

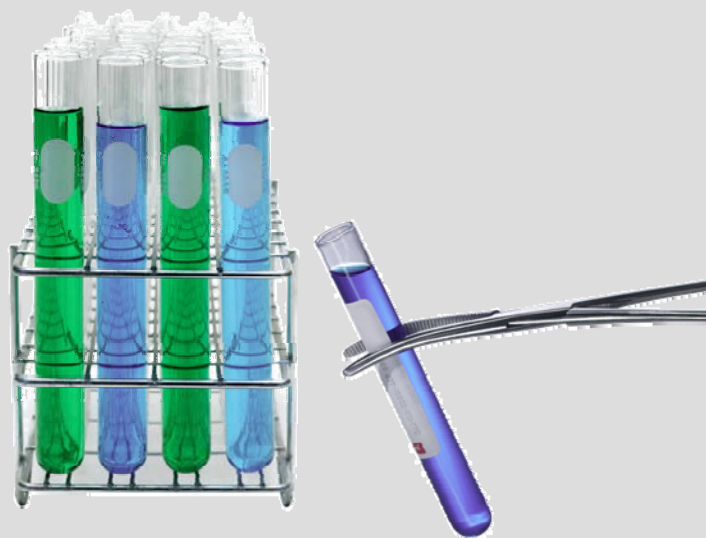
**SCHOOLS
LINKS**



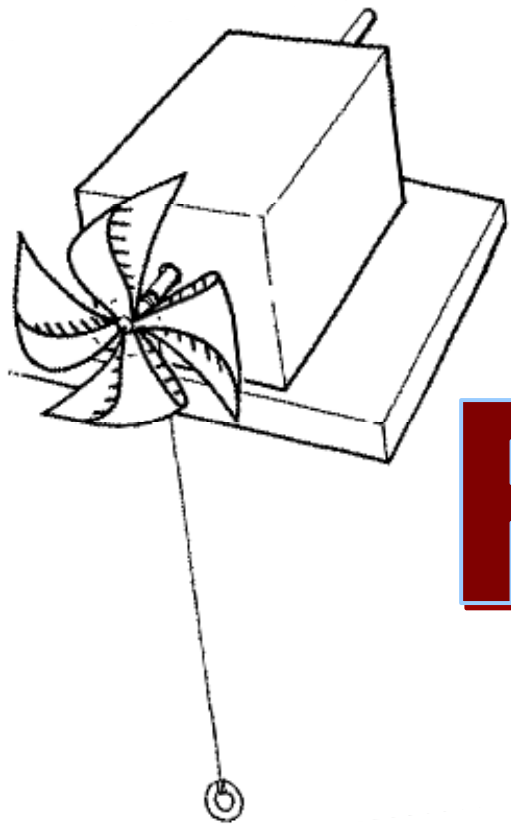
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Science Displays

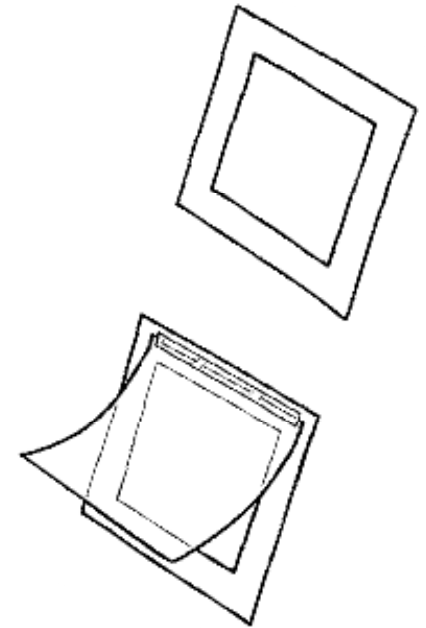
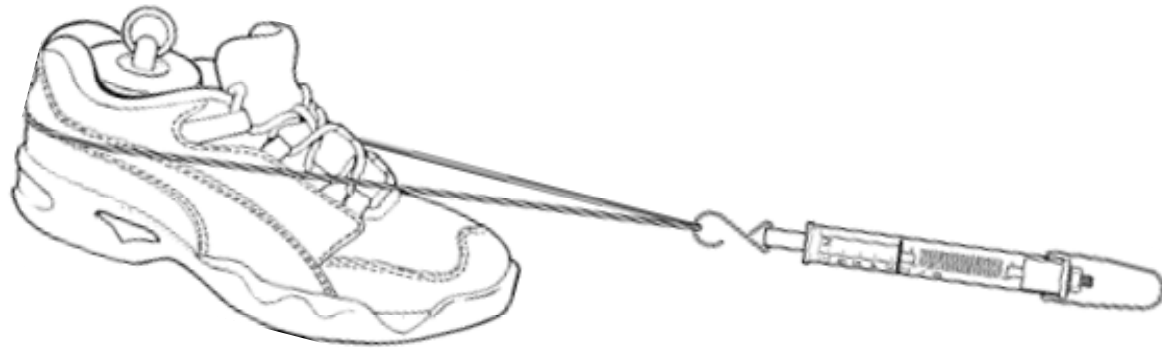
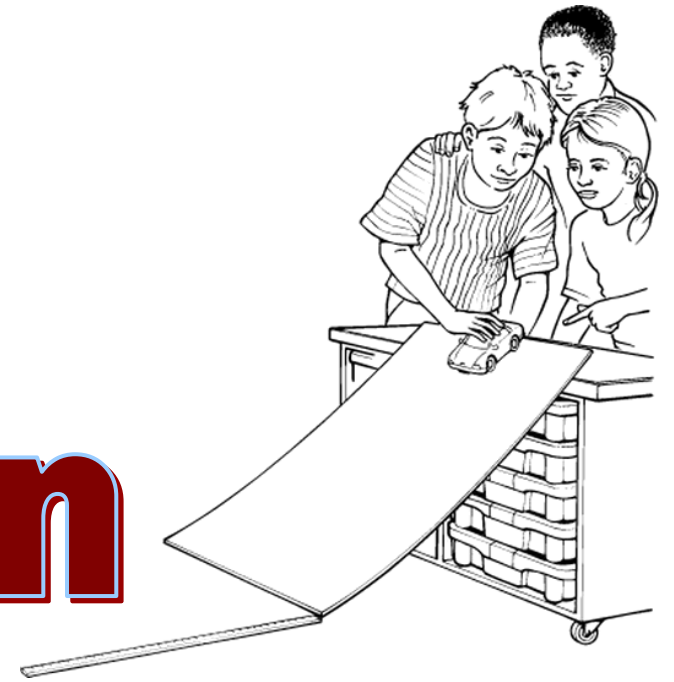
Unit 6E



