

TYPES OF FORCES

Contact Forces

Forces which are exerted when two objects touch each other, (are in contact with each other).

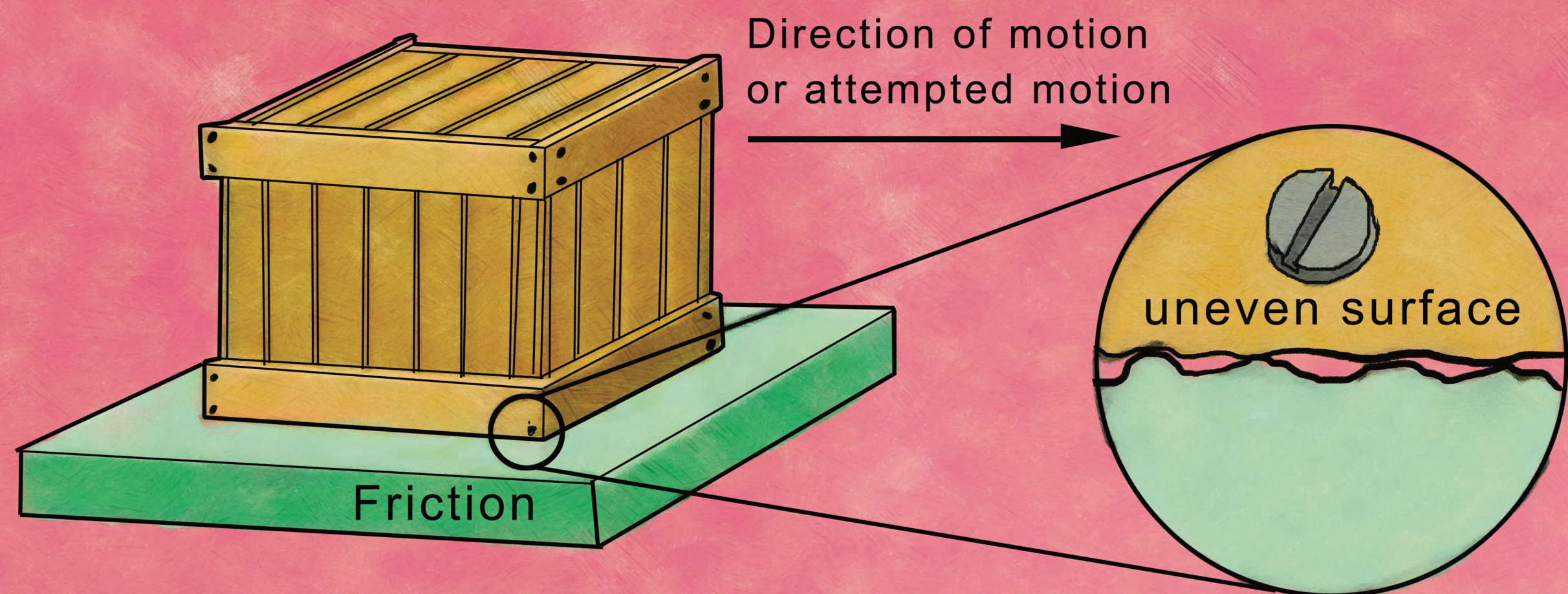
A force is an action that can be described as a push or a pull. Force is measured in Newtons (N).

Field Forces

A non-contact attraction or repulsion force which acts over a distance, (the objects do not touch each other).

