

What simple machines were used in your mousetrap car and where?

Lever - Arm + Mechanism

Axle - wheel + Axle

Inclined plane -

pulley - String on axle

Screw - + Bolts



I can design a compound machine that performs a simple task.

Read page 21 as a group

Go ahead to page 22  
reading quietly to  
yourself.

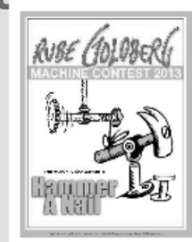


I can design a compound machine that performs a simple task.

Design a compound machine that hammers a nail. (conceptual model)

Rules:

1. You must use at least 3 of the simple machines.
2. Your compound machine must have at least 10 steps.
3. No human touch is allowed apart from at the very first step.
4. No animals may be harmed in the making of your rube Goldberg.
5. No guns



*"To invent, you need a good imagination and a pile of junk."*  
– Thomas Edison

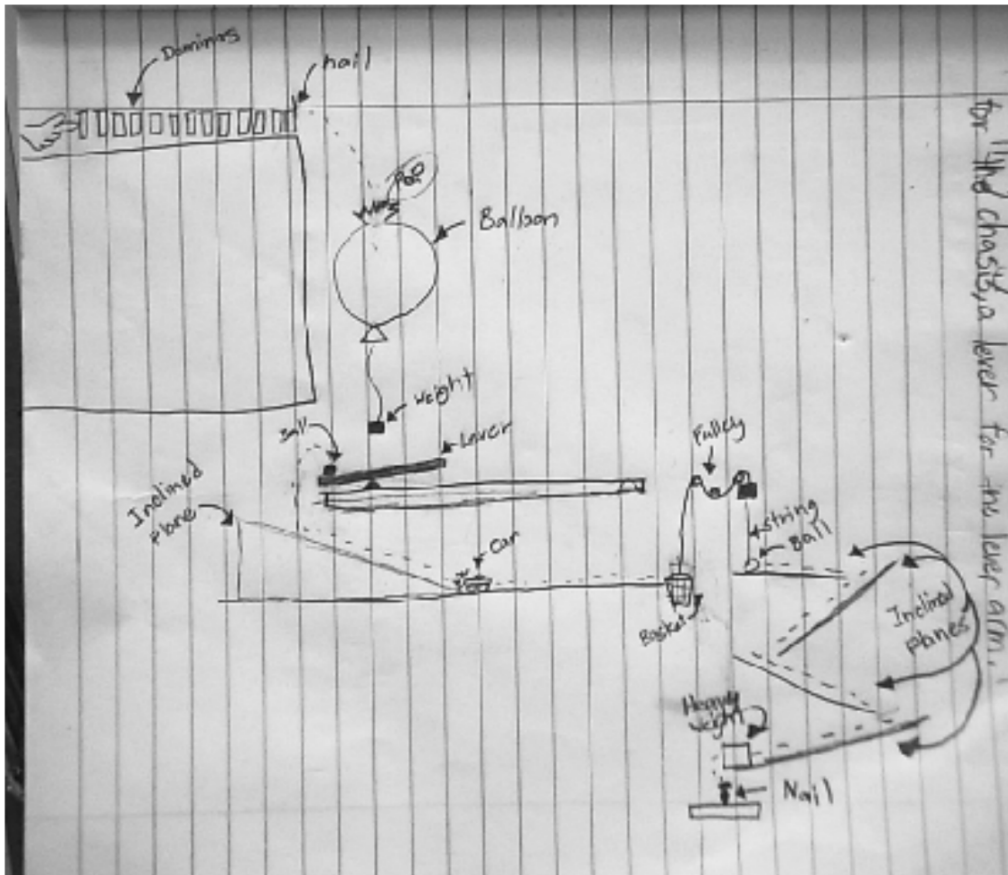


I can design a compound machine that performs a simple task.

[www.rubegoldberg.com](http://www.rubegoldberg.com)

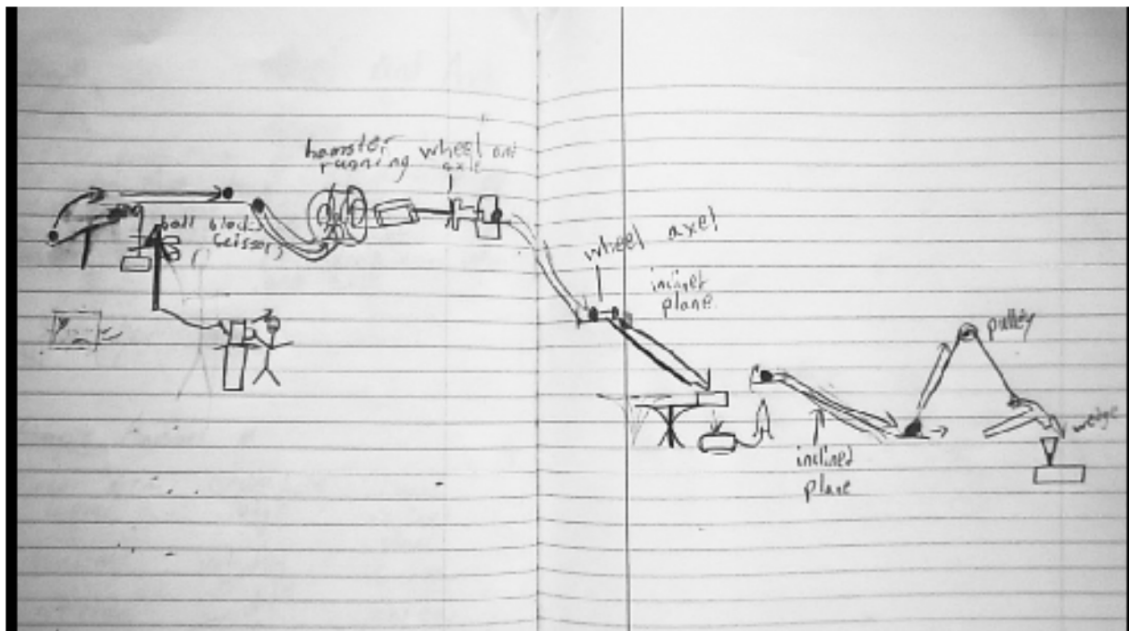


I can explain how a simple machine works and relate that to my mousetrap car.



for the chaotic lever for the lever arm.

Maddox Malcom



kian Carson