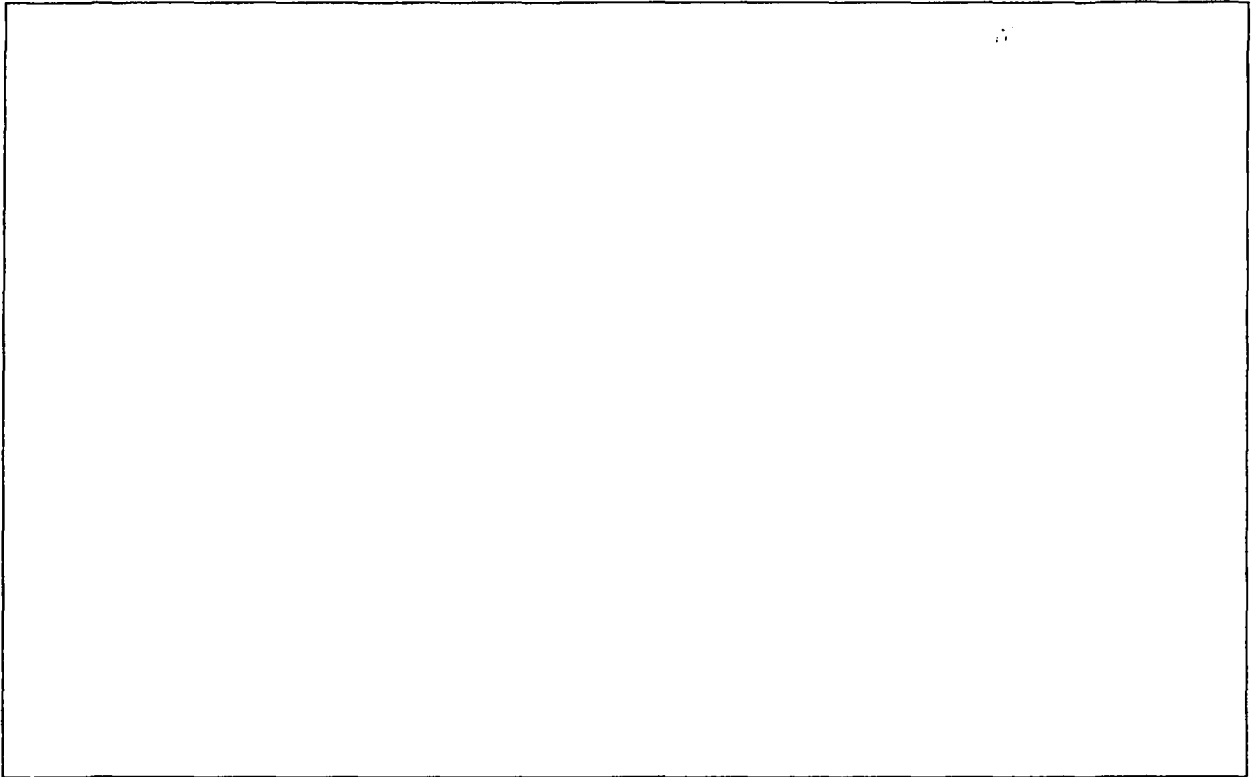


A drawing/picture of my simple machine :



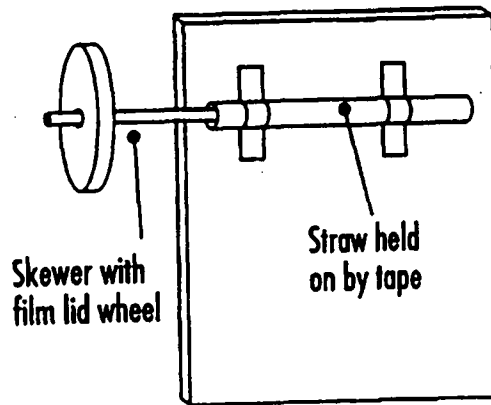
What functioned well with the design of your machine?

What did not function well?

What are two things that you would change next time in your design/construction?

Wheels and Levers - Ideas

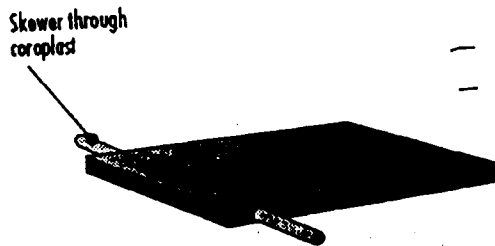
- *Plastic drinking straw as axle housing*



FIXED WHEEL

Wheel fixed to axle,
axle free to rotate
in axle housing

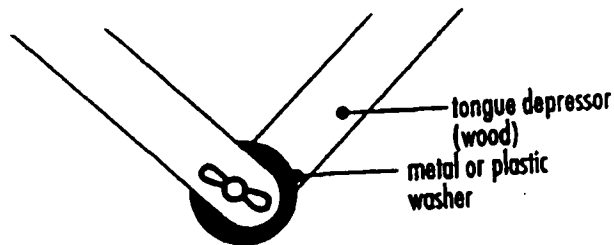
- *Axle through coroplast*



For wheels,
consider also :