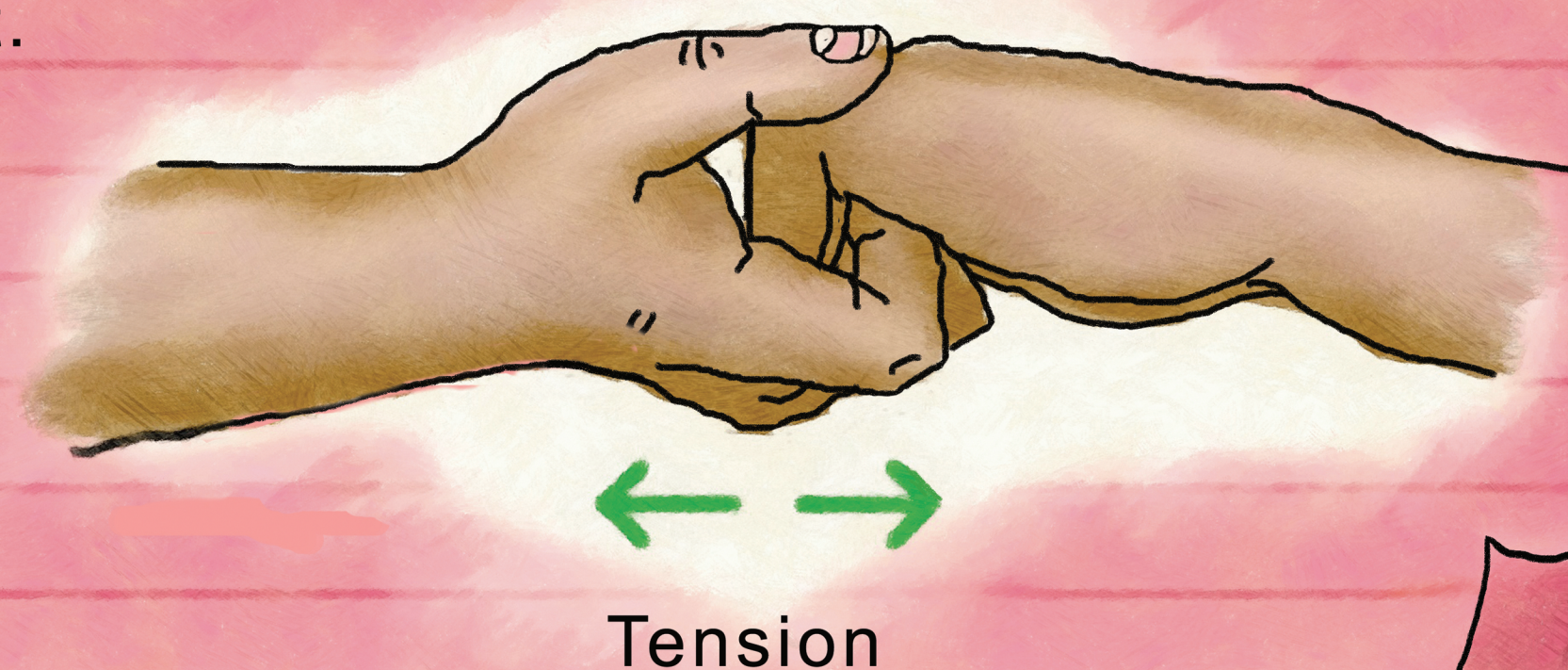
Friction Force

Force created when two objects move over each other.



