

In this Step by Step we are going to build a model leg. This will help your understanding of how the leg moves at each of the joints and also allow you to put into practice what you now know about the Gait Cycle. In addition you can apply plasticine to the model to assist your understanding of where the muscles and ligaments of the legs are positioned.

Lets get started.....

1. You will need:

Wood Glue

2x bolts and nuts

Wood (in the pictures are 2x long pieces, 3x medium pieces and 4x short pieces— all purchased from Hobbycraft)

Playdough (or similar) for modelling
Drill



2. Gluing (supervision required)

Glue the 2x long pieces of wood together



Glue 2x medium pieces together and reserve 1x piece



Glue 2x short pieces together leaving 2x individual small pieces

