

Experiment: Exploring friction on different surfaces

We explored friction with tricycle on different surfaces.

First surface was gravel.

To move the tricycle a bit it took 6 Newtons

but to continue the movement it took 3 Newtons.



Second surface was grass.

To move the tricycle a bit it took 22 Newtons

but to continue the movement it took 7 Newtons.



Third surface was pavement.

To move the tricycle a bit it took 6 Newtons

but to continue the movement it took 3 Newtons.



Fourth surface was dirt.

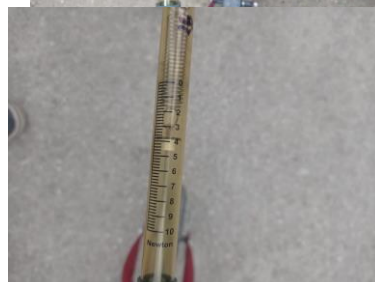
To move the tricycle a bit it took 4 Newtons

but to continue the movement it took 2.5 Newtons.



Fifth surface was concrete.

To move the tricycle a bit it took 4 Newtons

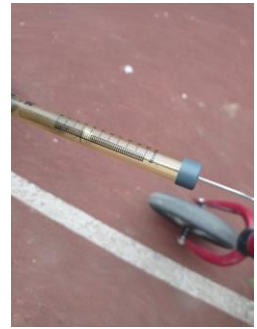


but to continue the movement it took 3 Newtons.

Sixth surface was running track (rubber).

To move the tricycle a bit it took 3 Newtons

but to continue the movement it took 3 Newtons.



Seventh surface was artificial grass.

To move the tricycle a bit it took 6 Newtons

but to continue the movement it took 4 Newtons.