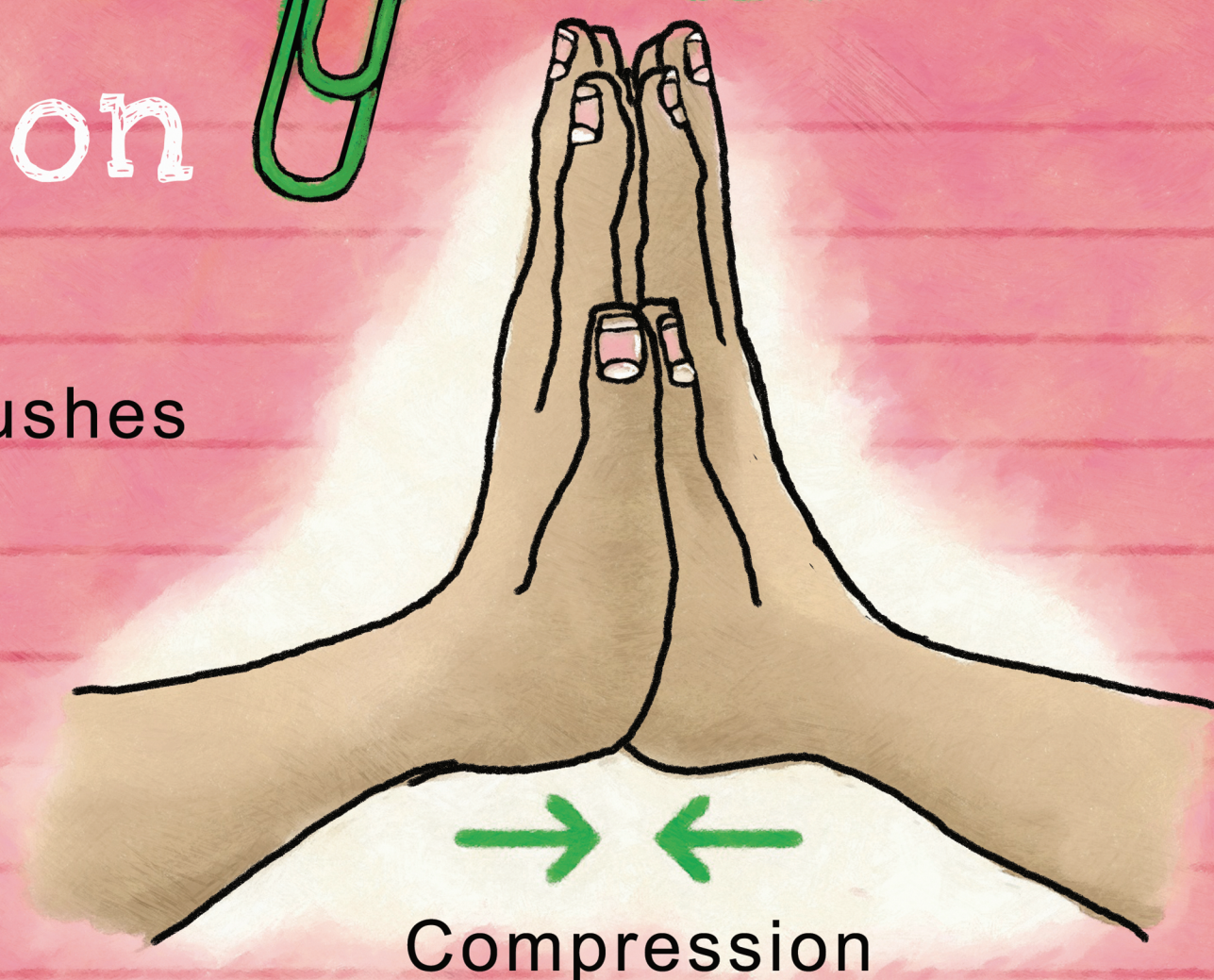
Tension Force

Pulling force, for example when a rope is pulled tight.