- milk jug caps
- cardboard
- styrofoam
- spools
- film canister lids

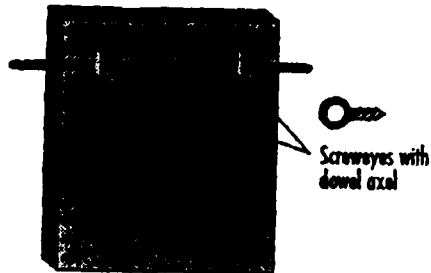
- *Use plastic or metal washers between moving joints*



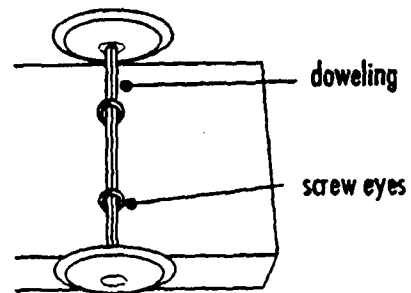
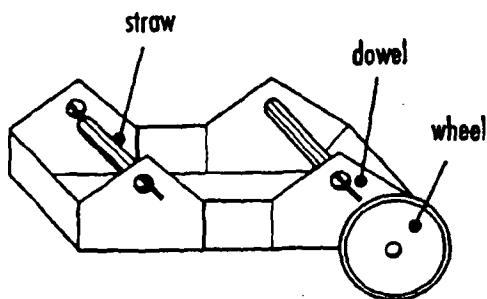
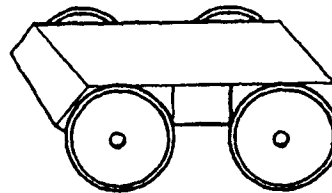
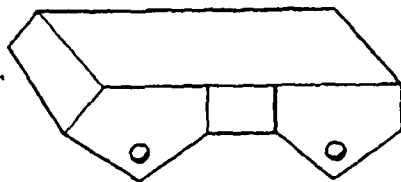
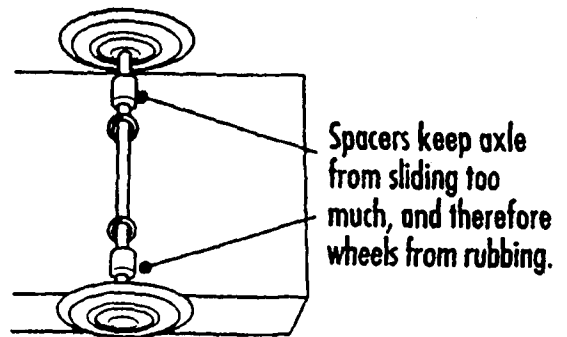
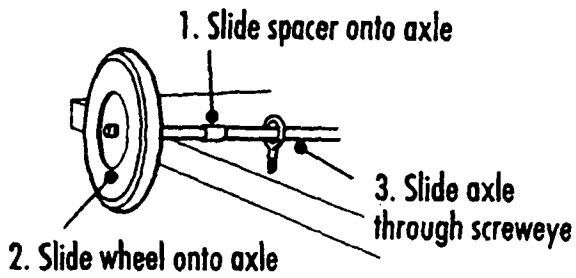
Wheels and Levers... continued - Ideas

2. Minimize Surface of Contact

- Eye screws as axle holders

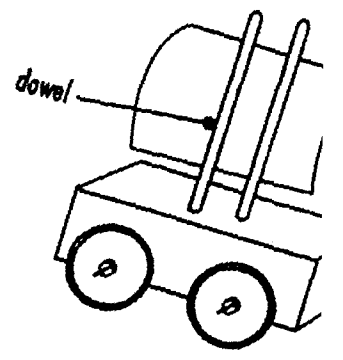
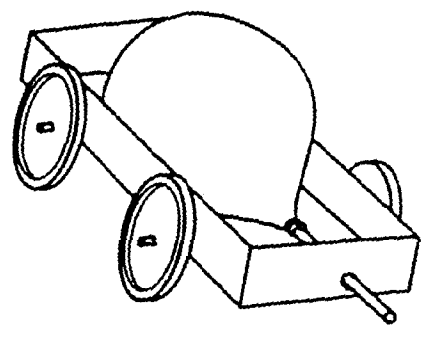
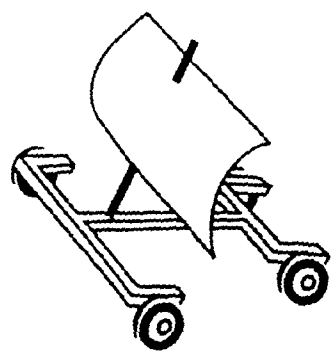


