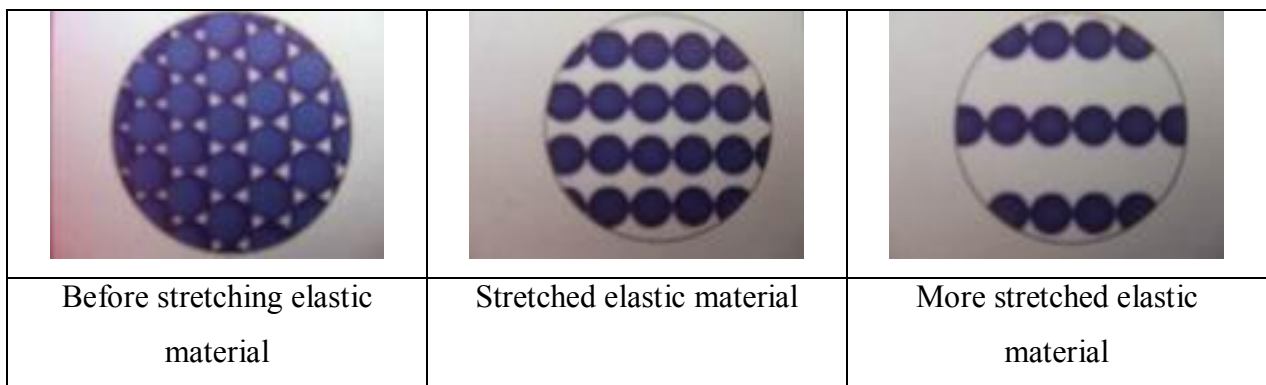


PROPERTIES OF MATTER (teacher's notes)

ELASTICITY

About elasticity:

- A solid is elastic when it returns to its original shape and size after it has been stretched.
- If a force used to stretch any material is bigger than its *elastic limit*, the object will be permanently stretched or it can be broken.



The photograph below shows a trampoline. Trampolines are an example of how we can apply elasticity in an easy way.



Activity 1: Let's test elasticity.

C) The elastic band.

F) No. Just solids have this property.

G) A solid is elastic when it returns to its original shape and size after it has been stretched.