synovial joint
3. Use the diagram below to trace each of the components of the synovial joints with different colors (You will have to free hand the Bursae and capsule - refer to textbook)
4. Staple 5 transparency together and submit stapled to this page - with your model overlapping the diagram on your page

