

Newton Rap
By Matthew Guberman-pfeffer, © 2007
Inspired by Mr. Lipp (Physics teacher at Stratford High School in Connecticut)

Newton immersed ya in the concept of inertia
It's all around ya but it won't hurt ya
Things keep doing what their already doing and that's inertia
But if a net force acts, it will disturb ya

The second law is all about a simple formulation.
To get force multiply Mass and Acceleration.
If that's too much to say,
Try this abbreviation
 $F = M \text{ times } A$
 $F = M \text{ times } A$
OK, just a simple formulation

Forces come in pairs
And you feel your fair share
A skydiver feels the force of air
When gravity is balanced it's really quite fair
For every force there's an equal and opposite one in the pair

Got the explanation
Got the formulation
Now go and do the calculation