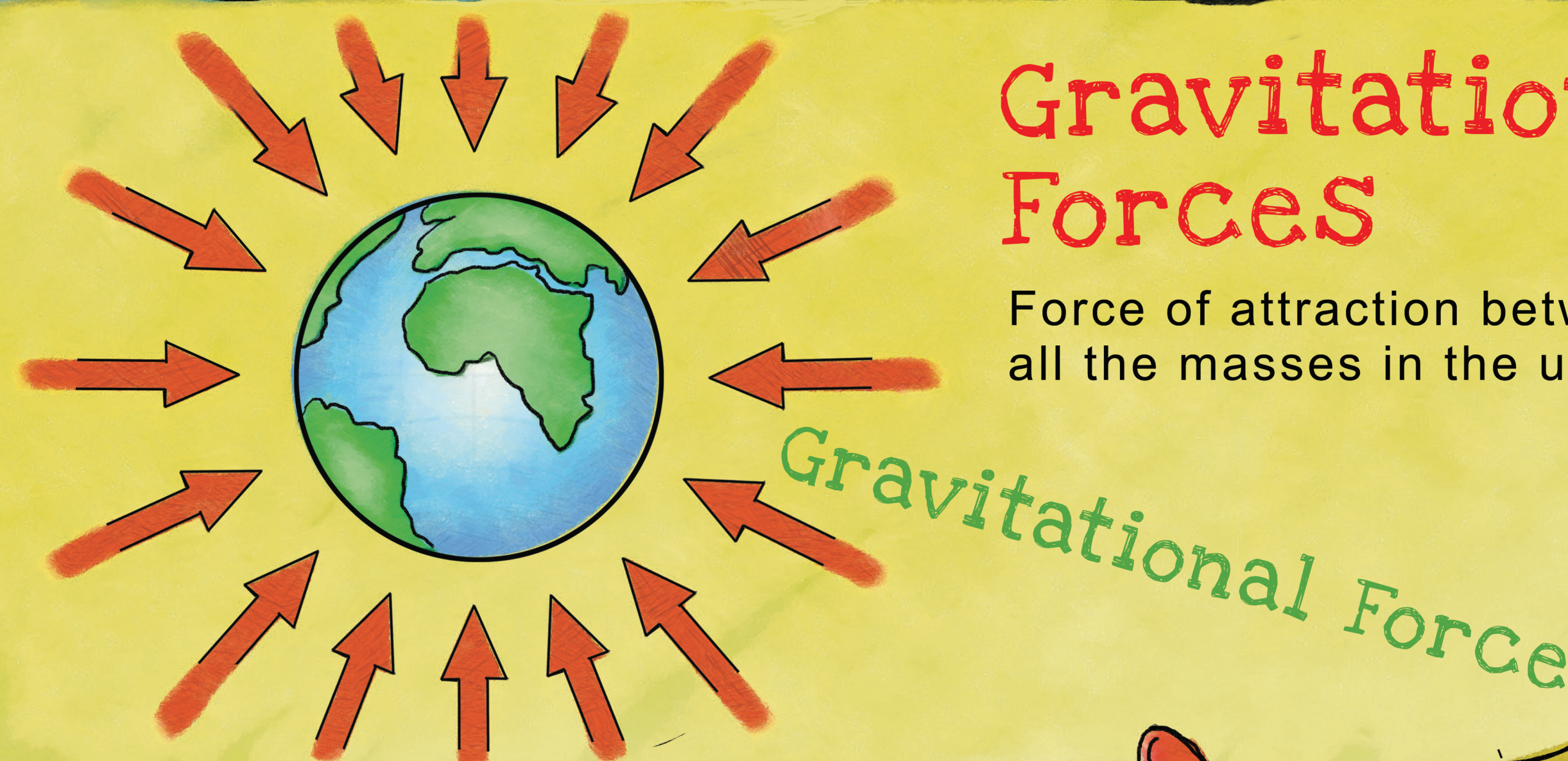
Compression Force

Pushing Force which pushes or squeezes a solid, liquid or gas.