Forces in Action



Forces in Action



force

weight

gravity

upthrust

forcemeter

Newton

push

pull

stationary

suspended

stationary

air resistance



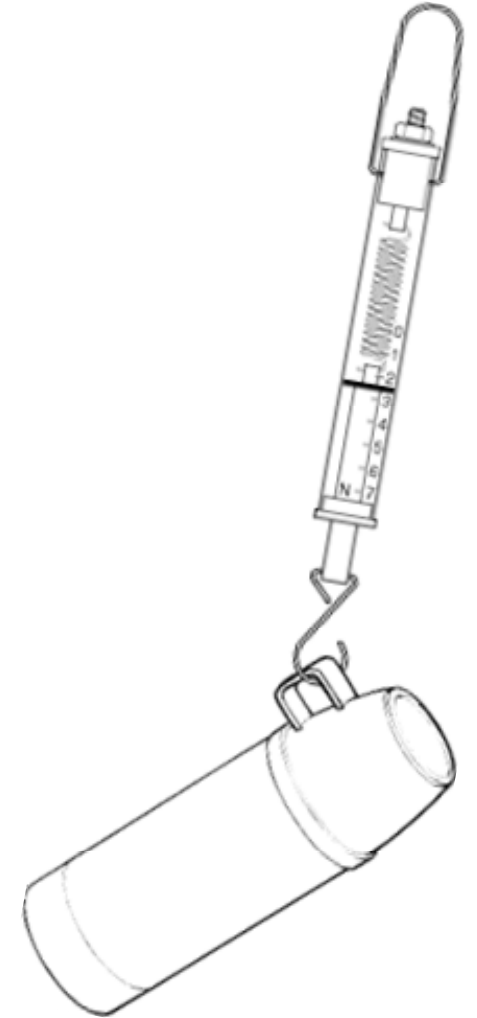
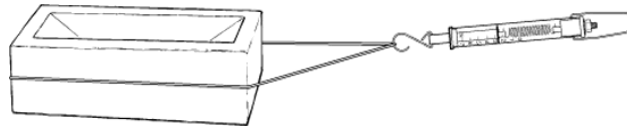
**Weight is a force,
measured in Newtons.**

forcemeters

What does the forcemeter measure?

How does it work?

What do the readings tell you?





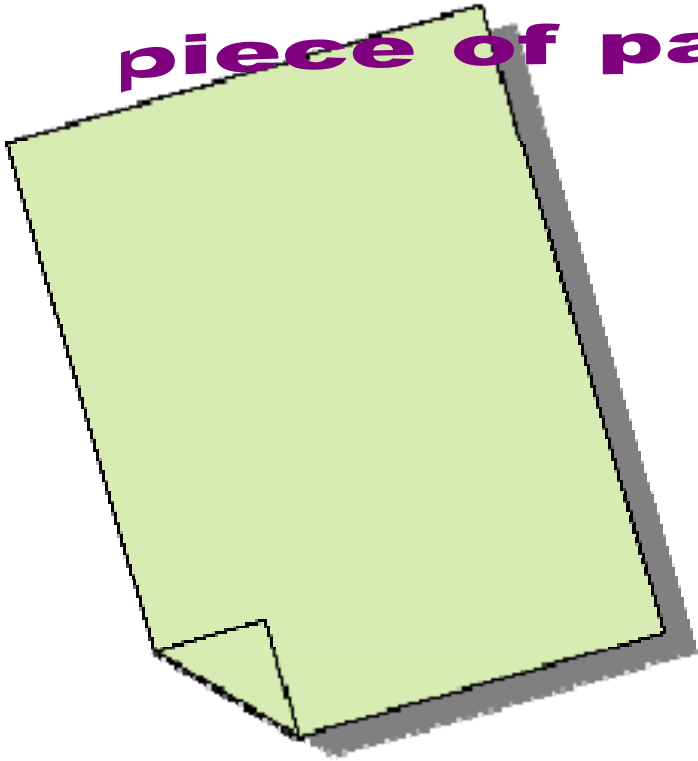
How would it feel to walk on
the moon?

gravity

Gravity is a force
which pulls objects
towards the centre of
the earth.



How long does it take for the piece of paper to fall to the floor?



The larger the surface area, the longer it takes.

WHY?

the screwed up paper fell faster than the folded sheet	real parachutes are big so the person comes down slowly	it's because of air resistance
the large sheet trapped a lot of air so there was a big force of air pushing up against gravity, this kept the sheet up longer	air holds it up so it floats in the air	when there is no air a coin and a feather fall at the same rate.

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