

Friction

The boy is causing a force on the box.

This is mechanical force.

But what else is causing a force on the box?

The carpet is causing a force on the box.

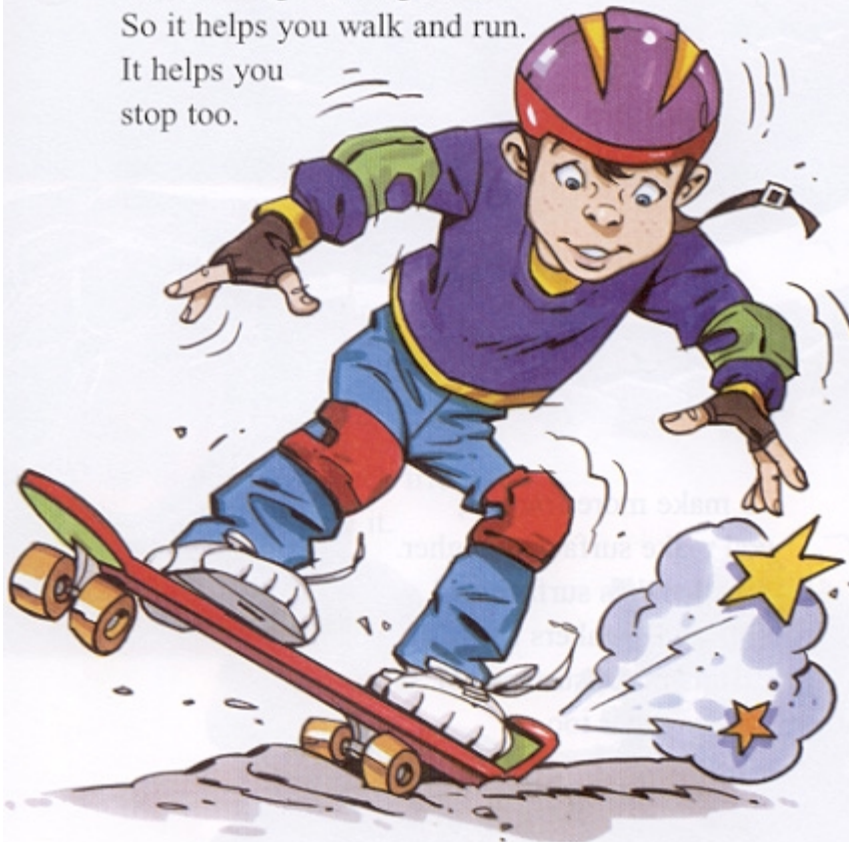
This force is friction.

What does friction do?



Friction works against movement.
Sometimes you want friction.

Friction keeps your feet
from sliding on the ground.
So it helps you walk and run.
It helps you
stop too.



But if there isn't enough friction,
you can increase it.