

Mechanical Systems- Shaduf



These are examples of some Shadufs that are still used today. They are used to get water from rivers, wells and other water sources.

A shaduf is a hand-operated device for lifting water. It was invented in ancient times and they are still used today in India and Egypt. Typically, they are made from a long pole with a skin or bucket hung on a rope from the long end and a weight is attached to the short end.

Materials

These are things that are used to make an object.

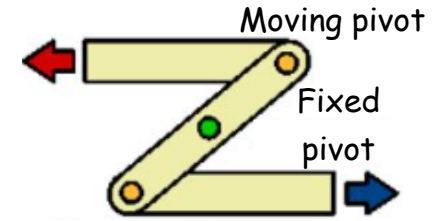
wood
twigs
string
rope
faux fur
faux leather
thread

Equipment

These are the tools you will use to make an object.

scissors
junior hack saw
needle
weight

Pivot points



Moving pivot

Pivot points are the points on a mechanism that move or stay fixed. On the picture above the yellow points move and the green point stays fixed.

Lever

