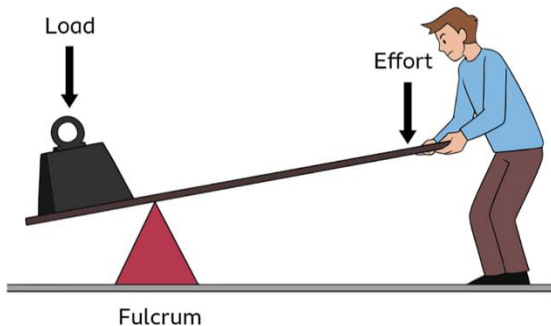




Key Vocabulary

mechanism	a set of mechanical components assembled together to perform a particular task
lever	a bar or rod that moves about a pivot or fulcrum
fulcrum	the point of support of a lever, around which it moves
load	the thing to be moved
effort	the power we use to make the lever work
design criteria	the specific goals that a project must achieve in order to be successful
design	a plan or drawing produced to show the look and function of an object or idea
assemble	fit together the separate component parts of (a machine or other object)
evaluate	judging the quality, value or relevance of something you've done



Mechanisms – Levers and linkages

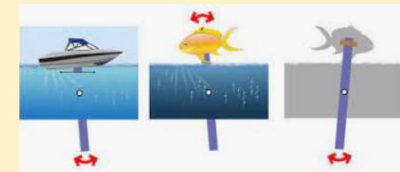
Puppets

A puppet is a movable model of a person or animal that is typically moved either by strings controlled from above or by a hand inside it. Puppets can help create interaction during a story, which can make the story more fun and memorable.

Levers

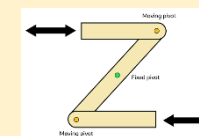
Levers are used to rotate something around a fulcrum. For your puppets, the body parts will be connected by split pins which will be your fulcrum.

You need to make sure that the bar for your lever is the right size otherwise it won't rotate properly.

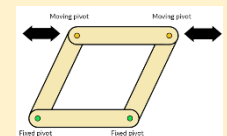


Linkages

A linkage is a mechanism made by connecting together rigid links or levers. Depending on the design of the linkage, the levers can move in different directions. Linkages are found in many different machines including folding chairs and the arm of a digger.



reverse motion
linkage



parallel linkage