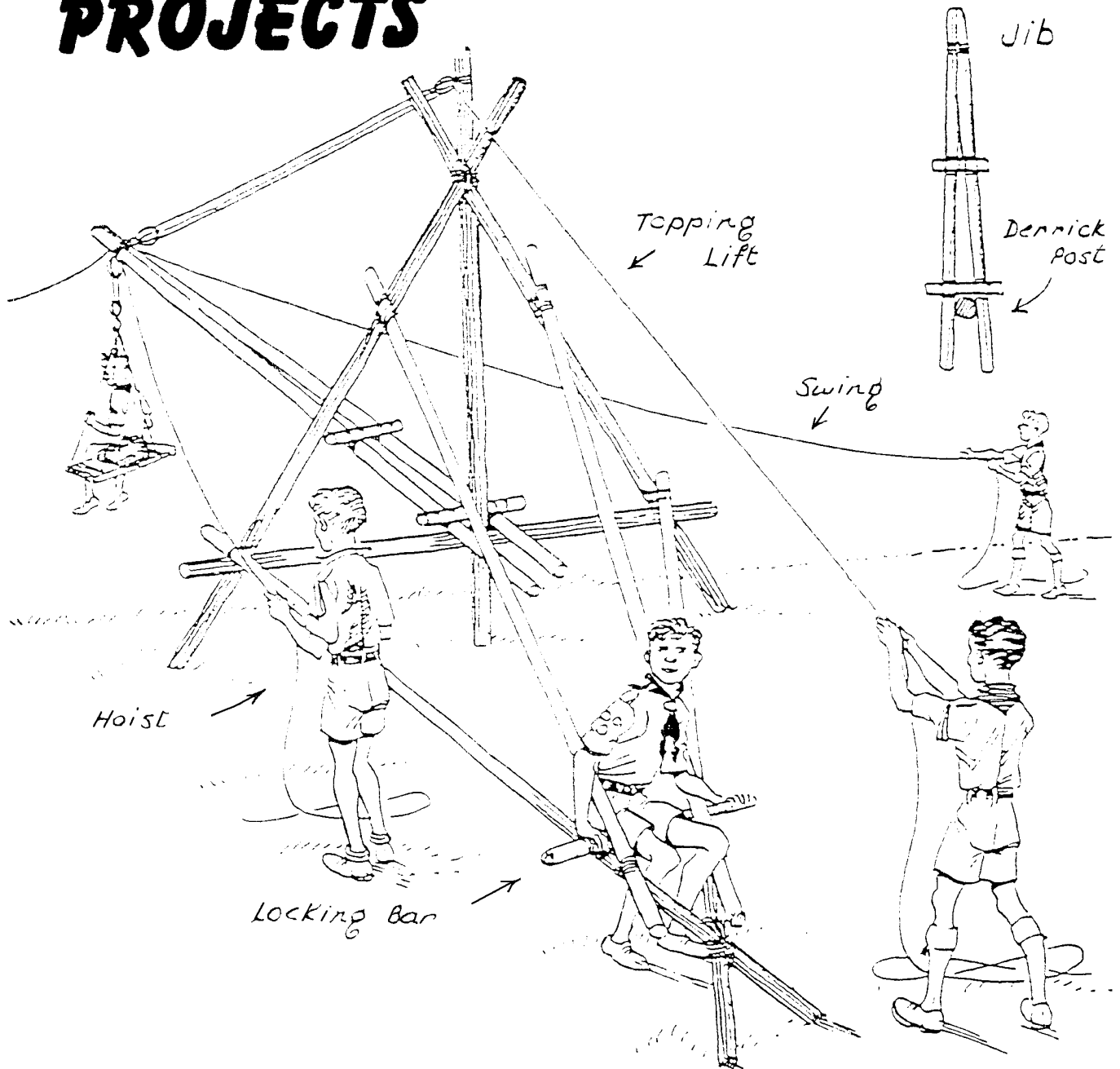


PIONEERING PROJECTS

The Brandon Transportable SWINGING DERRICK



The DERRICK POST is lashed to the face of a pair of sheer legs which are supported by a second pair braced backwards to form an extended back leg with back transoms lashed from the legs of the forward sheers to the apex of the back leg to form a rigid structure. Note that any pioneering structure built of triangles will be rigid if the lashings are sound.

The JIB UNIT is a third pair of sheer legs that should fit snugly around the derrick post. Note that the back leg should be at least twice as long as the jib. The theory of the structure (which you are invited to prove or disprove by trial and error) is that a considerable load on the jib can be balanced by manual pressure alone on the end of the back leg.