3. Stabilize Moving Parts

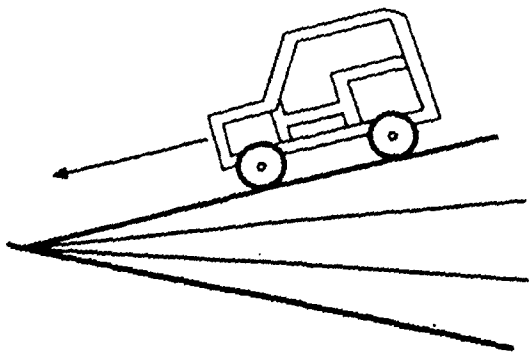


Simple Forces - Ideas

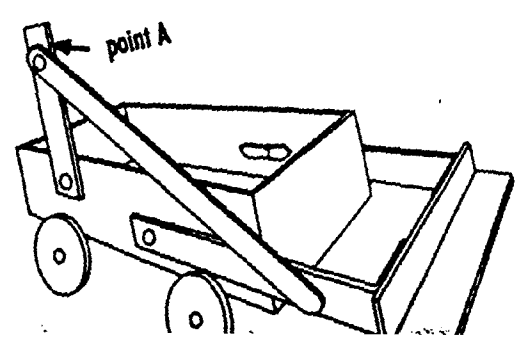
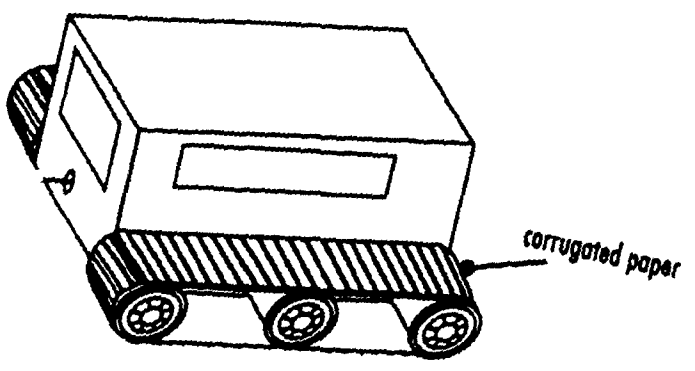
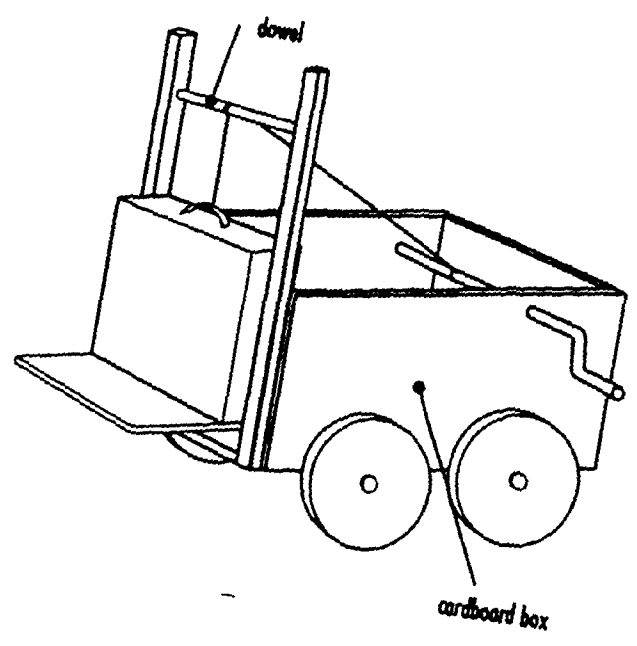
Air:



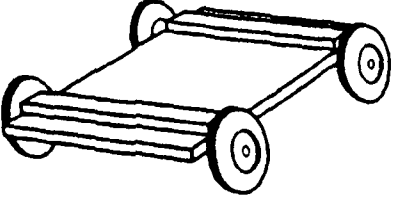
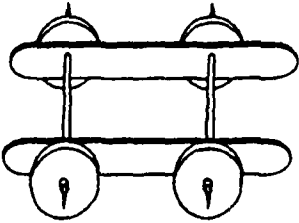
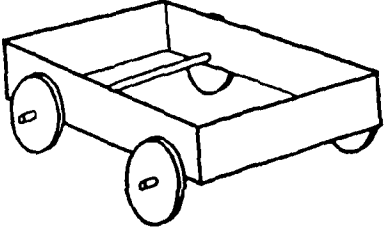
gravity:

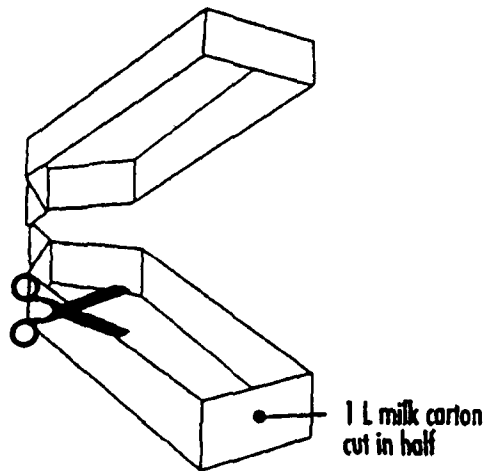


push / crank:



Frames or - Ideas Chassis

Coroplast Model	Popsicle Stick Model	Cardstock Box Model
		



Consider also :

- juice boxes
- shoe boxes
- wood
- plastic container
- styrofoam