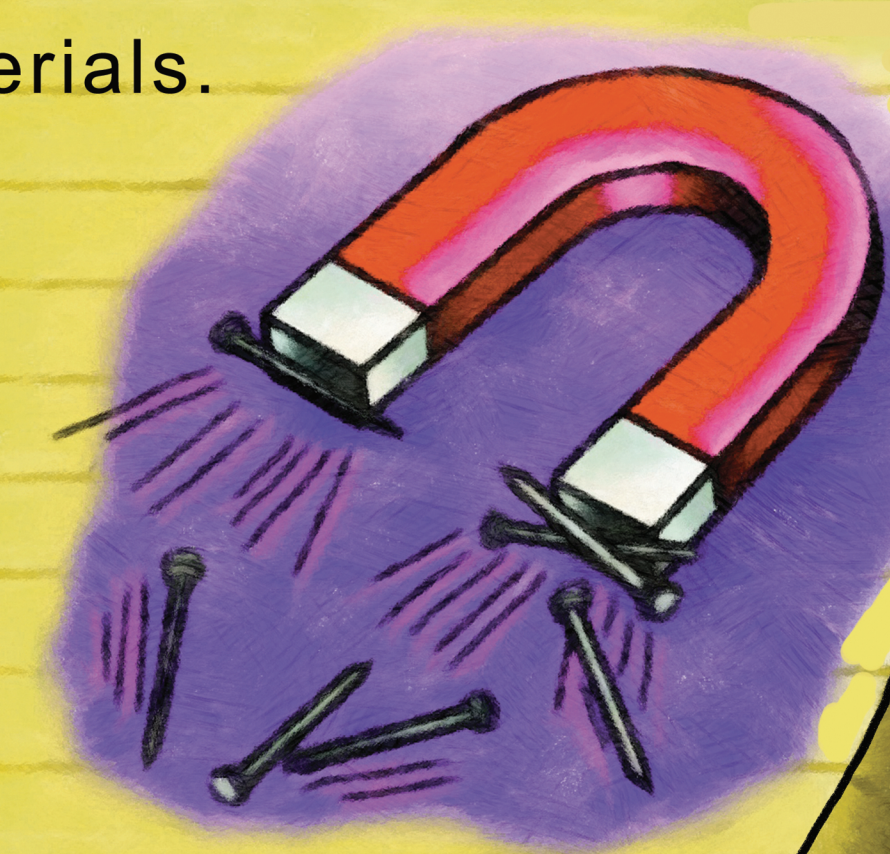
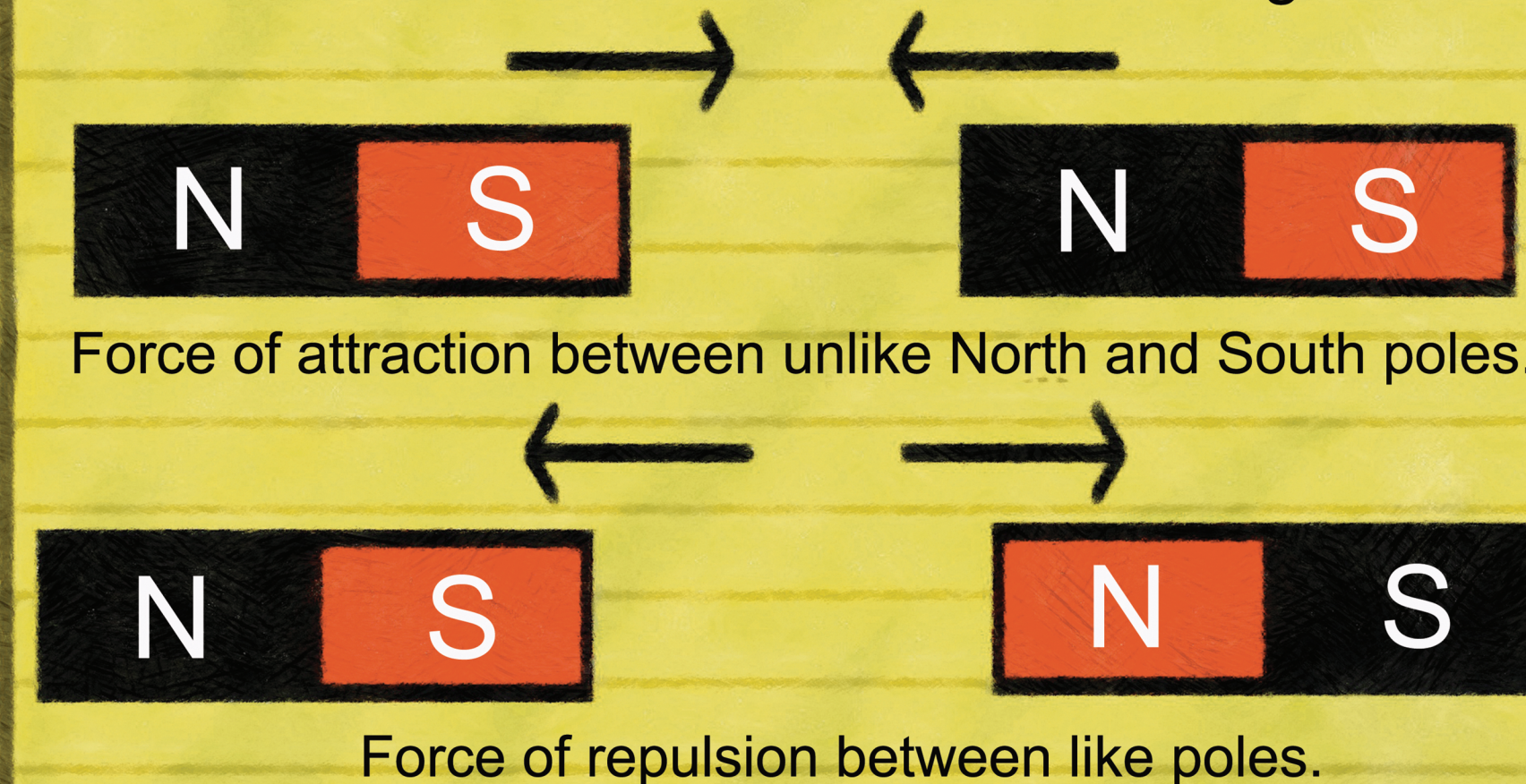
Gravitational Forces

Force of attraction between all the masses in the universe.



Magnetic Force

Force which exists between two magnetic materials.



Electrostatic Force

Force which exists between two electrically charged objects.

