



A 1kg mass on Earth.

We all know what it feels like to pick that up.
It's a bag of sugar.

But would it feel any different on another planet?

YES!

But why?



Gravity!

Gravity is what gives weight to objects on Earth. We use scales to measure the pull of gravity as weight.

We've all seen videos of astronauts bouncing around on the Moon's surface. That's because the Moon has less mass than the Earth and so the pull of gravity is less.

The pull of gravity on some planets is much greater as they have more mass. Pick up each of the weights to see what a 1kg mass would feel like on each of the planets in our solar system.

