

energy 1

Things you need

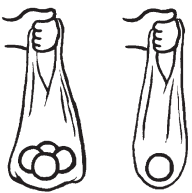
- plastic bag (e.g. shopping bag)
- lots of things to put in the bag (e.g. blocks, balls of different masses and sizes)

Words to use

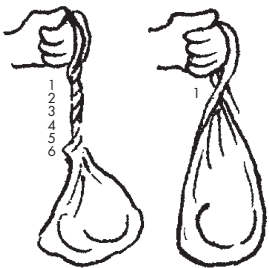
faster
 slower
 more mass
 less mass
 energy

Extension

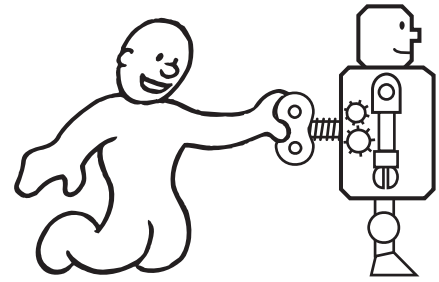
- Use objects with more mass or less mass.



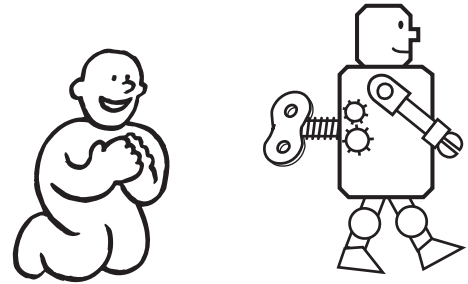
- Vary the amount of winding.



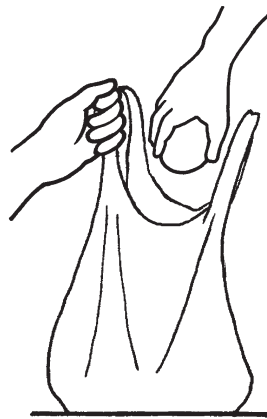
Storing energy



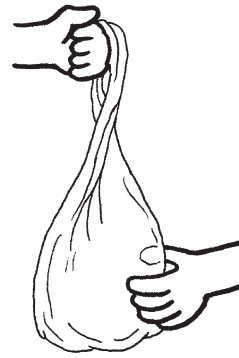
Releasing energy



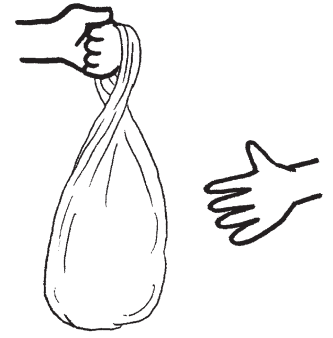
Hold an empty bag by the handles with one hand.
 Twist the empty bag 10 times.
 Let go. What happens? _____



Put some mass in the bag



Twist the bag around



Let go

What happens now when you let go of the bag?

Which has the most energy?
