

The Human Body

Apparatus

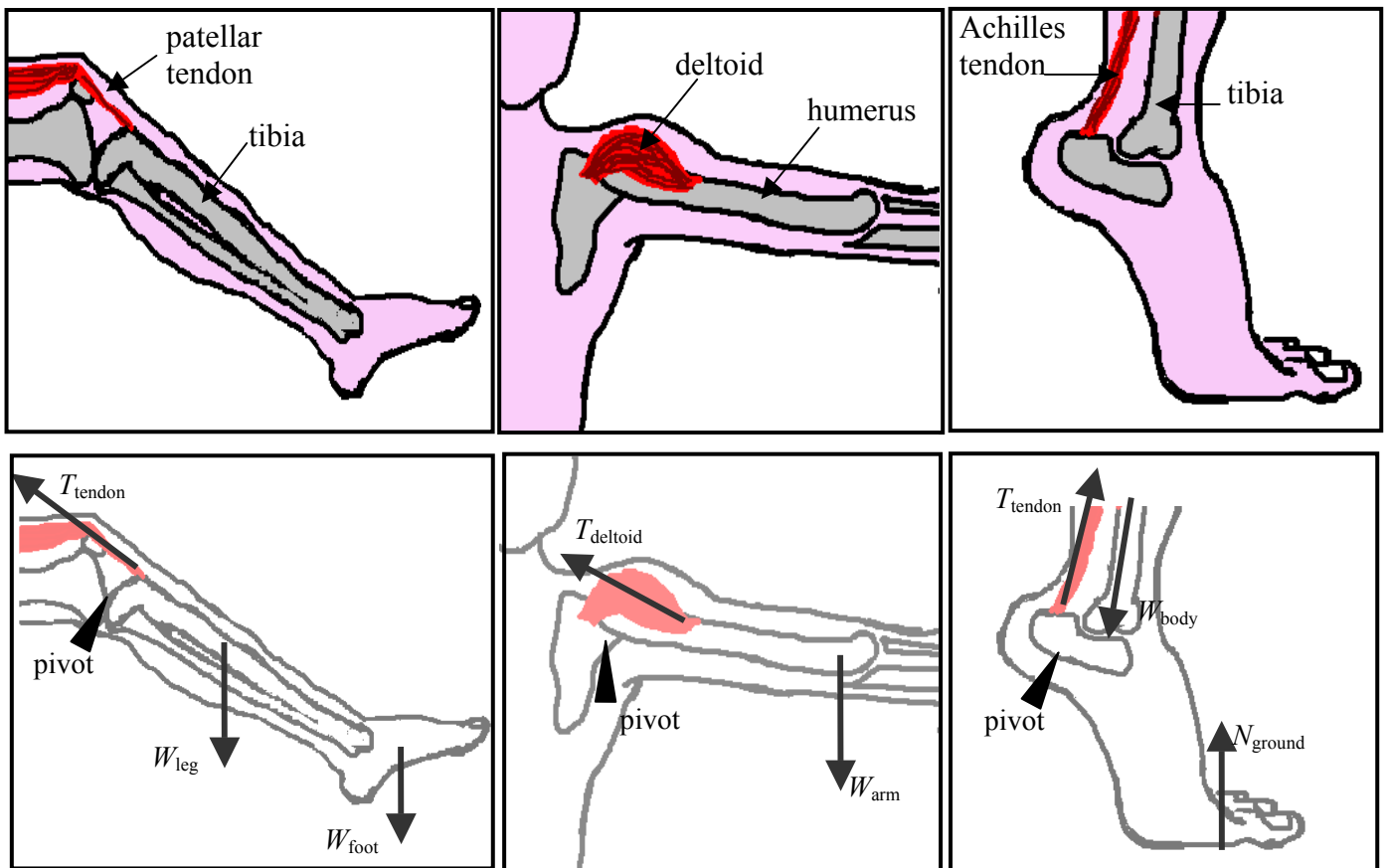
set of diagrams showing some of the pivots (joints) in the human body and the muscles which exert torques around them, see below for examples

Action

The students examine the diagrams, and their own joints. They should identify the pivots, forces and directions of forces acting at the joints.

The Physics

Several joints and the muscles/tendons which exert torques on them are shown.



Accompanying sheet

The Human Body

Identify the pivots in the diagrams.
What muscles act to produce a torque around these joints?
Where do the forces act, and in what direction?

You may want to compare with your own joints.